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# Certified Analysis - Elliot Lake Research Field Station

JOB CODE: **GMI14-001**

Swastika Ore Samples from Good Mining

Three Acid Digest with ICP-MS Analysis

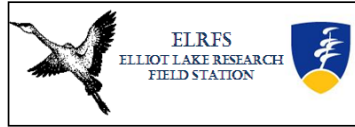
**Client Contact Information:**

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 Phone: 705-642-3244 Fax: 705-642-3300

**Batch: 14-760 (51) & 14-761 (35)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 08 12  
 Received by: Troy Maki  
 # of samples: 51 + 35  
 Dates Analysed/ Analyst: Aug 14 - Sept 11, 2014 / Troy Maki  
 Submission Date: 2014 09 16

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
		Detection Limits	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
30251	A14-760-001	GMI14-001	52500	8.46	1.23	283	0.876	<DL	48800	0.191	38.5	49.4	195	0.891	112	5.83	3.53	1.72	78700	21.6	5.82	0.081	8790	12.7	20.6
30252	A14-760-002	GMI14-002	47000	15	0.561	270	0.841	<DL	43600	0.071	38.8	54.2	215	0.542	121	6.13	3.63	1.78	84100	21.3	5.97	0.07	8950	12.4	18.8
30253	A14-760-003	GMI14-003	44500	21.8	<DL	258	0.823	<DL	40900	0.486	39.5	53.7	234	0.299	137	6.01	3.51	1.76	79800	20.4	6.05	0.074	8830	12.1	18.5
30254	A14-760-004	GMI14-004	46700	23	<DL	308	0.599	<DL	41500	<DL	29.2	53.8	231	0.489	131	4.69	2.7	1.48	75900	20.5	4.6	0.069	10100	8.68	23.6
30255	A14-760-005	GMI14-005	42700	16.3	<DL	179	0.718	<DL	38200	9.42	35.9	50.9	188	0.362	94	5.33	3.21	1.42	78800	19.3	5.44	0.073	6340	10.5	24.2
30256	A14-760-006	GMI14-006	47200	12.9	<DL	154	0.973	<DL	36800	1.37	58.7	46.4	109	1.38	140	8.6	5.16	2.19	82900	21.6	8.53	0.092	5490	17.2	21.9
30257	A14-760-007	GMI14-007	46200	11.9	<DL	270	0.524	<DL	40300	0.292	27.8	57.5	211	0.361	134	4.58	2.75	1.47	82000	20	4.64	0.073	8990	7.88	23.4
30258	A14-760-008	GMI14-008	42700	2.09	<DL	209	0.469	<DL	42200	0.121	24.6	53.2	196	0.369	148	4.12	2.42	1.3	76100	18.3	3.96	0.061	7790	6.85	22.6
30259	A14-760-009	GMI14-009	44300	1.06	<DL	224	0.431	<DL	43300	<DL	25.3	54.8	191	0.278	159	3.93	2.3	1.32	75400	18.9	4.04	0.063	8700	6.94	21.1
30260	A14-760-010	GMI14-010	42800	1.38	<DL	190	0.503	<DL	40900	0.207	30.6	55.2	222	0.347	131	4.89	2.8	1.45	76400	18.4	4.87	0.062	7460	8.49	21.9
30261	A14-760-011	GMI14-011	47600	0.8	<DL	188	0.543	<DL	44500	0.299	33.1	56.4	222	0.58	133	5.21	3.15	1.46	74700	18.9	5	0.06	7500	9.46	23.1
30262	A14-760-012	GMI14-012	49700	0.523	<DL	198	0.547	<DL	44100	0.574	31.6	55.6	209	0.562	132	4.92	2.98	1.45	76000	19.4	4.73	0.057	8220	8.9	24.6
30263	A14-760-013	GMI14-013	48100	0.395	<DL	221	0.496	<DL	45300	0.118	29.1	55.6	210	0.443	138	4.7	2.79	1.51	76700	19.6	4.63	0.073	9240	7.97	20.9
30264	A14-760-014	GMI14-014	46100	0.723	<DL	190	0.54	<DL	46800	0.344	31.9	55.5	195	0.303	152	4.86	2.87	1.48	78000	19.6	4.81	0.053	8430	8.93	18.8
30265	A14-760-015	GMI14-015	46000	0.695	<DL	225	0.475	<DL	45700	0.128	31.3	54.7	171	0.297	162	4.73	2.73	1.46	77300	20.1	4.66	0.076	9930	8.42	16.9
30266	A14-760-016	GMI14-016	46000	0.573	<DL	219	0.447	<DL	46000	0.151	31.6	54	165	0.329	162	5.01	2.96	1.59	77900	20.3	5.1	0.066	9570	8.27	17.2
30267	A14-760-017	GMI14-017	51500	0.943	<DL	223	0.477	<DL	48700	0.121	32.5	52.7	137	0.556	160	5.16	3.05	1.56	76700	21.4	5.16	0.066	9030	8.35	19.4
30268	A14-760-018	GMI14-018	51900	0.719	<DL	160	0.482	<DL	46900	0.07	33.5	53.5	140	0.479	171	5.11	3.06	1.58	80000	20.7	5.25	0.072	6370	8.99	22.5
30269	A14-760-019	GMI14-019	48700	1.07	<DL	165	0.462	<DL	49100	0.082	32.2	53.4	138	0.526	165	5.13	3.07	1.53	78600	20.3	5.09	0.072	6300	8.51	23.3
30270	A14-760-020	GMI14-020	49500	1.1	<DL	214	0.517	<DL	46700	0.095	35.5	56	147	0.478	186	5.42	3.25	1.68	82500	22	5.44	0.08	7380	9.32	21.7
30271	A14-760-021	GMI14-021	47500	0.696	<DL	251	0.442	<DL	43800	0.293	33.2	54.4	162	0.48	157	5.06	3.14	1.68	78500	21.2	4.99	0.065	9440	8.57	18.1
30272	A14-760-022	GMI14-022	50000	0.619	<DL	238	0.45	<DL	48000	0.269	34.5	54.8	180	0.429	165	5.64	3.41	1.71	81600	21.5	5.58	0.079	9260	8.67	14.5
30273	A14-760-023	GMI14-023	44700	0.669	<DL	166	0.536	<DL	46400	0.573	42.2	49.6	123	0.32	157	6.76	4.05	1.95	82500	21.1	6.8	0.079	6480	10.6	16.4
30274	A14-760-024	GMI14-024	45800	0.7	<DL	169	0.575	<DL	46700	0.526	43.8	50.3	105	0.307	161	7.05	4.33	2.03	84500	21.4	7.21	0.085	6980	10.8	17.9
30275	A14-760-025	GMI14-025	48900	0.393	<DL	339	0.382	<DL	44200	0.147	28.9	46.1	106	0.402	155	4.55	2.71	1.58	69700	23	4.58	0.066	11400	7.14	18.8
30276	A14-760-026	GMI14-026	47400	0.473	0.543	179	0.5	<DL	48800	0.289	41.5	49	150	0.586	163	6.81	4.14	1.89	82100	21.2	7.11	0.08	7160	10.5	16.3
30277	A14-760-027	GMI14-027	47200	0.474	<DL	174	0.538	<DL	49600	0.278	45.6	50.7	101	0.509	167	7.35	4.49	2.08	85100	21.7	7.49	0.087	7020	11.2	16.8
30278	A14-760-028	GMI14-028	44700	0.259	<DL	158	0.513	<DL	46200	0.361	43.1	46.5	124	0.496	152	7.11	4.23	1.98	78700	20.3	7	0.086	6370	10.5	15.6
30279	A14-760-029	GMI14-029	46100	0.46	<DL	154	0.548	<DL	49200	0.715	46.2	50	137	0.379	157	7.38	4.45	2.03	82700	20.9	7.39	0.089	6040	11.2	14.5
30280	A14-760-030	GMI14-030	45200	0.444	<DL	181	0.47	<DL	47500	0.113	36.6	55.7	216	0.413	146	5.52	3.24	1.66	77600	19.2	5.47	0.065	8180	9.03	13.4
30281	A14-760-031	GMI14-031	49000	0.512	<DL	201	0.506	<DL	49700	0.321	39.2	56.6	194	0.43	146	5.42	3.28	1.79	78600	20.2	5.85	0.074	9410	9.79	14.2
30282	A14-760-032	GMI14-032	57200	0.92	<DL	217	0.568	<DL	46900	0.367	48	61.4	162	0.725	214	6.72	3.95	2.04	88500	22.9	6.66	0.076	10000	11.6	15.9
30283	A14-760-033	GMI14-033	48100	0.453	<DL	192	0.469	<DL	49400	0.525	39.1	57.2	211	0.495	149	5.6	3.35	1.66	77900	20	5.55	0.074	8990	9.46	13.8
30284	A14-760-034	GMI14-034	48800	0.7	<DL	196	0.455	<DL	50200	0.801	38.6	58.4	195	0.454	171	5.55	3.31	1.7	82200	21.3	5.77	0.073	8600	9.32	13.5

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.476	20000	1460	<DL	10200	11.3	19.8	79.6	786	11.8	4.83	0.096	48.6	0.052	<DL	28.8	<DL	4.77	2.72	274	11.3	0.92	3.25	7940	0.254	0.695	204	2.52	28.8	3.24	129	
0.488	20000	1640	<DL	7990	8.96	20.2	86.1	792	11.8	4.29	0.089	41	0.04	<DL	31	<DL	5.08	2.76	226	4.16	0.965	2.64	8590	0.247	0.622	219	1.35	28.7	3.35	130	
0.469	18600	1590	<DL	7430	8.42	20.8	87.5	846	27.5	4.22	0.126	36	0.04	<DL	27.9	<DL	5.12	2.39	211	2.8	0.946	2.49	7420	0.227	0.609	202	1.19	27.2	3.18	178	
0.372	22000	1580	<DL	6660	6.17	15.2	94.6	590	14	3.8	0.089	43.6	0.046	<DL	30.1	<DL	3.97	2.29	220	2.2	0.767	1.69	6690	0.258	0.377	223	<DL	21.9	2.69	116	
0.416	20400	1590	<DL	9410	7.44	18.6	84.7	689	276	3.71	0.077	28.7	0.043	<DL	26.9	<DL	4.59	2.41	197	<DL	0.85	2.07	7020	0.182	0.449	215	0.931	24.4	2.85	1570	
0.719	18700	1820	<DL	15600	11.5	30.2	56.2	1160	92.8	5.76	0.085	34.3	0.05	<DL	31.5	<DL	7.3	2.88	247	<DL	1.35	3.62	9180	0.207	0.836	229	1.19	42	5.01	256	
0.36	20500	1610	<DL	7220	5.86	14.7	93.1	525	18.1	3.94	0.099	38.8	0.05	<DL	29.4	<DL	3.76	2.38	248	<DL	0.706	1.57	7010	0.243	0.347	216	0.892	20.8	2.66	153	
0.312	19500	1460	<DL	7380	5.17	13.3	89.7	449	4.94	3.48	0.089	32.5	0.068	<DL	28	<DL	3.47	3	247	<DL	0.632	1.27	7200	0.243	0.3	259	1.2	17.5	2.24	111	
0.317	19800	1380	<DL	6280	5.14	13.5	91.1	486	4.31	3.32	0.102	36.2	0.054	<DL	29.5	<DL	3.48	2.15	242	<DL	0.629	1.31	7050	0.226	0.272	273	<DL	17.7	2.23	109	
0.36	19400	1310	<DL	7890	6.12	16.2	91.5	614	4.59	3.67	0.096	31.9	0.04	<DL	26.9	<DL	3.99	3.24	233	<DL	0.78	1.46	6330	0.238	0.304	200	<DL	20.8	2.58	113	
0.412	21200	1290	<DL	11000	6.39	17.2	92.2	602	3.86	4.06	0.128	38.5	0.06	<DL	27.6	<DL	4.19	2.56	256	<DL	0.826	1.79	5770	0.209	0.44	184	<DL	23.7	2.82	109	
0.403	21600	1300	<DL	14000	6.11	16.2	92	533	3.48	4.13	0.135	44.1	0.052	<DL	28.7	<DL	4.08	5.77	287	<DL	0.782	1.83	6640	0.2	0.423	218	<DL	22.6	2.71	109	
0.378	21200	1330	<DL	8150	5.84	15.5	91.9	541	3.56	4.09	0.098	48.2	0.062	<DL	30.3	<DL	3.95	2.7	257	<DL	0.723	1.53	6830	0.245	0.34	224	<DL	21.9	2.61	114	
0.376	21200	1330	<DL	9860	6.17	16.6	91.2	546	3.14	3.73	0.117	39.5	0.058	<DL	31.1	<DL	3.99	6.09	249	<DL	0.749	1.84	7170	0.194	0.46	282	<DL	21.6	2.65	113	
0.37	20300	1300	<DL	6120	6.12	16.3	85.9	551	3.11	3.76	0.102	46.9	0.039	<DL	31.3	<DL	3.96	2.32	232	<DL	0.743	1.7	7530	0.247	0.4	294	<DL	22.1	2.65	114	
0.411	20200	1290	<DL	6690	6.12	17.2	83.1	588	2.53	4.06	0.094	46.8	0.049	<DL	32.1	<DL	4.33	2.33	240	<DL	0.81	1.39	7800	0.248	0.255	296	<DL	23.5	2.74	112	
0.432	20200	1280	<DL	9510	6.17	16.9	76.4	579	3.68	4.4	0.074	52.3	0.058	<DL	31.9	<DL	4.13	2.37	283	<DL	0.814	1.52	7850	0.252	0.281	304	<DL	24.5	2.75	116	
0.415	20000	1320	<DL	13000	6.53	17.9	76.2	625	5.01	4.9	0.078	34.9	0.073	<DL	32.4	<DL	4.61	2.41	335	<DL	0.823	1.52	8160	0.176	0.298	314	<DL	24.5	2.96	109	
0.419	19300	1300	<DL	10400	6.39	17.2	77	598	6.55	4.57	0.101	34.1	0.07	<DL	31.6	<DL	4.35	2.39	309	<DL	0.809	1.44	8360	0.175	0.278	314	<DL	24.1	2.91	109	
0.419	19500	1380	<DL	11400	6.85	18.5	80	650	3.54	4.76	0.079	37.4	0.077	<DL	33.5	<DL	4.74	2.44	337	<DL	0.862	1.52	9110	0.206	0.285	339	<DL	25	3.05	116	
0.417	20600	1290	<DL	9940	6.33	17.4	85.5	577	2.98	4.03	0.102	49.9	0.061	<DL	31.5	<DL	4.49	2.46	260	<DL	0.807	1.46	7610	0.264	0.283	289	<DL	24.3	2.92	117	
0.468	22200	1350	<DL	8570	6.55	18.2	81.8	625	3.14	4.2	0.068	51.9	0.048	<DL	35.8	<DL	4.8	2.52	224	<DL	0.876	1.56	8400	0.245	0.289	319	<DL	27.1	3.15	120	
0.568	17700	1400	<DL	11100	7.89	23	61.6	801	3.78	4.71	0.131	33.7	0.051	0.1	33.5	0.959	5.87	2.8	228	<DL	1.1	1.87	10500	0.174	0.392	363	<DL	32.2	3.83	124	
0.57	17600	1430	<DL	11300	8.08	24	58.9	818	3.78	4.94	0.101	36.5	0.046	0.156	34	<DL	6.21	2.76	231	<DL	1.13	1.92	10800	0.205	0.42	371	<DL	33	3.79	128	
0.367	14400	1230	<DL	10800	5.49	15.3	60.1	511	5.25	5.1	0.074	57.3	0.103	0.119	27.6	<DL	3.81	2.24	427	<DL	0.704	1.22	7210	0.309	0.238	284	<DL	20.1	2.57	107	
0.581	21000	1400	<DL	9150	10	22.7	60.9	774	3.24	5.05	0.098	45.1	0.043	<DL	38.6	<DL	5.8	1.88	232	3.42	1.1	2.02	10400	0.203	0.366	387	1	33.4	3.84	119	
0.611	20500	1450	<DL	9200	8.33	24.4	59.5	821	3.57	5.15	0.098	43.4	0.059	<DL	39.4	<DL	6.35	1.75	238	<DL	1.18	2.01	11000	0.2	0.374	399	<DL	35.8	4.15	133	
0.595	19500	1330	<DL	9230	7.79	23	56.5	785	3.21	5	0.118	39.6	0.048	<DL	36.9	<DL	6.04	1.69	225	<DL	1.09	1.87	9940	0.198	0.363	359	<DL	34	3.92	113	
0.576	18500	1410	<DL	11700	8.07	24.5	60.9	816	3.59	4.91	0.158	32.9	0.042	<DL	35	<DL	6.52	1.86	219	<DL	1.14	1.92	10600	0.155	0.425	367	<DL	34.2	4.04	121	
0.457	20900	1320	<DL	7150	6.62	19.3	86.8	636	3.67	3.89	0.099	43.8	0.038	<DL	32.3	<DL	4.73	1.5	185	<DL	0.831	1.82	7390	0.207	0.402	246	<DL	25.3	3.1	114	
0.459	21100	1350	<DL	8310	6.8	20.1	89.2	645	3.64	4.12	0.173	49.2	0.049	<DL	31.8	<DL	4.96	1.4	208	<DL	0.884	2.01	7000	0.236	0.477	235	<DL	25.7	3.13	112	
0.528	19100	1370	<DL	11100	8.39	23.6	92.9	795	4.8	4.67	0.127	62.2	0.06	<DL	31.3	0.791	5.98	1.81	228	<DL	1.05	2.31	7800	0.313	0.511	198	<DL	31	3.68	133	
0.464	20400	1330	<DL	10900	6.8	19.8	90.8	642	4.24	3.84	0.141	48.6	0.041	<DL	34.8	<DL	5.14	1.84	207	<DL	0.85	1.87	6770	0.229	0.431	218	<DL	26.1	3.09	115	
0.452	19600	1370	<DL	13300	6.87	19.8	90.3	622	3.33	3.91	0.166	45	0.06	0.182	34	<DL	5.12	1.57	219	<DL	0.882	1.87	8200	0.205	0.455	310	<DL	24.9	3.01	119	

30285	A14-760-035	GMI14-035	48000	0.629	<DL	186	0.449	<DL	49300	0.967	57.1	59	190	0.322	181	5.33	3.33	1.69	83000	20.8	5.36	0.064	9060	9.44	13.3
30286	A14-760-036	GMI14-036	53800	0.71	<DL	201	0.46	<DL	50600	1.02	41.3	57.6	186	0.47	175	5.82	3.53	1.74	81300	21.9	5.72	0.068	9790	9.78	14.6
30287	A14-760-037	GMI14-037	53900	0.603	<DL	208	0.467	<DL	51300	0.76	39.9	54	132	0.69	168	5.46	3.35	1.77	79200	21.9	5.72	0.059	9770	9.43	15.1
30288	A14-760-038	GMI14-038	51100	0.694	<DL	184	0.401	<DL	49500	0.662	37.8	52.9	142	0.441	161	5.34	3.09	1.72	77600	20.8	5.51	0.063	8160	8.67	14.2
30289	A14-760-039	GMI14-039	48500	0.731	<DL	220	0.438	<DL	49000	0.217	40.2	58	161	0.506	167	5.85	3.45	1.9	84500	21.7	6.16	0.083	9650	9.1	12.6
30290	A14-760-040	GMI14-040	49500	1.15	<DL	212	0.466	<DL	50500	0.251	40.7	58.8	170	0.556	181	5.75	3.51	1.88	87000	22.4	5.97	0.071	9410	9.19	11.6
30291	A14-760-041	GMI14-041	48900	0.419	<DL	210	0.599	<DL	49500	0.193	40.4	56.6	152	0.594	177	5.43	3.31	1.85	83700	22	5.8	0.068	9220	9.28	12.1
30292	A14-760-042	GMI14-042	47700	0.726	<DL	210	0.448	<DL	48000	0.2	44.5	54.9	157	0.601	176	6.27	3.8	1.97	82000	21.9	6.63	0.076	9190	9.86	10.6
30293	A14-760-043	GMI14-043	47400	0.762	<DL	212	0.458	<DL	47600	0.26	44.5	55.1	129	0.648	171	6.17	3.78	1.96	82600	21.9	6.56	0.075	9080	9.67	10.2
30294	A14-760-044	GMI14-044	43700	1.18	<DL	213	0.42	<DL	45200	0.343	44.4	55.8	145	0.455	180	6.11	3.61	1.95	82800	21.5	6.38	0.065	8800	9.66	9.4
30295	A14-760-045	GMI14-045	42000	6.2	<DL	202	0.428	<DL	42300	1.41	44.2	55.5	131	0.364	179	5.96	3.61	1.92	82500	21.1	6.36	0.076	8340	9.37	15.3
30296	A14-760-046	GMI14-046	45500	2.82	<DL	220	0.428	<DL	47700	0.514	46.2	59.5	155	0.696	188	6.41	3.76	2.06	87500	22.5	6.95	0.083	8730	9.87	12.4
30297	A14-760-047	GMI14-047	45200	1.12	<DL	221	0.42	<DL	46900	0.347	45.8	57.6	137	0.638	172	6.46	3.78	2.09	85100	21.9	6.7	0.086	8730	9.79	9.74
30298	A14-760-048	GMI14-048	45800	1.22	<DL	225	0.406	<DL	48400	0.378	45.5	59.4	168	0.746	188	6.49	3.81	2.07	89200	22.7	6.62	0.087	8710	9.77	9.52
30299	A14-760-049	GMI14-049	43700	0.989	<DL	215	0.408	<DL	46200	0.641	44.7	58	142	0.668	186	6.17	3.7	1.96	86400	22.1	6.68	0.075	8180	9.64	9.79
30300	A14-760-050	GMI14-050	48300	0.917	<DL	348	0.338	<DL	46100	0.397	36.4	47.2	107	0.469	160	4.93	2.88	1.85	69800	24.4	5.09	0.058	11900	7.71	15.7
30301	A14-760-051	GMI14-051	42900	0.902	<DL	218	0.388	<DL	45600	1.1	44.8	56.8	139	0.761	184	6.25	3.59	1.96	83300	21.6	6.47	0.07	8230	9.67	9.33
30302	A14-761-001	GMI14-052	75100	1.01	1.24	329	0.69	<DL	67400	0.182	19.7	56.9	196	0.991	173	4.02	2.59	1.29	111000	23.9	3.82	<DL	13500	9.33	20.4
30303	A14-761-002	GMI14-053	73900	0.937	0.542	342	0.535	<DL	68500	0.343	18.2	57	216	0.902	177	3.96	2.53	1.27	107000	23.6	3.54	<DL	13800	8.58	20.7
30304	A14-761-003	GMI14-054	69000	0.667	<DL	356	0.553	<DL	66600	0.293	17.7	61.3	245	0.694	187	3.58	2.36	1.22	109000	23.7	3.46	<DL	14300	8.23	18.2
30305	A14-761-004	GMI14-055	71900	3.52	<DL	359	0.484	<DL	65800	0.303	16.3	55.5	194	0.83	173	3.49	2.33	1.1	101000	23.4	3.17	<DL	13900	7.57	22.9
30306	A14-761-005	GMI14-056	69100	9.96	<DL	238	0.767	<DL	62700	2.77	27.7	54.2	132	0.739	192	5.97	3.78	1.61	118000	24.3	5.59	0.058	8660	12.5	29.4
30307	A14-761-006	GMI14-057	64700	11.7	<DL	144	0.779	<DL	63800	11.1	30.5	53.2	102	0.914	69	6.05	3.66	2.38	126000	22.5	5.66	0.054	5670	14.5	28.8
30308	A14-761-007	GMI14-058	70300	16.3	<DL	233	0.844	<DL	63000	12	30.7	50.5	102	1.05	142	6.38	4.07	1.65	117000	24.2	5.75	<DL	8530	14	25.7
30309	A14-761-008	GMI14-059	71300	10.6	<DL	272	0.845	<DL	61100	2.87	30.9	50.9	107	1.17	172	6.19	4.01	1.66	116000	24.6	5.76	0.07	9730	14.5	24.5
30310	A14-761-009	GMI14-060	75000	3.22	<DL	290	0.883	<DL	63000	1.77	32.1	52.3	107	0.788	175	6.77	4.34	1.79	124000	26.3	6.09	0.063	10700	14.8	22.8
30311	A14-761-010	GMI14-061	71700	2.6	<DL	279	0.811	<DL	63700	1.61	30.2	53	101	0.822	178	6.44	4.01	1.73	123000	25.1	5.77	0.074	10600	13.8	21.9
30312	A14-761-011	GMI14-062	72100	1.36	<DL	272	0.789	<DL	65100	0.932	28.2	51.3	121	0.796	165	5.87	3.86	1.69	119000	25.3	5.46	0.057	10600	12.7	20.5
30313	A14-761-012	GMI14-063	68900	1.5	<DL	261	0.712	<DL	63400	0.739	27.1	49	96.2	0.697	159	5.74	3.54	1.54	114000	24.2	5.42	0.07	10300	12.1	18.6
30314	A14-761-013	GMI14-064	72300	1.02	<DL	283	0.7	<DL	68000	0.525	25.6	53.7	126	0.709	179	5.73	3.47	1.58	122000	25.7	4.98	0.06	11500	11.3	16.6
30315	A14-761-014	GMI14-065	66700	1.22	<DL	269	0.654	<DL	66200	0.377	26.8	55.6	147	0.588	201	5.65	3.7	1.64	124000	25.2	5.47	0.068	10700	11.7	14.7
30316	A14-761-015	GMI14-066	69900	0.963	<DL	281	0.625	<DL	66800	0.335	24.5	53.5	122	0.715	185	5.46	3.47	1.54	117000	24.9	4.9	0.066	11200	10.8	15.3
30317	A14-761-016	GMI14-067	69600	0.928	<DL	292	0.573	<DL	68200	0.5	23.6	55.9	155	0.707	201	5.42	3.39	1.53	120000	25.3	4.81	<DL	11500	10.1	17.5
30318	A14-761-017	GMI14-068	66300	1.25	<DL	286	0.542	<DL	64600	0.644	21.6	53.9	146	0.588	185	4.7	3.04	1.42	113000	24.2	4.35	0.051	11400	9.35	16
30319	A14-761-018	GMI14-069	67200	1.37	<DL	294	0.608	<DL	64000	0.715	25.1	49.5	151	0.696	157	5.36	3.33	1.54	107000	24.2	5.04	0.05	11700	10.6	14.8
30320	A14-761-019	GMI14-070	68200	5.17	<DL	230	0.667	<DL	65400	1.55	27.9	49	128	1.12	147	6.08	3.89	1.65	109000	23.1	5.76	0.057	8970	12	21.2
30321	A14-761-020	GMI14-071	70700	1.97	<DL	282	0.705	<DL	63700	1.43	29.8	49.2	190	0.678	144	6.27	3.95	1.75	112000	25.1	5.8	0.066	10800	12.9	16.2
30322	A14-761-021	GMI14-072	70700	1.37	<DL	253	0.707	<DL	65700	1.24	30.1	50.5	122	0.805	152	6.27	3.98	1.69	115000	25	5.68	0.067	9820	13.1	19.7
30323	A14-761-022	GMI14-073	64300	1.23	<DL	186	0.705	<DL	59700	1.2	28.9	51.3	123	0.646	159	6.2	3.72	1.66	116000	22.4	5.7	0.065	7540	12.4	21.4
30324	A14-761-023	GMI14-074	71800	1.78	<DL	250	0.782	<DL	64800	1.38	34.7	48.4	147	0.873	120	7.4	4.48	1.92	116000	25.1	7	0.068	9350	14.8	20.7
30325	A14-761-024	GMI14-075	73300	0.905	<DL	405	0.513	<DL	61500	0.721	20.7	47.2	111	0.48	160	4.14	2.68	1.44	98600	26.1	3.74	<DL	15200	9.34	24
30326	A14-761-025	GMI14-076	64100	1.85	<DL	246	0.867	<DL	59900	1.39	35.9	47.4	175	0.689	97.8	7.22	4.49	1.83	117000	24.6	6.66	0.053	8770	15.6	18.6
30327	A14-761-026	GMI14-077	64700	1.29	<DL	87.7	1.16	<DL	61200	2	56.4	45.2	75.1	1.58	109	11.2	7.09	2.75	129000	24.1	10.5	0.118	3060	23.7	17
30328	A14-761-027	GMI14-078	65700	2.42	<DL	224	1.03	<DL	57600	1.59	47.4	50.8	97.1	1.43	145	9.39	5.92	2.23	135000	27.2	8.61	0.103	7660	20	18.6
30329	A14-761-028	GMI14-079	62600	2.72	<DL	259	0.692	<DL	58300	2.54	31.7	49.6	133	0.658	149	6.13	3.97	1.72	116000	24.9	6.01	0.07	9500	13.3	18.2
30330	A14-761-029	GMI14-080	66700	1.22	<DL	289	0.714	<DL	61600	1.13	31.5	50.2	144	0.638	154	6.48	3.84	1.84	116000	25.3	5.94	0.081	10700	13.3	16
30331	A14-761-030	GMI14-081	69700	1.24	<DL	274	0.713	<DL	63400	1.05	31.6	49.8	128	0.719	153	6.39	4.08	1.9	113000	25.5	6.07	0.053	11000	13.3	15.1
30332	A14-761-031	GMI14-082	67500	1.43	<DL	277	0.642	<DL	63900	1.16	29.8	50.1	161	0.618	151	6.03	3.85	1.74	110000	24.8	5.77	0.058	11400	12.6	14.2
30333	A14-761-032	GMI14-083	60200	0.863	0.559	281	0.589	<DL	61700	1	26.1	50.1	135	0.38	150	5.37	3.36	1.63	107000	23.6	4.88	<DL	12300	11	11.3
30334	A14-761-033	GMI14-084	67100	0.487	<DL	319	0.485	<DL	66200	1															



0.441	18800	1370	<DL	14300	6.63	19.7	94.2	624	4.1	3.67	0.138	44.8	0.052	0.693	30.2	<DL	4.97	1.64	203	<DL	0.846	1.78	7810	0.22	0.472	300	<DL	24.7	3.02	127
0.474	20200	1330	<DL	15900	6.74	20.5	86.2	646	5.12	4.19	0.159	56.1	0.054	0.614	33.1	<DL	5.29	1.67	222	<DL	0.933	1.94	8020	0.259	0.474	317	<DL	26.6	3.26	127
0.5	19200	1310	<DL	12900	6.71	20	76	632	4.62	4.25	0.179	55.5	0.06	0.353	33.5	<DL	5	1.63	242	<DL	0.878	1.81	8520	0.236	0.382	315	<DL	26	3.09	123
0.449	18400	1280	<DL	13900	6.32	18.8	73.2	589	3.76	4.36	0.14	47.2	0.044	0.331	32.8	<DL	4.77	1.92	238	<DL	0.821	1.7	8100	0.191	0.363	287	<DL	24.9	2.93	113
0.458	20300	1370	<DL	7560	6.85	20.7	84.4	668	3.24	4.42	0.135	52	0.055	0.126	34.8	<DL	5.52	1.04	215	<DL	0.96	1.52	8380	0.254	0.278	283	<DL	27.1	3.41	123
0.467	20400	1410	<DL	8120	7.14	20.8	83.5	716	3.68	4.6	0.081	51.9	0.054	0.202	36.5	<DL	5.51	0.898	221	<DL	0.961	1.87	9230	0.238	0.393	326	<DL	27.4	3.25	128
0.423	19800	1360	<DL	8310	7.14	20.2	81.8	780	6.07	4.33	0.101	51.8	0.063	0.138	34.5	<DL	5.24	0.809	226	<DL	0.858	2.6	8490	0.254	0.72	316	<DL	25.2	3.05	124
0.527	19100	1330	<DL	7940	7.33	22.7	76.6	705	3.56	4.42	0.115	53.4	0.048	0.108	34.4	<DL	5.8	1.07	218	<DL	1	1.64	8640	0.205	0.272	318	<DL	29.1	3.54	123
0.518	19100	1350	<DL	7760	7.35	22.4	75.1	706	4.08	4.29	0.093	51.9	0.048	0.126	35	<DL	5.68	1.02	217	<DL	0.969	1.74	8670	0.241	0.353	319	<DL	28.7	3.42	123
0.468	17200	1350	<DL	7140	7.3	22.2	77.1	697	4.14	4.25	0.106	42.8	0.049	0.187	32	0.644	5.61	1.02	205	<DL	0.966	1.57	8460	0.243	0.313	306	<DL	27.4	3.17	125
0.485	17700	1500	<DL	9710	7.28	22.4	75.7	706	32.5	4.42	0.089	41.3	0.064	0.173	32.9	<DL	5.55	1.11	224	<DL	0.966	1.54	8510	0.192	0.29	315	<DL	26.4	3.23	214
0.518	19100	1450	<DL	9600	7.58	23.5	81.8	734	7.11	4.65	0.134	45.4	0.05	0.282	35.9	<DL	6	1.08	218	<DL	1.01	1.63	8980	0.241	0.311	331	<DL	28.9	3.66	130
0.516	18500	1420	<DL	8810	7.44	23.6	76.8	746	4.12	4.7	0.122	44.5	0.054	0.263	33.7	0.785	5.93	1.1	211	<DL	1.02	1.66	8380	0.265	0.308	280	<DL	28.8	3.55	128
0.525	19100	1470	<DL	9300	7.6	23.4	81.4	741	3.62	4.61	0.076	45.8	0.058	0.319	35.8	0.88	5.88	1.22	214	<DL	1.04	1.65	9250	0.249	0.289	342	<DL	28.7	3.52	132
0.489	17300	1390	<DL	11100	7.35	23.1	77	705	3.65	4.5	0.134	41	0.047	0.542	33.9	<DL	5.6	1.17	205	<DL	1.01	1.59	9460	0.216	0.337	346	<DL	27.6	3.48	129
0.408	14100	1220	<DL	12300	5.86	17.9	62.3	547	5.76	6.12	0.123	62.8	0.117	0.337	28.5	<DL	4.65	0.925	454	<DL	0.798	1.22	7360	0.319	0.239	287	<DL	21.7	2.79	111
0.485	16600	1340	<DL	14300	6.89	22.7	79.1	690	3.51	4.11	0.2	41.5	0.044	0.838	31.6	<DL	5.5	1.13	200	<DL	0.94	1.66	8690	0.229	0.37	323	<DL	26.8	3.16	128
0.349	31600	1420	<DL	14800	9.64	11.8	87.7	601	3.63	4.67	<DL	47.7	0.039	0.196	34.6	0.893	3.17	1.19	222	9.66	0.622	2	7440	0.239	0.41	311	1.85	22.1	2.35	119
0.326	33100	1410	<DL	14200	5.65	11	94.8	511	3.58	4.06	<DL	47.7	0.032	0.259	34.9	<DL	2.93	1.03	214	2.46	0.588	1.4	6840	0.259	0.273	297	1.08	21.3	2.27	115
0.31	32400	1510	<DL	12200	5.18	10.8	106	498	3.93	3.94	<DL	39.9	<DL	0.315	33	<DL	2.87	0.97	202	<DL	0.581	1.29	6620	0.282	0.261	290	0.881	18.6	2.05	120
0.307	30600	1540	<DL	14700	4.64	9.93	95.3	440	12.4	3.88	<DL	44.4	0.039	0.411	32.6	<DL	2.65	0.991	225	<DL	0.523	1.24	6150	0.263	0.282	278	<DL	18.2	2.04	116
0.487	27400	1940	<DL	24000	7.5	17.3	67.9	803	128	5.37	0.11	30	0.042	0.493	36.7	<DL	4.8	1.51	242	<DL	0.92	1.96	10100	0.171	0.451	387	<DL	30.6	3.37	374
0.494	26400	2060	6.89	31900	8.16	18.2	60.7	852	307	5.23	0.141	21.2	0.033	0.706	31.9	<DL	4.76	1.65	239	<DL	0.928	2.21	10500	0.109	0.607	368	2.17	29.9	3.22	1520
0.528	25300	2120	<DL	33800	8.3	18.5	58.9	831	261	5.82	0.196	34.2	0.039	1.04	34.6	<DL	4.97	1.52	250	<DL	1.02	2.37	10600	0.186	0.603	382	0.807	33.3	3.69	1530
0.553	24800	1870	<DL	32500	8.06	18.6	60.5	841	65.6	5.56	0.118	38.8	0.039	1.44	33.9	<DL	5.17	1.56	246	<DL	0.98	2.48	10500	0.193	0.629	379	<DL	33.7	3.72	300
0.581	25000	1750	<DL	29000	8.55	19.8	58.7	878	21.2	5.92	0.121	41.7	<DL	1.18	36.7	<DL	5.3	1.69	246	<DL	1.1	2.56	11400	0.229	0.637	413	<DL	35.9	3.92	149
0.548	24800	1720	<DL	31400	8.04	18.3	61.5	808	13.2	6	0.13	40.9	0.047	0.891	35.3	<DL	4.93	1.61	241	<DL	0.988	2.28	11100	0.192	0.531	420	<DL	33.7	3.59	145
0.518	26800	1600	<DL	22100	7.58	17.4	59.4	772	6.35	5.65	0.057	42.1	0.034	0.549	37.5	<DL	4.78	1.56	246	<DL	0.919	2.12	10600	0.234	0.513	411	<DL	32.9	3.57	140
0.486	25400	1560	<DL	16200	7.15	16.6	57.6	744	11.7	5.44	<DL	39.5	0.038	<DL	36.4	1.19	4.44	1.41	248	<DL	0.882	2.06	10200	0.183	0.435	396	<DL	30.9	3.39	142
0.476	29200	1580	<DL	15100	7.03	15.7	64.4	725	6.63	5.65	0.053	45.1	0.039	<DL	40.2	<DL	4.25	1.34	249	<DL	0.881	1.86	11000	0.22	0.407	451	<DL	30.4	3.24	137
0.48	28000	1530	<DL	13700	7.21	16.4	67.5	736	4.17	5.8	<DL	39.3	0.045	<DL	38.8	<DL	4.24	1.46	233	<DL	0.898	1.94	11300	0.207	0.426	485	<DL	30.6	3.16	137
0.459	29600	1450	<DL	14800	6.61	15.1	68.5	672	3.76	5.66	0.059	45.8	<DL	<DL	39.5	<DL	4.1	1.24	251	<DL	0.841	1.86	10400	0.216	0.376	463	<DL	29.4	3.12	127
0.46	29900	1550	<DL	15200	6.34	14.5	76.3	660	6.32	5.59	<DL	44.4	0.037	<DL	39.2	<DL	3.99	1.27	255	<DL	0.823	1.75	10600	0.222	0.372	518	<DL	27.6	3.04	128
0.412	28500	1600	<DL	13900	5.9	13.5	77.3	615	13.8	5.21	<DL	41.7	0.037	<DL	36	<DL	3.74	1.28	233	<DL	0.748	1.59	9670	0.225	0.352	465	<DL	25.4	2.7	146
0.442	27500	1560	<DL	14000	6.49	15.3	71	683	11.9	5.39	0.061	45	0.042	<DL	35.1	0.855	4.15	1.31	240	<DL	0.83	1.83	8730	0.243	0.394	367	<DL	27.9	3.21	125
0.525	29500	1780	<DL	20700	7.31	17.1	66.2	783	55	5.89	<DL	39.5	0.034	<DL	36.9	<DL	4.78	1.5	237	<DL	0.949	2.1	9210	0.232	0.434	340	<DL	32.1	3.57	206
0.496	24600	1640	<DL	21500	7.58	18	64.5	783	12.8	6	0.081	41.7	0.031	0.082	34.7	1.11	4.92	1.6	236	<DL	0.994	2.23	9450	0.219	0.505	345	<DL	32.5	3.59	131
0.549	26000	1630	<DL	21600	7.85	18.4	62.5	830	8.12	5.98	0.072	39.5	0.04	<DL	35.6	<DL	5.02	1.48	238	<DL	0.928	2.35	10100	0.209	0.467	364	<DL	33.5	3.64	141
0.496	23000	1580	<DL	22100	7.85	17.6	62.4	836	10.9	5.32	0.081	27.7	0.032	<DL	30.8	0.673	4.76	1.44	206	<DL	0.963	1.94	10300	0.12	0.452	361	<DL	29.7	3.3	140
0.618	26000	1690	<DL	22800	9.08	21.2	59.1	1090	8.57	6.41	0.157	39.8	0.034	<DL	36.5	1.6	5.72	1.59	236	<DL	1.17	2.57	9610	0.181	0.567	295	<DL	38.6	4.1	142
0.333	20800	1270	<DL	20900	5.53	12.4	62.5	553	5.49	6.56	<DL	56	0.093	<DL	29.7	<DL	3.21	1.15	440	<DL	0.626	1.42	7080	0.32	0.375	296	<DL	20.9	2.43	112
0.617	20700	1740	<DL	21600	9.53	21.7	58.6	1010	11	6.59	0.092	33.8	0.039	<DL	45	<DL	5.7	1.71	238	<DL	1.16	2.48	9620	0.187	0.631	237	<DL	37.5	4.05	143
0.963	21200	1830	<DL	26300	14.1	33.3	32.3	1520	13.7	9.46	0.102	16.2	0.055	<DL	36.8	<DL	9.11	2.52	295	<DL	1.79	4.1	11800	0.086	0.944	207	<DL	58.6	6.53	182
0.825	22100	1820	<DL	20800	12.3	27.9	39.8	1260	10.1	8.28	0.056	35.3	0.048	<DL	39.2	1.47	7.48	1.94	239	<DL	1.46	3.38	13300	0.209	0.77					

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units Detection Limits	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg 1	mg/kg 0.2	mg/kg 0.5	mg/kg 0.2	mg/kg 0.05	mg/kg 0.3	mg/kg 5	mg/kg 0.05	mg/kg 0.04	mg/kg 0.03	mg/kg 0.4	mg/kg 0.04	mg/kg 0.05	mg/kg 0.02	mg/kg 0.02	mg/kg 0.02	mg/kg 1	mg/kg 0.02	mg/kg 0.05	mg/kg 0.05	mg/kg 6	mg/kg 0.03	mg/kg 0.02
30275	A14-760-025	GMI14-025	48900	0.393	<DL	339	0.382	<DL	44200	0.147	28.9	46.1	106	0.402	155	4.55	2.71	1.58	69700	23	4.58	0.066	11400	7.14	18.8
		GMI14-025 DUP	50400	0.72	<DL	349	0.384	<DL	46100	<DL	30.4	48.1	111	0.27	165	4.57	2.75	1.67	72100	23.8	4.65	0.072	11800	7.2	18.1
30301	A14-760-051	GMI14-051	42900	0.902	<DL	218	0.388	<DL	45600	1.1	44.8	56.8	139	0.761	184	6.25	3.59	1.96	83300	21.6	6.47	0.07	8230	9.67	9.33
		GMI14-051 DUP	42800	0.847	<DL	228	0.401	<DL	47000	0.652	44.8	58.3	144	0.782	188	6.29	3.69	2.02	85500	22.1	6.38	0.075	8380	9.66	9.39
30326	A14-761-025	GMI14-076	64100	1.85	<DL	246	0.867	<DL	59900	1.39	35.9	47.4	175	0.689	97.8	7.22	4.49	1.83	117000	24.6	6.66	0.053	8770	15.6	18.6
		GMI14-076 DUP	70500	1.85	<DL	248	0.862	<DL	63900	1.68	37.1	47.9	180	0.906	97.2	7.48	4.86	1.83	118000	25.3	7.09	0.086	8900	16.1	21.1
30336	A14-761-035	GMI14-086	66800	1.12	<DL	238	0.786	<DL	63500	1.45	35.3	48.9	153	0.594	139	6.98	4.31	1.8	114000	24.5	6.66	0.073	10000	14.8	15.1
		GMI14-086 DUP	74000	1.34	<DL	257	0.833	<DL	69000	1.95	38.9	53.4	166	0.684	153	7.58	4.76	2.04	124000	27	7.39	0.092	10900	16.5	16.7

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units Detection Limits	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg 1	mg/kg 0.2	mg/kg 0.5	mg/kg 0.2	mg/kg 0.05	mg/kg 0.3	mg/kg 5	mg/kg 0.05	mg/kg 0.04	mg/kg 0.03	mg/kg 0.4	mg/kg 0.04	mg/kg 0.05	mg/kg 0.02	mg/kg 0.02	mg/kg 0.02	mg/kg 1	mg/kg 0.02	mg/kg 0.05	mg/kg 0.05	mg/kg 6	mg/kg 0.03	mg/kg 0.02
		Certified Values:		2200	3.3							20500			2E+05				14800						
		CRM PTM-1a #1		2200	3.35							19300			2E+05				11100						
		CRM PTM-1a #2		2200	3.88							19300			2E+05				11100						
		CRM PTM-1a #3		1660	4.41							20700			2E+05				16500						
		CRM PTM-1a #4		1430	3.89							20200			2E+05				16200						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	31000	2.75		326	0.418	2.16	18000	2.69	46.3	664	346	0.226	10800	1.65	0.786	1.18	197000	15	3.14		5400	14.8	
		CRM SU-1b #2	29200	2.59		306	0.334	2.4	17800	2.51	56.7	651	338	0.101	10600	1.82	0.891	1.38	190000	15.8	3.74		5320	13.6	
		CRM SU-1b #3	53200	3.97		367	0.49	2.42	24700	5.61	37.2	652	348	0.286	10200	1.6	0.918	1.12	267000	18.9	3.04		6720	17.7	
		CRM SU-1b #4	49000	3.95		391	0.496	3.01	25000	4.87	37	687	364	0.301	10800	1.51	0.824	1.12	278000	18.6	2.86		6840	18.3	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	35000	20		98.1		30.2	16600	7.78		140	177	0.282	2080				149000	39.7		1.5	3870	6.16	10.3
		CRM RTS-3a #2	35700	20.5		98.9		33.2	17400	8.1		147	184	0.249	2190				155000	40.8		1.54	4140	6.03	9.18
		CRM RTS-3a #3	55300	19.9		125		34.1	24200	10.3		154	197	0.417	2270				228000	46		1.77	5090	7.89	14.1
		CRM RTS-3a #4	58600	21.3		130		34.4	24600	10.5		154	200	0.4	2280				229000	46.7		1.79	5190	9.23	15.3
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	43100	21.3		559	1.09		13300	0.416	132	30.6	72.8	2.01	34.8	5.39		2.44	30500				15100	39.2	17.7
		CRM LKSD-3 #2	41600	21.5		549	0.946		13200	0.535	154	30.3	72.2	1.95	34.7	5.84		2.7	29800				15100	38	15.1
		CRM LKSD-3 #3	64300	20		683	1.38		17900	1.09	93.2	31.1	76.6	2.46	33.9	4.95		2.14	42200				19800	48.5	23.5
		CRM LKSD-3 #4	61200	20.8		677	1.32		17400	1.1	92.3	30.3	73.4	2.49	33.7	4.94		2.08	40800				19300	48.4	22.8



**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units Detection Limits	Al ug/L	As ug/L	Au ug/L	Ba ug/L	Be ug/L	Bi ug/L	Ca ug/L	Cd ug/L	Ce ug/L	Co ug/L	Cr ug/L	Cs ug/L	Cu ug/L	Dy ug/L	Er ug/L	Eu ug/L	Fe ug/L	Ga ug/L	Gd ug/L	In ug/L	K ug/L	La ug/L	Li ug/L
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		Actual Spike Values:		10	10	10	10	10		10	10	10		10		10	10	10		10	10	10		10	10
		Spike #1		9.48	10.5	8.39	8.63	10.4		8.98	11.8	9.64		8.94		10.7	10.3	11		9.43	11.2	9.35		8.57	8.48
		Spike #4		10.6	10.2	8.1	6.91	9.97		8.24	15.5	9.7		8.68		11.6	11	12.8		9.21	12.4	8.78		8.32	6.1
		Spike #7		10.5	11.9	9.98	10.2	10.1		10.1	10.1	10.1		10.2		10.1	10.2	10		10.5	9.9	10.3		10.3	9.86
		Spike #10		9.53	10	10	8.61	10.2		10.1	11.3	9.79		10.2		10.4	10.8	10.6		10	10.5	10.3		10.1	8.07
		Actual Spike Values:											100		100										
		Spike #2											85.4		86.6										
		Spike #5											82.7		83.8										
		Spike #8											94.1		88.5										
		Spike #11											89.7		89.4										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	11100						11000										11500				11400		
		Spike #6	7370						7980										7760				8280		
		Spike #9	10300						9930										10200				10100		
		Spike #12	10400						10500										12000				10800		



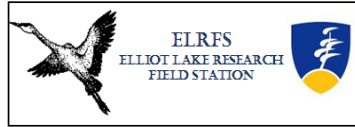
# Certified Analysis - Elliot Lake Research Field Station

JOB CODE: **GMI14-002**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-828 (45)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 08 21  
Received by: Troy Maki  
# of samples: 45  
Dates Analysed/ Analyst: Aug 22 - Sept 12, 2014 / Troy Maki  
Submission Date: 2014 09 16

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
30440	A14-828-001	GMI14-087	66800	1.8	2.95	453	0.817	<DL	56400	0.856	29.6	46.7	128	0.526	174	3.87	2.53	1.65	98100	26	4.49	0.057	18500	15.4	19.1
30441	A14-828-002	GMI14-088	62000	1.54	1.17	363	0.654	<DL	61300	0.928	24.2	57.3	142	0.319	200	4.44	2.75	1.57	115000	24.2	4.25	0.071	17400	11.9	19.6
30442	A14-828-003	GMI14-089	55300	1.17	0.732	341	0.578	<DL	57100	0.768	22	53.5	134	0.245	185	4.05	2.47	1.35	104000	22.6	3.79	0.064	15900	10.8	16.7
30443	A14-828-004	GMI14-090	51100	1.32	0.612	311	0.534	<DL	52100	0.748	21.1	51.9	123	0.167	180	3.71	2.41	1.28	102000	21.5	3.59	0.058	13800	10.5	19.2
30444	A14-828-005	GMI14-091	51300	1.42	<DL	246	0.588	<DL	55000	0.74	21.1	52.5	122	0.217	175	3.72	2.33	1.27	104000	20.3	3.67	0.076	11600	10.4	19.2
30445	A14-828-006	GMI14-092	60900	1.15	0.594	277	0.539	<DL	59800	0.772	21.1	52.9	131	0.393	173	3.86	2.42	1.29	103000	20.6	3.82	0.056	13800	10.7	16.4
30446	A14-828-007	GMI14-093	61500	1.27	0.562	251	0.513	<DL	61000	0.706	21.5	53.4	127	0.457	179	3.82	2.38	1.21	104000	20.9	3.98	0.08	13000	10.8	17.8
30447	A14-828-008	GMI14-094	52300	1.47	<DL	234	0.552	<DL	55100	0.707	20.5	52.9	128	0.301	173	3.6	2.16	1.22	100000	19.3	3.58	<DL	12300	10.2	13.5
30448	A14-828-009	GMI14-095	54400	0.71	<DL	239	0.576	<DL	57900	0.77	21.8	53.7	113	0.355	192	3.74	2.25	1.16	105000	20.2	3.77	<DL	12200	10.9	14
30449	A14-828-010	GMI14-096	53600	1.09	<DL	220	0.479	<DL	57800	0.718	20.2	53	131	0.342	177	3.33	2.14	1.12	101000	19.1	3.56	0.068	12000	10	16.1
30450	A14-828-011	GMI14-097	59000	0.928	<DL	422	0.5	<DL	55100	0.758	19.5	45.7	105	0.312	163	3.26	2.09	1.4	96500	24.9	3.5	0.079	15100	9.57	18.9
30451	A14-828-012	GMI14-098	58100	1.11	<DL	249	0.541	<DL	58100	0.833	22.1	52.5	114	0.303	188	3.91	2.41	1.23	102000	20.2	3.57	0.066	12800	10.9	17.3
30452	A14-828-013	GMI14-099	58300	0.653	<DL	246	0.545	<DL	59100	0.731	21.9	53.7	123	0.417	179	3.86	2.4	1.26	104000	20.1	3.57	0.061	12700	10.8	18.3
30453	A14-828-014	GMI14-100	49400	0.729	<DL	245	0.581	<DL	53100	0.852	23.4	53.1	111	0.263	184	4.03	2.33	1.27	104000	19.7	3.99	0.073	12100	11.7	16.3
30454	A14-828-015	GMI14-101	50200	0.777	<DL	267	0.527	<DL	52900	0.752	21.2	52	113	0.291	190	3.69	2.1	1.28	101000	20	3.73	0.066	13000	10.8	15.9
30455	A14-828-016	GMI14-102	58900	0.951	<DL	329	0.61	<DL	53200	0.901	25	44.9	64.3	0.293	180	4.14	2.4	1.5	99200	23.1	4.27	0.063	15700	12.6	12.8
30456	A14-828-017	GMI14-103	60700	1.14	<DL	289	0.703	<DL	46800	1.1	29.2	39.7	19.8	0.223	182	4.51	2.72	1.54	100000	23.8	4.87	0.079	13400	14.4	12.4
30457	A14-828-018	GMI14-104	65900	0.366	<DL	298	0.635	<DL	49200	1.16	25.3	38.5	19.6	0.365	156	3.98	2.36	1.43	94900	24.3	3.89	0.094	15000	12.9	15.1
30458	A14-828-019	GMI14-105	70500	0.715	<DL	353	0.671	<DL	51900	0.858	23.3	37.4	22.1	0.32	159	3.61	2.13	1.35	92100	25.8	3.68	0.071	19500	12	11.4
30459	A14-828-020	GMI14-106	53600	1.19	<DL	298	0.559	<DL	52600	0.929	24.9	53.6	111	0.286	161	4	2.54	1.39	106000	22.3	4.07	0.053	13200	12.5	17.4
30460	A14-828-021	GMI14-107	48000	1.35	<DL	281	0.573	<DL	44600	0.835	23.1	53.4	133	0.25	153	3.73	2.31	1.3	107000	20.6	3.8	0.073	11700	11.5	21.2
30461	A14-828-022	GMI14-108	50600	0.734	<DL	175	0.605	<DL	43900	1.07	26.6	46.4	97.9	0.132	174	4.1	2.44	1.33	98300	19.8	4.34	0.074	8140	13.3	18.1
30462	A14-828-023	GMI14-109	51000	0.845	<DL	150	0.937	<DL	49000	1.38	39.8	47.8	37.9	0.23	192	6.58	3.93	1.78	121000	22.3	6.66	0.082	6870	20.3	14.8
30463	A14-828-024	GMI14-110	47100	0.9	<DL	201	0.655	<DL	48900	0.838	25.7	53	131	0.25	161	4.04	2.53	1.34	105000	19.7	4.15	0.063	8870	12.7	18.2
30464	A14-828-025	GMI14-111	49500	0.559	<DL	249	0.576	<DL	49300	0.79	24.3	50.8	145	0.32	158	3.86	2.49	1.32	101000	19.9	4.21	0.052	10900	12	18.8
30465	A14-828-026	GMI14-112	42200	1.18	1.1	264	0.572	<DL	44400	0.943	21.8	51.4	144	0.107	172	3.45	2.03	1.2	101000	19.6	3.57	<DL	12000	11	17.5
30466	A14-828-027	GMI14-113	42100	0.993	0.601	213	0.543	<DL	45600	0.888	21.4	51.9	145	0.13	175	3.27	2.03	1.16	99600	18.8	3.68	0.066	9330	10.9	19.2
30467	A14-828-028	GMI14-114	46100	0.541	0.598	245	0.576	<DL	48400	0.961	21.6	52.1	124	0.203	177	3.64	2.21	1.21	100000	19.5	3.7	0.069	10600	11.2	20.2
30468	A14-828-029	GMI14-115	48400	0.843	0.553	258	0.511	<DL	53000	1.15	21	51.9	127	0.227	175	3.46	2.14	1.22	99100	20.1	3.76	0.053	11000	10.7	21.9
30469	A14-828-030	GMI14-116	52000	0.966	<DL	289	0.525	<DL	53000	0.868	20.9	52.8	140	0.284	173	3.45	2.3	1.26	100000	20.1	3.65	<DL	12700	10.6	17.1
30470	A14-828-031	GMI14-117	48300	0.817	<DL	299	0.529	<DL	53800	0.801	20.7	53.5	144	0.19	175	3.59	2.05	1.26	100000	20.2	3.64	0.057	13300	10.5	13.6
30471	A14-828-032	GMI14-118	46700	1.03	<DL	292	0.465	<DL	51800	0.701	19.3	52.7	136	0.199	178	3.19	1.95	1.24	98000	19.9	3.19	0.066	13600	9.73	13.8
30472	A14-828-033	GMI14-119	48400	0.433	<DL	303	0.459	<DL	53000	0.716	18.5	54.4	155	0.182	197	3.2	1.99	1.17	101000	20.6	3.33	<DL	14100	9.44	14.8
30473	A14-828-034	GMI14-120	46800	1.11	0.501	284	0.535	<DL	52000	0.873	22.1	52.7	146	0.162	173	3.64	2.21	1.27	103000	20.4	3.76	0.072	12700	11.2	16.5

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.322	23300	1240	<DL	19400	11.7	15.3	70.3	624	7.15	5.74	0.168	60	0.067	0.106	29.7	<DL	3.31	1.22	308	9.69	0.655	3.5	7610	0.339	0.992	298	1.77	21.8	2.25	121	
0.366	25700	1450	<DL	13600	7.19	13.9	97.3	699	3.77	4.8	0.157	41.6	0.059	0.099	31.6	<DL	3.42	1.28	240	2.51	0.705	2.69	8870	0.308	0.895	350	1.13	21.8	2.6	121	
0.323	21700	1320	<DL	11700	6.23	12.4	93.6	609	3.3	4.61	0.14	34	0.041	<DL	27.3	<DL	3.23	1.18	230	<DL	0.653	2.05	8000	0.256	0.59	313	1.01	19.3	2.19	110	
0.288	19600	1340	<DL	13200	5.9	11.7	92.9	591	3.41	4.23	0.121	25.8	<DL	0.091	23.5	<DL	3.01	1.16	221	<DL	0.615	1.87	7940	0.256	0.724	303	0.93	17.2	1.97	110	
0.289	21200	1330	<DL	13000	5.83	12.1	92.8	596	4.5	3.96	0.134	23.9	0.033	<DL	25.2	<DL	2.89	1.16	199	<DL	0.641	1.78	8010	0.204	0.547	305	<DL	17.9	2.03	112	
0.317	28300	1320	<DL	12600	5.81	12.2	97.7	580	3.33	4.37	0.073	40.2	<DL	0.122	31.3	<DL	2.9	0.906	208	<DL	0.654	2.02	7580	0.25	0.554	291	<DL	20.3	2.19	106	
0.342	27800	1320	<DL	13200	5.73	12	98.8	583	3.45	4.58	0.131	39.8	0.03	0.073	30.3	<DL	2.89	1.02	210	<DL	0.635	2.06	7790	0.278	0.512	302	<DL	20.3	2.28	108	
0.268	22000	1290	<DL	10600	5.64	11.6	98.4	550	3.18	3.94	0.082	30.6	<DL	0.11	26.5	<DL	2.87	0.918	174	<DL	0.592	1.81	7520	0.183	0.557	283	<DL	16.8	1.82	106	
0.307	23100	1310	<DL	11300	5.66	11.9	95.1	583	3.39	3.97	0.082	31.3	<DL	0.122	28.4	<DL	3.09	0.912	183	<DL	0.631	1.86	8060	0.2	0.523	314	<DL	18.2	1.98	108	
0.282	24200	1290	<DL	11400	5.37	11	99.5	513	4.01	4.02	0.097	31.4	<DL	<DL	28	<DL	2.79	0.935	184	<DL	0.591	1.69	7540	0.218	0.507	291	<DL	17.2	1.98	102	
0.266	13000	1240	<DL	16600	5.82	11.3	63.3	500	6.25	6.31	0.093	39.2	0.097	0.096	22.6	<DL	2.98	0.924	418	<DL	0.584	1.15	7070	0.324	0.363	265	<DL	15.3	1.81	114	
0.315	25800	1290	<DL	12300	5.84	12.1	93.4	584	4.33	4.58	0.129	33.9	0.043	<DL	29.6	<DL	3.09	0.927	204	<DL	0.64	1.95	7830	0.276	0.552	306	<DL	19.8	2.17	107	
0.302	26900	1310	<DL	12800	5.84	12.4	98.5	584	3.9	4.49	0.131	36.3	<DL	0.084	30.4	<DL	3.12	1.01	207	<DL	0.617	1.97	7850	0.218	0.518	308	<DL	20.2	2.16	107	
0.271	20200	1310	<DL	12900	6.37	13.4	92.7	626	3.97	4.36	0.071	27.3	0.044	<DL	26.5	<DL	3.09	1.01	196	<DL	0.638	1.97	8190	0.187	0.587	307	<DL	18.2	2.09	110	
0.277	20000	1280	<DL	12200	5.84	11.4	92	591	7.46	4.35	0.099	29.1	0.03	<DL	25.4	<DL	3.11	1.07	220	<DL	0.613	1.71	7760	0.229	0.533	300	<DL	16.4	1.81	107	
0.326	15800	1230	<DL	13200	6.7	13.6	68.4	680	4.55	5.21	0.136	38.8	0.066	<DL	25.7	<DL	3.26	1.05	275	<DL	0.697	2.09	8390	0.298	0.642	299	<DL	19.3	2.07	109	
0.332	9370	1260	<DL	18400	8.07	16.2	39.8	801	9.14	5.46	0.17	35.6	0.074	<DL	22.4	<DL	4.03	1.31	304	<DL	0.794	2.44	9680	0.262	0.767	320	<DL	20.6	2.41	113	
0.297	9910	1200	<DL	18700	6.98	14.1	40.1	711	20	5.33	0.139	39.6	0.045	<DL	21.4	<DL	3.26	1.14	297	<DL	0.692	1.97	8920	0.273	0.672	313	<DL	17.7	2.08	120	
0.275	8640	1060	<DL	18500	6.97	12.6	40.8	684	5.14	6.11	0.09	52	0.076	<DL	19.5	<DL	3.07	1.08	385	<DL	0.638	1.91	8680	0.337	0.711	299	<DL	16.7	1.81	107	
0.293	17400	1350	<DL	14700	6.92	14.3	94.2	709	4.82	5.09	0.194	31.2	0.041	0.116	24.2	<DL	3.59	1.12	257	<DL	0.681	1.93	8100	0.242	0.594	282	<DL	17.9	2.07	119	
0.273	18600	1490	<DL	15400	6.5	12.6	98.9	665	4.14	4.21	0.147	28.1	0.034	0.08	24.4	<DL	3.26	1.15	222	<DL	0.618	1.85	7920	0.213	0.567	256	<DL	16.8	2.02	112	
0.28	13000	1320	<DL	19100	7.26	14.5	91.1	777	6.65	4.64	0.139	19.7	0.055	0.097	20.8	<DL	3.45	1.28	255	<DL	0.7	1.98	8120	0.128	0.688	235	<DL	17.3	2.07	118	
0.511	15500	1710	<DL	24300	10.9	21.9	48.8	1170	6.17	6.08	0.232	19.9	<DL	0.085	31.3	<DL	5.28	1.71	201	<DL	1.12	3.5	11800	0.124	1.03	317	<DL	31.6	3.44	117	
0.3	18100	1420	<DL	17500	6.99	14.1	90.1	747	7.09	4.86	0.115	22.5	0.041	0.085	23.9	<DL	3.63	1.11	237	<DL	0.694	1.92	8230	0.192	0.595	273	<DL	18.2	2.08	129	
0.306	20200	1300	<DL	16700	6.46	13.8	88.7	714	3.98	4.71	0.139	28.1	0.039	0.071	25.5	<DL	3.19	0.989	237	<DL	0.671	1.94	7920	0.191	0.583	273	<DL	18.3	2.01	107	
0.219	13700	1330	<DL	14400	8.89	12.3	94.4	802	4.21	4	0.193	22.8	0.045	<DL	20	<DL	3.01	1.28	220	3.31	0.58	1.68	8040	0.19	0.509	288	1.01	13	1.62	107	
0.227	13900	1290	<DL	14800	6.21	12	94.3	742	5.31	3.84	0.134	18.3	0.04	0.112	19.4	<DL	2.87	0.992	221	<DL	0.544	1.45	7800	0.163	0.505	281	<DL	12.8	1.64	103	
0.24	17200	1390	<DL	14700	6.11	12	96.2	743	4.9	3.97	0.115	23	<DL	0.077	23	<DL	3	1.03	227	<DL	0.606	1.58	7790	0.183	0.503	289	<DL	14.7	1.83	111	
0.251	18900	1350	<DL	14600	5.68	11.8	96.7	724	12.4	4.35	0.098	24.4	0.043	0.084	24	<DL	2.81	0.959	220	<DL	0.609	1.66	7650	0.165	0.484	287	<DL	15.6	1.72	124	
0.285	23100	1280	<DL	12200	5.65	11.8	97.9	700	3.43	4.22	0.127	28.7	0.032	0.082	27.1	<DL	3.12	0.852	209	<DL	0.579	1.75	7650	0.19	0.491	290	<DL	17.4	1.97	106	
0.26	19700	1270	<DL	10200	5.63	11.5	99.9	680	3.29	4.15	0.144	24.6	<DL	<DL	24.6	<DL	2.82	0.864	197	<DL	0.6	1.59	7530	0.202	0.515	280	<DL	15.6	1.75	105	
0.227	19100	1250	<DL	9420	5.32	10.9	99	657	3.41	3.76	0.092	24.8	<DL	<DL	23.6	<DL	2.52	1.02	192	<DL	0.548	1.43	7200	0.214	0.422	274	<DL	14.4	1.56	103	
0.2	20200	1310	<DL	10300	4.99	10.2	103	618	3.28	4.09	0.115	25	0.043	0.088	25.1	<DL	2.51	0.942	205	<DL	0.536	1.47	7350	0.182	0.43	299	<DL	14.1	1.66	106	
0.287	18300	1290	<DL	11000	6.12	12.7	95.8	749	4.02	4.16	0.115	23	0.041	<DL	25	<DL	3.09	1.07	211	<DL	0.625	1.67	8000	0.201	0.505	295	<DL	16.3	1.8	107	

30474	A14-828-035	GMI14-121	50900	0.737	<DL	307	0.564	<DL	54900	1.01	22.8	54.7	141	0.218	177	3.89	2.39	1.36	105000	21.2	3.94	<DL	14200	11.2	18.2
30475	A14-828-036	GMI14-122	59800	0.532	<DL	420	0.521	<DL	54400	0.787	19.5	46	109	0.274	162	3.49	2.12	1.45	96200	24.6	3.61	0.065	15000	9.45	18.3
30476	A14-828-037	GMI14-123	46800	0.774	<DL	305	0.47	<DL	51600	0.966	21	51.7	143	0.243	187	3.51	1.97	1.19	98700	20.4	3.45	0.059	12600	10.4	18.6
30477	A14-828-038	GMI14-124	48000	1.36	<DL	331	0.466	<DL	51400	0.934	19.9	53.5	143	0.166	175	3.4	1.95	1.21	99300	20.7	3.42	<DL	14200	10	17.3
30478	A14-828-039	GMI14-125	42100	1.08	<DL	277	0.472	<DL	47100	0.645	18.1	53.3	143	0.143	182	3.02	1.81	1.12	96700	19.2	3.01	0.058	11000	9.04	20.5
30479	A14-828-040	GMI14-126	47400	1.35	<DL	353	0.526	<DL	46300	0.939	21.9	50.9	114	0.193	184	3.64	2.1	1.43	101000	21.8	3.79	0.053	12800	11.2	21.4
30480	A14-828-041	GMI14-127	47600	1.45	<DL	404	0.494	<DL	45900	0.794	20.6	49.9	123	0.157	173	3.37	2.03	1.46	98700	22.5	3.56	0.071	14500	10.5	21.2
30481	A14-828-042	GMI14-128	43700	0.87	<DL	380	0.552	<DL	43700	0.734	21.2	47.6	113	0.173	176	3.59	2.18	1.39	94800	21.1	3.65	0.064	10600	10.6	22.4
30482	A14-828-043	GMI14-129	44400	0.883	<DL	420	0.555	<DL	40400	1.03	20.8	50.8	110	0.232	170	3.26	2.09	1.35	98700	21.3	3.81	0.056	10800	10.4	29.2
30483	A14-828-044	GMI14-130	38700	1.05	<DL	216	0.471	<DL	32100	0.877	21.1	51	131	0.154	195	3.17	1.82	1.19	97100	18.3	3.58	0.059	6830	10.4	30.5
30484	A14-828-045	GMI14-131	37900	0.854	<DL	276	0.607	<DL	31100	0.734	20.1	47.9	113	0.17	157	3.06	1.96	1.18	96100	18.7	3.34	0.064	8140	10.4	31.4



0.294	20500	1320	<DL	11500	6.25	12.6	98.1	767	4.21	4.61	0.123	26.9	0.036	<DL	25.9	<DL	3.17	1.08	228	<DL	0.639	1.83	8090	0.194	0.545	288	<DL	17.9	2.06	112
0.263	12700	1240	<DL	17000	5.85	11.5	63.5	619	5.55	6.16	0.117	39.3	0.117	<DL	23	<DL	2.64	0.901	417	<DL	0.569	1.09	7010	0.265	0.336	262	<DL	15	1.79	112
0.246	19100	1270	<DL	13100	5.89	11.4	97.2	692	4.25	4.44	0.101	25	0.058	0.101	24.4	<DL	2.77	0.976	235	<DL	0.593	1.58	7410	0.181	0.618	277	<DL	15	1.59	105
0.24	19100	1260	<DL	10900	5.42	11.2	101	663	4.13	4.13	0.108	27.2	0.052	<DL	24.6	<DL	2.71	1	211	<DL	0.529	1.48	7320	0.256	0.459	278	<DL	14.8	1.73	107
0.21	16700	1270	<DL	13200	4.79	10.1	102	629	6.03	3.79	0.103	20	0.051	0.116	21.1	<DL	2.64	0.975	213	<DL	0.529	1.21	7190	0.169	0.414	286	<DL	11.8	1.52	107
0.251	17500	1360	<DL	14600	6.19	12.5	88	755	5.06	4.9	0.144	29.2	0.05	0.109	25.3	<DL	3.01	0.962	240	<DL	0.611	1.67	7960	0.235	0.565	296	<DL	15.9	1.93	109
0.269	17500	1370	<DL	13200	5.65	11.5	86.1	705	3.95	4.45	0.133	32.5	0.035	0.118	24.3	<DL	2.85	0.943	216	<DL	0.59	1.6	7630	0.269	0.495	289	<DL	15.3	1.81	106
0.253	15700	1390	<DL	15800	5.88	11.9	85.3	716	7.69	4.63	0.087	22.7	0.065	<DL	22.8	<DL	2.94	1.08	241	<DL	0.622	1.62	7550	0.206	0.528	283	<DL	14.6	1.68	124
0.259	17600	1510	<DL	17300	5.98	11.8	84.8	743	17.3	4.17	0.107	21.8	<DL	0.101	23.3	<DL	2.87	0.993	212	<DL	0.618	1.56	7890	0.166	0.529	292	<DL	14.8	1.75	152
0.196	16700	1510	<DL	17700	5.88	11.7	82.3	728	28.1	3.27	0.106	11.7	<DL	0.096	19.7	<DL	2.91	1.28	129	<DL	0.556	1.4	7780	0.09	0.53	282	<DL	12.7	1.48	176
0.209	15900	1510	<DL	17900	5.86	11.4	77.4	738	12.7	2.74	0.13	14.4	<DL	0.072	20	<DL	2.77	0.988	116	<DL	0.519	1.34	7680	0.118	0.496	282	<DL	13	1.53	177

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
30464	A14-828-025	GMI14-111	49500	0.559	<DL	249	0.576	<DL	49300	0.79	24.3	50.8	145	0.32	158	3.86	2.49	1.32	101000	19.9	4.21	0.052	10900	12	18.8
30484	A14-828-045	GMI14-111 DUP	51800	1.11	<DL	264	0.609	<DL	52000	0.979	25.5	53.4	152	0.369	165	4.16	2.5	1.4	106000	21	4.4	0.067	11500	12.6	19.7
		GMI14-131	37900	0.854	<DL	276	0.607	<DL	31100	0.734	20.1	47.9	113	0.17	157	3.06	1.96	1.18	96100	18.7	3.34	0.064	8140	10.4	31.4
		GMI14-131 DUP	39300	0.997	<DL	275	0.624	<DL	31500	0.888	20.4	47.8	114	0.174	153	3.08	1.9	1.11	96800	18.8	3.58	0.069	8010	10.3	32

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Certified Values:		2200	3.3							20500			2E+05				14800						
		CRM PTM-1a #1		2230	4.18							19100			2E+05				17800						
		CRM PTM-1a #2		2200	3.75							19100			2E+05				18100						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	45900	7.05		358	0.511	2.07	23100	3.32	31.1	622	327	0.28	10200	1.36	0.701	1.03	264000	16.4	2.86		6720	16.9	
		CRM SU-1b #2	46100	10		368	0.53	2.36	23200	3.68	31.3	619	325	0.261	10000	1.31	0.788	1.13	264000	16.3	2.97		6750	17.4	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	55000	22.5		123		33.2	22800	9.93		147	187	0.3	2230				224000	44.9		1.84	5280	8.15	15.2
		CRM RTS-3a #2	53600	22.5		120		32.2	22100	10.2		140	177	0.368	2120				213000	43.3		1.8	5020	7.74	14.6
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	58200	20.9		649	1.42		15400	1.41	80.6	28.9	69.4	0.991	38.5	4.16		1.98	39600				19100	47.3	22.3
		CRM LKSD-3 #2	60900	21.8		677	1.38		15900	1.64	82.8	29.7	70.2	1.03	41.7	4.42		2.06	40700				19700	48.6	23

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10	10		10		10	10	10		10	10	10		10	10
		Spike #1		10.3	11.7		10.1	9.79		9.44	9.89	9.7		10.5		9.64	9.87	9.9		10.2	9.79	10.2		10.4	10
		Spike #4		10.9	11.4		9.02	10.3		10.4	9.99	9.87		10.5		9.72	10	10		9.92	10.3	10.7		10.6	8.98
		Actual Spike Values:				100							100		100										
		Spike #2				101							102		101										
		Spike #5				84.3							78.7		80.5										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10400						10200										11800				10500		
		Spike #6	10900						10600										12300				11100		



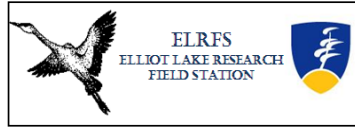
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-003

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-829 (52)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 08 21  
Received by: Troy Maki  
# of samples: 52  
Dates Analysed/ Analyst: Sept 3 - Sept 12, 2014 / Troy Maki  
Submission Date: 2014 09 30

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
30337	A14-829-001	GMI14-132	52400	<DL	2.09	437	4.05	0.427	30200	0.777	45.1	23.8	139	0.051	77.7	2.16	1.2	1.36	55000	29.1	3.82	0.052	17400	26.3	7.11
30338	A14-829-002	GMI14-133	40800	0.234	1.03	288	2.2	0.329	50900	0.601	49.7	44.3	286	0.052	38.5	2.93	1.7	1.48	67400	20	4.7	0.071	6720	27.3	20.5
30339	A14-829-003	GMI14-134	34000	1.04	0.617	419	2.54	0.383	29100	0.745	61.3	41.5	325	0.053	44.1	2.44	1.3	1.9	57700	22.4	5.49	0.055	10300	32	21.6
30340	A14-829-004	GMI14-135	34100	0.858	0.709	541	5.36	0.485	22000	1.01	80.6	34.4	325	<DL	61.3	2.72	1.46	2.13	61500	25.9	6.45	<DL	18600	42	16
30341	A14-829-005	GMI14-136	55900	<DL	0.722	404	3.54	0.336	17300	1.08	45.3	21.4	169	0.086	185	2	1.26	1.24	39700	25.6	3.94	<DL	24500	24.9	5.24
30342	A14-829-006	GMI14-137	45500	<DL	<DL	156	2.69	0.524	34400	0.326	19.8	50.2	190	0.069	202	2.46	1.62	0.936	77100	21.3	2.66	0.08	6280	11.9	25.9
30343	A14-829-007	GMI14-138	41600	5.02	<DL	180	2.7	0.617	21800	1.19	20.4	51.1	201	1.38	110	2.15	1.22	0.834	76100	23.5	2.47	0.204	7600	14	37.6
30344	A14-829-008	GMI14-139	40800	0.276	<DL	108	2.96	21.6	22800	1.02	15.1	48.1	224	0.102	189	2.08	1.28	0.928	79200	20.7	2.43	0.087	9870	6.93	24.4
30345	A14-829-009	GMI14-140	39000	0.272	<DL	265	2.79	0.759	37400	0.468	24.8	43.1	209	0.101	113	2.59	1.44	1.21	77700	20.6	3.31	0.066	16300	14.4	19.3
30346	A14-829-010	GMI14-141	49900	0.33	<DL	114	2.73	0.501	41600	0.368	20.2	44	195	0.138	43.4	3.08	1.81	1.06	85200	18.8	3.01	0.056	6570	9.02	21
30347	A14-829-011	GMI14-142	54500	<DL	<DL	107	1.6	0.308	54800	0.26	13.1	45.4	219	0.081	38	3.32	1.97	1.09	78700	18.9	2.95	0.062	5590	5.81	16.3
30348	A14-829-012	GMI14-143	57100	0.442	<DL	101	0.924	0.369	71300	0.262	9.89	48.7	213	0.093	49.6	3.4	2.18	1.06	82200	19.3	2.74	0.06	5140	4.01	12.3
30349	A14-829-013	GMI14-144	44700	0.307	<DL	218	1.01	<DL	47600	0.539	13.6	47.1	193	0.098	55.6	2.81	1.72	1.08	75300	19.7	2.8	0.062	6960	5.87	11.2
30350	A14-829-014	GMI14-145	46300	2430	3.78	621	0.959	<DL	44200	0.735	32	34.1	157	1.94	173	4.38	2.32	2.26	118000	24.8	5.78	0.085	5200	20.5	7.13
30351	A14-829-015	GMI14-146	60100	1.25	<DL	223	1.52	<DL	57600	0.381	18.2	48.8	206	0.158	92.8	3.53	2.13	1.24	86400	20.2	3.51	0.054	6290	7.88	16.3
30352	A14-829-016	GMI14-147	52600	0.674	<DL	519	3.3	0.385	32000	0.651	39.9	38.1	196	0.213	34.5	3.12	1.97	1.76	84400	25.8	4.5	<DL	13000	21.1	28.7
30353	A14-829-017	GMI14-148	46100	<DL	<DL	197	4.93	0.317	15900	0.577	50.1	42.8	243	0.157	41.7	3.83	2.17	1.66	88200	23	5.76	<DL	7580	19.5	21.5
30354	A14-829-018	GMI14-149	48300	0.348	<DL	109	2.8	<DL	31700	0.498	18.6	46	205	0.212	23	2.8	1.67	0.886	111000	18.9	3	<DL	6420	8.93	29.3
30355	A14-829-019	GMI14-150	45800	<DL	<DL	208	2.99	<DL	27500	0.537	25.9	34.3	191	0.115	26.2	2.17	1.3	1.09	74600	21	3.07	<DL	8950	16.2	16.5
30356	A14-829-020	GMI14-151	50900	0.73	<DL	150	2.34	0.321	39500	0.342	29.4	43.8	213	0.205	32.4	3.04	1.94	1.13	102000	20.7	3.64	0.062	8620	16.2	33.1
30357	A14-829-021	GMI14-152	50800	<DL	<DL	389	2.91	<DL	21300	1.19	66.5	20.4	161	0.074	56.6	2.52	1.48	1.64	57500	26.8	5.76	<DL	20700	34.7	8.23
30358	A14-829-022	GMI14-153	53800	0.531	<DL	471	2.76	0.394	41800	0.507	54.9	48.4	182	0.164	93.3	3.25	1.9	1.8	91400	27.6	4.68	0.066	17000	38.8	20.8
30359	A14-829-023	GMI14-154	47800	0.74	<DL	515	2.26	0.33	37700	0.631	60.7	63.5	229	0.129	142	2.92	1.73	1.97	76500	28.2	5.43	0.08	14700	33.1	16.9
30360	A14-829-024	GMI14-155	50400	0.451	<DL	156	1.58	0.304	47300	0.378	29.5	64.3	208	0.179	136	3.1	1.88	1.17	82800	20.7	3.79	0.06	7110	19.1	21.5
30361	A14-829-025	GMI14-156	46800	0.931	<DL	97.2	0.858	0.311	56000	0.309	9.59	73.6	217	0.119	260	3.32	1.79	0.961	88000	18	2.68	0.078	6090	4.2	12.5
30362	A14-829-026	GMI14-157	73900	1.06	<DL	183	1.32	<DL	59600	0.468	17.5	46.2	196	0.475	129	4.12	2.79	1.2	110000	20	3.55	<DL	6650	10.3	28.9
30363	A14-829-027	GMI14-158	64600	0.533	1.45	150	1.41	<DL	57500	0.397	16.4	53.7	217	0.189	138	3.61	2.36	1.13	102000	20.4	3.31	0.06	6890	8.51	24.1
30364	A14-829-028	GMI14-159	1E+05	0.232	0.874	883	5.47	<DL	13500	3.66	113	13	202	0.407	34.8	3.32	1.84	3.17	39200	58.4	8.74	<DL	61700	56.1	4.11
30365	A14-829-029	GMI14-160	71100	0.223	0.572	514	2.87	<DL	25900	1.13	54.6	23.5	159	0.218	40.5	2.8	1.86	1.9	54400	30.1	5.15	<DL	20800	28.5	12.6
30366	A14-829-030	GMI14-161	60700	<DL	<DL	449	3.51	<DL	4190	1.6	52.9	2.63	103	0.305	21.3	1.35	0.833	1.47	11900	31.1	4.16	<DL	29700	24.2	0.915
30367	A14-829-031	GMI14-162	58200	0.276	0.605	428	3.31	<DL	3310	1.69	53.1	2.84	109	0.266	9.47	1.47	0.799	1.47	11900	31	4.42	<DL	30100	24.2	0.509
30368	A14-829-032	GMI14-163	45900	<DL	<DL	531	2.75	<DL	13200	1.01	47.3	22	160	0.057	43.6	1.85	1.08	1.59	42500	28.2	3.87	<DL	18600	25.3	8.33
30369	A14-829-033	GMI14-164	56100	<DL	<DL	521	3.94	<DL	5300	1.89	44.7	3.78	120	0.234	98.8	1.3	0.764	1.46	16700	31.9	3.65	<DL	32800	20.9	0.524
30370	A14-829-034	GMI14-165	57500	0.471	<DL	474	3.91	0.474	5680	1.82	48.7	11.2	96.4	0.161	69	1.43	0.848	1.48	26200	30	3.72	<DL	33200	24.1	2.05

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.155	3990	679	5.39	29300	17	17.1	48.2	267	28.4	4.33	0.122	22.7	0.104	0.08	13.1	1.34	2.85	1.18	316	9.15	0.459	9.08	5860	0.239	4.09	243	2.86	8.81	0.994	82.8	
0.189	17100	1040	7.87	20400	6.38	21.3	120	906	9.36	4.47	<DL	7.5	0.08	0.078	18.3	<DL	4.11	0.87	297	2.45	0.58	3.39	8320	0.116	1.69	310	1.41	11.4	1.33	98.7	
0.137	16300	974	9.73	22600	5.65	29.1	155	1170	10.2	3.9	0.104	13.6	0.089	<DL	12.9	<DL	5.1	0.722	282	<DL	0.587	4.22	6530	0.179	2.06	237	1.2	8.5	0.931	122	
0.149	10800	991	<DL	24800	14.5	34.1	128	1310	21.2	2.98	0.085	23.8	0.043	0.095	11.7	<DL	5.63	1.22	160	<DL	0.688	7.83	6200	0.255	5.33	282	1.08	10.1	0.999	144	
0.153	4560	477	5.17	37000	11.9	17.6	42.3	210	16.4	3.79	0.148	37.3	0.058	0.077	10.4	<DL	3.03	<DL	286	<DL	0.444	15.6	3810	0.283	12.7	150	0.801	9.29	1.08	61.7	
0.204	12400	1040	7.66	28000	5.42	8.85	76.7	396	16.8	3.52	<DL	10.8	0.047	0.107	21.7	<DL	2.29	0.747	204	<DL	0.499	1.82	8690	0.163	7.18	364	0.929	10.3	1.39	102	
0.128	7390	1010	13.7	24700	6.09	8.58	71.2	473	18.4	6.88	<DL	11.2	0.281	0.164	18.3	<DL	1.95	0.909	90.2	<DL	0.381	1.48	9200	0.122	5.37	379	0.924	7.43	1.03	137	
0.139	10100	1050	194	29000	5.13	8.57	67.3	414	68.9	1.98	<DL	14.6	<DL	<DL	20.5	2.61	2.31	0.921	84.4	<DL	0.393	<DL	8880	0.153	1.71	416	0.85	8.6	0.968	130	
0.168	9970	1070	30.2	23600	4.94	10.9	68.5	405	13.2	2.55	<DL	24.9	<DL	<DL	20.1	<DL	2.46	<DL	131	<DL	0.491	0.936	8630	0.232	1.55	378	1.02	8.98	1.17	113	
0.218	18600	1140	5.57	32100	6.56	10.3	76	477	11.6	3.16	<DL	10.4	<DL	0.072	27.9	0.731	2.69	<DL	131	<DL	0.527	<DL	9210	0.117	2.36	379	0.849	12.2	1.41	116	
0.232	19800	1120	4.86	30300	4.23	8.21	79.1	450	9.38	4.11	<DL	7.07	0.036	<DL	29.6	<DL	2.6	<DL	208	<DL	0.52	<DL	9260	0.076	0.764	394	0.823	13.7	1.77	99.4	
0.263	24800	1150	7.08	26800	3.1	7.41	81.9	436	13.5	4.34	<DL	8.2	0.037	<DL	31.5	<DL	2.65	<DL	199	<DL	0.571	<DL	9280	0.093	0.296	394	0.864	15.7	2.06	92.3	
0.185	9790	1060	6.91	26100	3.89	8.59	79.1	425	9.76	3.32	<DL	10.6	0.044	<DL	20.1	<DL	2.38	<DL	183	<DL	0.471	1.12	8950	0.089	1.39	364	<DL	9.94	1.42	89.8	
0.27	18000	4670	3.81	10100	15	21.9	109	3000	8	4.57	<DL	9.87	0.048	2.12	11.2	2.66	5.01	1.42	206	<DL	0.951	3.82	6820	0.09	1.51	149	2	18.5	1.75	163	
0.269	23800	1190	5.71	33000	5.33	10.5	77.5	460	17.3	3.99	<DL	9.35	<DL	<DL	34.8	0.932	2.89	<DL	169	<DL	0.609	2.93	9280	0.108	1.47	409	0.988	16.6	1.88	89.1	
0.237	13000	1090	<DL	30400	7.23	16.2	64.8	509	19.7	4.94	<DL	27.9	0.097	0.075	26.9	<DL	3.43	<DL	263	<DL	0.621	2.94	8720	0.235	4.91	368	<DL	12.9	1.59	138	
0.199	8500	1040	<DL	32400	11	22.8	81.1	770	13.7	3.34	<DL	11.7	0.047	<DL	25.1	1.2	4.63	0.748	140	<DL	0.747	1.89	9860	0.132	16.8	374	<DL	13.9	1.58	172	
0.202	15400	1160	<DL	29500	5.9	9.65	77.6	595	11.4	3.24	<DL	10.8	0.034	<DL	28.6	<DL	2.37	<DL	158	<DL	0.512	0.746	9740	0.115	5.67	464	<DL	11.7	1.51	158	
0.15	5360	1010	<DL	30500	5.5	10.5	62.5	496	16	3.78	0.057	13.3	0.051	0.07	20.2	<DL	2.42	<DL	221	<DL	0.435	2.44	8800	0.127	4.17	353	<DL	8.42	1.05	116	
0.235	18800	1150	3.84	27800	4.64	12.2	79.5	554	13.8	3.72	<DL	15.5	0.056	<DL	30.6	2.9	2.87	<DL	170	<DL	0.551	0.763	9610	0.125	4.27	446	<DL	13.4	1.61	127	
0.168	4410	616	3.03	35000	10.6	26.6	38.3	284	35.4	4.97	0.122	37.2	0.087	<DL	13.1	<DL	4.5	0.701	321	<DL	0.616	8.4	5180	0.255	5.5	219	<DL	10.9	1.13	64.1	
0.234	15800	1110	5.37	27800	5.32	18.3	77.1	467	15.4	6.27	<DL	37.8	0.116	<DL	27.3	<DL	3.46	<DL	406	<DL	0.643	2.75	8290	0.292	3.76	417	<DL	13.5	1.69	104	
0.175	10600	1090	4.27	29100	7.33	22.2	79	449	16	6.28	<DL	28.2	0.107	0.084	21.5	0.626	3.95	0.774	412	<DL	0.625	2.89	8320	0.222	2.24	360	<DL	10.4	1.21	103	
0.242	16200	1170	3.96	29000	5.81	11.7	83.9	509	14.2	4.38	<DL	11.4	0.069	<DL	25.3	<DL	2.61	<DL	225	<DL	0.542	1.55	9370	0.101	1.33	398	0.812	12.6	1.49	97.1	
0.24	14600	1210	6.36	27100	3.05	7.43	88.7	548	16.8	3.38	<DL	7.55	<DL	<DL	25.6	<DL	2.24	<DL	161	<DL	0.577	<DL	9890	0.099	0.283	407	0.802	11.8	1.7	92.4	
0.392	35400	1170	5.29	38200	4.01	9.83	84.8	627	10.1	6.14	0.1	20.4	0.079	<DL	44.4	2.1	2.75	<DL	272	<DL	0.636	1.04	8210	0.083	2.14	395	<DL	24.4	2.69	90.8	
0.307	25800	1240	5.42	34600	6.78	9.48	89.2	619	9.2	5.39	<DL	15.2	0.058	0.138	35.6	<DL	2.63	0.757	230	3.77	0.581	0.784	9370	0.128	1.69	421	1.09	18.2	2.03	95.9	
0.239	7250	457	<DL	70200	22	42.4	22.9	561	32.3	9.13	0.326	99.2	0.206	0.168	29.5	2.72	7.11	1.35	593	2.56	0.874	18.1	4040	0.523	7.08	132	1.87	14.3	1.55	78	
0.212	13000	658	<DL	46700	9.48	21.3	40.3	321	23	6.35	0.102	32.4	0.113	0.113	56.3	2.33	3.93	<DL	403	<DL	0.614	10.8	5030	0.242	4.26	215	<DL	13.9	1.67	73.2	
0.084	1300	166	<DL	36800	12.5	20.4	4.14	109	74.6	4.8	0.172	45.6	0.114	<DL	2.03	1.41	3.34	<DL	338	<DL	0.416	13.5	1230	0.324	5.63	28	<DL	5.63	0.723	32.5	
0.075	949	180	<DL	33100	12.9	20.6	4.68	140	13.4	4.11	0.093	46.9	0.081	0.093	1.63	<DL	3.45	<DL	293	<DL	0.43	12.4	1360	0.24	4.81	30	<DL	5.91	0.604	38	
0.133	3970	649	<DL	31800	8.4	17.5	42.2	300	23.9	3.64	0.051	27.7	0.072	<DL	11.7	<DL	2.81	<DL	234	<DL	0.438	5.69	4840	0.174	4.96	181	<DL	7.13	0.793	85.4	
0.09	1310	253	<DL	36200	13.8	18.1	7.91	211	52.9	3.76	0.272	52	0.074	0.115	2.18	<DL	3.21	0.705	249	<DL	0.354	10.8	1280	0.364	6.27	39.7	<DL	5.26	0.701	46.8	
0.083	2330	333	<DL	37300	16	18.4	15.3	310	64.9	3.74	0.205	58	0.085	<DL	5.69	<DL	2.82	0.804	264	<DL	0.329	10	2290	0.401	8.48	84.6	<DL	5.79	0.735	53.2	

30371	A14-829-035	GMI14-166	41900	0.278	<DL	606	2.72	0.391	30700	0.706	47.1	45.1	196	0.216	49	2.93	1.75	1.97	75900	28.3	4.36	0.061	11300	27.6	21.9
30372	A14-829-036	GMI14-167	51100	0.395	<DL	475	2.39	0.314	14600	1.43	53.6	35.8	121	<DL	105	2.18	1.18	1.59	46000	28	5.1	<DL	20400	26.1	8.45
30373	A14-829-037	GMI14-168	38600	1.04	<DL	96.7	1.23	<DL	43100	0.321	12.5	49.8	186	0.046	74.9	2.55	1.67	0.94	74600	16.7	2.61	0.065	4640	6.93	10.4
30374	A14-829-038	GMI14-169	34800	<DL	<DL	140	2.13	0.374	24300	0.233	13	57.3	179	0.187	34	2.2	1.34	0.805	86300	19.4	2.38	<DL	4690	7.23	31.5
30375	A14-829-039	GMI14-170	44900	472	1.7	469	1.47	<DL	27900	1.05	37.7	34.9	189	0.615	84.6	3.38	1.74	2.01	67600	26.8	5.34	0.063	14300	19	10.9
30376	A14-829-040	GMI14-171	34700	0.714	<DL	65.4	2.12	0.416	29200	0.417	14.6	69.6	191	0.081	76.5	2.34	1.36	0.864	75600	16.4	2.62	0.059	4460	8.25	13.8
30377	A14-829-041	GMI14-172	50800	0.381	<DL	81.2	2.39	0.396	27400	0.421	24.9	50.2	181	0.258	104	3.47	2.13	1.1	98100	18.6	3.85	0.066	3540	12.2	34.9
30378	A14-829-042	GMI14-173	34400	0.458	<DL	140	1.74	0.328	34900	0.372	9.34	45	199	0.109	59.1	2.58	1.42	0.936	82300	17.2	2.46	0.092	7450	4.47	17.8
30379	A14-829-043	GMI14-174	45100	0.277	<DL	209	3.77	2.16	8240	0.979	23.8	64.5	187	0.165	125	1.99	1.15	1.03	86600	22.9	2.78	<DL	6930	8.97	22.5
30380	A14-829-044	GMI14-175	50000	0.776	<DL	451	3.71	0.312	10400	1.66	55.3	23.4	145	0.07	95.9	1.99	1.27	1.52	44500	27.7	4.71	<DL	25900	27.1	9.28
30381	A14-829-045	GMI14-176	38300	0.697	<DL	242	6.81	0.41	27300	0.546	52.4	38.4	180	0.065	43.5	3.7	2.11	1.77	73200	21.6	6.08	0.059	9330	21.3	13.5
30382	A14-829-046	GMI14-177	44000	0.818	<DL	585	3.25	0.561	16300	0.749	30.3	24.6	159	<DL	157	1.94	1.06	1.58	53000	29.2	3.37	<DL	15300	13.1	6.33
30383	A14-829-047	GMI14-178	53900	<DL	<DL	322	4.43	0.727	9700	1.07	35.3	18	130	0.046	102	1.9	1.07	1.25	49200	26.5	3.6	<DL	18900	15.6	7.61
30384	A14-829-048	GMI14-179	43100	0.958	<DL	134	2.34	0.397	47400	0.44	16.3	39	202	0.072	29.4	2.85	1.69	1.01	80100	19.4	2.9	0.082	8280	9.31	13.8
30385	A14-829-049	GMI14-180	38900	0.245	<DL	389	3.26	0.668	18400	0.697	36	28.9	145	<DL	123	1.8	1.05	1.31	60800	23.5	3.5	0.058	14800	20.3	7.29
30386	A14-829-050	GMI14-181	40100	0.208	<DL	93.7	1.32	0.431	41700	0.264	9.31	44.8	191	<DL	67.7	2.79	1.69	0.939	77800	16.8	2.67	<DL	7320	4.35	13.5
30387	A14-829-051	GMI14-182	38900	<DL	<DL	80.3	2.19	0.491	43300	0.364	15.3	44.4	197	<DL	117	2.71	1.66	1.01	76700	17.5	2.99	0.065	5290	7.03	10.8
30388	A14-829-052	GMI14-183	44300	0.769	<DL	88.6	2.67	1.26	44700	0.435	13.7	48.9	193	0.044	142	3.11	1.68	0.962	81100	17.8	2.67	0.075	5150	6.05	13.4

0.194	13800	1190	3.77	23600	6.31	18.3	67.6	560	20.7	5	<DL	17.5	0.091	0.088	20.8	1.09	3.57	<DL	282	<DL	0.593	2.76	8410	0.161	2.54	354	0.916	11.3	1.42	146
0.145	3930	634	<DL	33300	9.73	20.4	40.5	322	54.8	3.8	0.113	28.5	0.063	0.07	11.8	<DL	3.59	<DL	212	<DL	0.494	8.67	4540	0.253	3.92	182	<DL	9.07	1.08	91
0.18	9550	1160	7.05	24700	3.11	7.87	75.3	535	16.1	3.98	<DL	5.2	0.047	<DL	21.1	<DL	2.19	<DL	214	<DL	0.458	<DL	8900	0.071	0.285	349	<DL	9.31	1.41	97.2
0.149	18300	1280	4.97	20900	4.15	6.79	74	510	8.68	2.09	<DL	5.63	<DL	<DL	18.8	0.71	1.8	<DL	81.1	<DL	0.367	<DL	8510	0.08	1.82	365	<DL	8.92	1.04	169
0.181	7460	1370	3.89	7830	19.7	20.2	112	1660	11	3.31	<DL	24.7	0.034	1.03	9.21	1.41	4.12	2.63	177	<DL	0.7	3.67	8290	0.247	1.48	131	1.96	10.1	1.42	129
0.163	9340	1220	3.19	25600	3.35	7.4	80.5	558	17	2.31	<DL	5.19	<DL	<DL	17.7	0.815	2.14	<DL	94.2	<DL	0.442	<DL	8880	0.063	0.524	341	<DL	8.11	1.18	136
0.255	17600	1200	<DL	31800	7.79	12.3	72.3	666	35	3.45	<DL	6.75	<DL	<DL	28.7	1.7	3.09	<DL	125	<DL	0.609	1.26	9050	0.092	14	429	<DL	14.8	1.79	140
0.165	9620	1220	<DL	21600	2.98	6.48	72.9	528	16.3	2.73	<DL	11.3	<DL	<DL	19.2	<DL	2.07	<DL	120	<DL	0.441	<DL	9010	0.102	0.625	360	<DL	8.31	1.06	124
0.093	8090	846	<DL	35600	15.6	11.2	74.3	746	27	2.2	<DL	10.5	<DL	<DL	20.6	1.36	2.5	0.787	103	<DL	0.402	4.27	7920	0.117	33.7	347	<DL	7.53	0.867	151
0.144	3620	585	<DL	31700	12.5	20.7	37.8	380	27.5	3.35	0.227	41.4	0.053	<DL	9.93	<DL	3.65	0.783	183	<DL	0.487	10	4050	0.266	6.62	165	<DL	7.63	1.05	88.6
0.181	7610	970	<DL	32500	23.8	24.8	63.5	1020	86.3	4.1	<DL	11.9	<DL	<DL	18.5	<DL	4.7	1.23	156	<DL	0.809	5.7	7400	0.101	56.7	368	<DL	14	1.58	116
0.136	4240	726	5.07	32400	9.84	13.6	46.1	403	28.1	3.71	0.057	19.8	0.074	<DL	12.9	<DL	2.55	<DL	238	<DL	0.367	5.02	5210	0.151	6.06	211	<DL	7.05	0.841	86.9
0.099	3650	522	<DL	36500	12.8	14.8	33.3	542	26.8	4.35	0.141	28.4	0.089	<DL	11.3	<DL	2.66	0.719	269	<DL	0.402	7.06	4230	0.22	11.7	187	<DL	7.51	0.879	81.9
0.214	14200	1330	3.15	23600	4.08	8.79	77	583	10.2	4.39	<DL	12.8	0.078	<DL	23.3	<DL	2.31	<DL	256	<DL	0.52	<DL	8980	0.129	1.17	368	<DL	11.5	1.45	144
0.134	5880	927	<DL	30700	9.5	12.7	78.7	480	26.8	3.75	0.051	22.2	0.073	<DL	14.4	0.715	2.31	0.715	212	<DL	0.401	2.93	6050	0.171	4.06	254	<DL	7.15	1.07	107
0.205	12600	1290	3.05	22800	3.07	6.82	81.9	564	9.37	3.54	<DL	10.5	0.041	<DL	21.7	<DL	2.08	<DL	177	<DL	0.471	<DL	8800	0.106	0.313	354	<DL	10.5	1.47	125
0.179	9640	1280	<DL	25800	6.68	8.98	75.6	651	15.9	3.43	<DL	6.11	0.048	<DL	20.1	<DL	2.53	<DL	206	<DL	0.489	0.882	8860	0.066	1.16	368	<DL	9.18	1.32	115
0.235	13400	1350	<DL	29500	4.37	8.56	79.1	629	30.6	3.57	<DL	7.11	0.041	<DL	23.8	<DL	2.28	<DL	156	<DL	0.526	2.26	9080	0.102	1.61	362	<DL	11.6	1.56	134

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
30361	A14-829-025	GMI14-156	46800	0.931	<DL	97.2	0.858	0.311	56000	0.309	9.59	73.6	217	0.119	260	3.32	1.79	0.961	88000	18	2.68	0.078	6090	4.2	12.5
		GMI14-156 DUP	46100	<DL	<DL	94.3	0.771	<DL	55300	0.35	9.32	74.1	216	0.103	263	3.11	1.75	0.912	88000	17.7	2.8	0.077	6100	3.96	12.3
30388	A14-829-052	GMI14-183	44300	0.769	<DL	88.6	2.67	1.26	44700	0.435	13.7	48.9	193	0.044	142	3.11	1.68	0.962	81100	17.8	2.67	0.075	5150	6.05	13.4
		GMI14-156 183 DUP	46900	0.473	<DL	84.1	2.6	1.17	45400	0.37	14	47	187	0.077	136	3.16	1.76	0.937	80600	17.3	3.01	0.061	4990	6.22	15

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2520	3.13							21800			238000				15500						
		CRM PTM-1a #2		2910	3.18							24000			263000				17200						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	50300	7.86		340	0.64	2.32	25500	3.57	30.8	708	360	0.275	11000	1.39	0.744	1.25	225000	17.2	3.22		7250	15.3	
		CRM SU-1b #2	45400	12.8		345	0.537	2.51	23100	2.88	30.4	701	347	0.196	10700	1.35	0.634	1.27	222000	16.7	3.23		7040	15.1	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	52900	26.2		110		31.6	21800	9.07		162	198	0.208	2370				185000	46		1.66	5350	7.06	16.1
		CRM RTS-3a #2	50000	21.6		112		31.3	20000	9.12		157	189	0.223	2300				180000	44.5		1.7	5120	7.09	15.3
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	56400	22.6		582	1.46		14500	1.54	73.4	31.2	71.7	0.485	38.7	4.05		2.1	38600				19500	37.4	22.3
		CRM LKSD-3 #2	55800	22.8		615	1.57		14700	1.66	76.9	31.9	72.2	0.577	45.4	4.13		2.2	39300				19500	39.1	21.6

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10	10	10	10		10	10	10		10		10	10	10		10	10	10		10	10
		Spike #1		9.48	11.3	9.3	9.89	9.61		9.4	9.46	9.65		9.78		9.5	9.63	9.49		9.89	9.91	9.63		9.32	9.77
		Spike #4		11	8.32	9.49	10.1	9.34		9.13	9.62	10.5		10		10.2	11.7	10.3		10.4	10.2	9.63		9.34	9.96
		Actual Spike Values:											100		100										
		Spike #2											103		102										
		Spike #5											96.6		95.7										
		Actual Spike Values:	10000						10000											10000				10000	
		Spike #3	10800						10400											10700				10600	
		Spike #6	9820						9810											10000				9820	





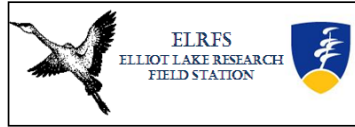
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-004

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-830 (51)**

**ELRFS Contact Information:**

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**Sample Tracking:**

Date Received: 2014 08 21  
Received by: Troy Maki  
# of samples: 51  
Dates Analysed/ Analyst: Sept 3 - Sept 24, 2014 / Troy Maki  
Submission Date: 2014 09 30

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
30389	A14-830-001	GMI14-184	57200	0.589	1.49	64.8	3.01	0.948	41600	0.169	14.6	43.2	188	0.198	146	3.77	2.42	0.927	94600	16.3	3.21	<DL	4130	6.61	21.7
30390	A14-830-002	GMI14-185	48500	0.588	0.824	127	3.32	3.41	35900	0.301	29.9	50.3	175	0.084	169	3.8	2.35	1.17	95000	17.6	4.01	<DL	6800	13.7	18.9
30391	A14-830-003	GMI14-186	48400	0.905	0.596	169	5.1	1.02	33900	0.438	84.6	41.7	217	<DL	326	7.06	3.98	2.55	78500	18.9	9.3	<DL	5080	30.7	14.5
30392	A14-830-004	GMI14-187	67600	0.483	0.579	1020	2.94	<DL	8420	0.548	47.4	3.26	149	1.54	3.87	1.48	0.986	1.82	12300	39	3.18	<DL	29400	24.5	1.83
30393	A14-830-005	GMI14-188	65500	0.437	0.568	794	3.06	<DL	5850	0.629	40.3	2.32	175	1.25	3.34	0.997	0.735	1.38	11300	37.2	2.2	<DL	30900	24.3	1.8
30394	A14-830-006	GMI14-189	67000	0.639	0.558	1020	2.21	<DL	10900	0.739	64.7	5.54	135	0.814	23.1	2.43	1.44	2.4	17700	41.9	5.09	<DL	28500	25.6	2.3
30395	A14-830-007	GMI14-190	55800	0.908	0.548	188	1.1	0.423	54900	0.203	18.1	38.6	190	0.061	95.7	4.02	2.52	1.25	80000	19.7	3.7	<DL	5640	8.14	9.38
30396	A14-830-008	GMI14-191	39600	1.03	0.661	126	0.621	0.438	48300	0.199	12.8	52.5	172	<DL	132	3.37	2.07	1.06	78600	16.6	3.21	<DL	4440	5.22	6.78
30397	A14-830-009	GMI14-192	33300	1.02	0.591	176	1.13	0.531	38900	0.207	15.2	38.5	184	<DL	110	2.91	1.64	1.07	72700	17	3	<DL	5200	6.26	9.03
30398	A14-830-010	GMI14-193	47000	0.858	0.576	427	1.83	0.357	31400	0.747	45.6	28.3	155	<DL	141	3.2	1.86	1.49	59500	24.7	4.33	<DL	10300	20.4	7.97
30399	A14-830-011	GMI14-194	51200	0.307	0.546	544	2.44	<DL	13500	0.733	43.1	10.5	150	0.299	17.4	1.68	1.03	1.33	28200	30.8	3.11	<DL	22000	22.5	3.15
30400	A14-830-012	GMI14-195	37300	2070	5.91	621	0.583	<DL	37500	0.692	36.2	28	130	1.9	168	4.83	2.51	2.36	115000	25.4	6.55	0.051	4260	19.7	4.42
30401	A14-830-013	GMI14-196	38800	0.873	0.589	287	0.924	0.399	43900	0.255	17.7	34.3	180	<DL	86.5	3.43	2.03	1.28	75400	20	3.43	<DL	7410	7.22	11
30402	A14-830-014	GMI14-197	46700	1.14	0.596	491	2.71	0.415	19800	0.762	66.4	21	149	<DL	123	2.83	1.66	1.87	60100	27.9	5.48	<DL	14600	27.4	4.98
30403	A14-830-015	GMI14-198	42400	0.861	0.537	317	1.72	0.478	38000	0.44	46.3	30.8	160	<DL	115	3.35	1.86	1.58	60400	21.9	4.71	<DL	8900	21.6	5.45
30404	A14-830-016	GMI14-199	40400	0.702	<DL	132	0.7	0.355	52800	0.204	14	42.2	196	<DL	137	3.61	2.06	1.08	77600	17.4	3.36	<DL	4990	5.5	7.29
30405	A14-830-017	GMI14-200	53800	0.399	<DL	967	2.14	<DL	4890	1.08	114	1.5	104	0.642	28.4	1.85	1.13	2.36	10200	41.8	5.66	<DL	32600	59.1	0.492
30406	A14-830-018	GMI14-201	40100	0.959	0.516	153	1.87	0.591	32700	1.81	78.3	37.4	150	<DL	177	3.21	2.01	1.27	72900	19.4	5.16	<DL	5570	42.2	8.45
30407	A14-830-019	GMI14-202	42300	0.926	<DL	130	0.943	0.515	40400	0.236	24.2	71.6	184	0.047	646	3.55	2.06	1.2	94800	17.4	3.89	<DL	5340	9.61	16
30408	A14-830-020	GMI14-203	41600	0.947	<DL	190	0.698	0.357	53500	0.196	20.3	41.4	168	<DL	130	3.48	2.12	1.26	81800	19.1	3.6	<DL	6560	7.78	9.31
30409	A14-830-021	GMI14-204	39400	0.9	<DL	151	0.674	0.365	51300	0.159	13.1	46.8	149	<DL	253	3.31	2.01	1.1	80600	16.2	3.1	<DL	4540	4.98	10
30410	A14-830-022	GMI14-205	38200	1.74	0.526	254	2.23	0.415	32100	1.2	65.5	49.7	144	<DL	116	3.27	1.86	1.49	72100	22	5.2	<DL	7950	33.5	10.2
30411	A14-830-023	GMI14-206	36100	1.23	<DL	212	2.93	0.339	29600	0.744	67	101	157	<DL	431	4.18	2.3	1.78	104000	20.3	6.37	<DL	5510	25.7	14.5
30412	A14-830-024	GMI14-207	44500	0.742	<DL	200	0.57	0.384	54600	0.223	11.6	54.3	159	0.072	299	3.55	2.18	1.24	84000	18.8	3.21	<DL	6600	4	11.7
30413	A14-830-025	GMI14-208	36900	1.12	<DL	151	2.45	0.484	22600	0.269	30.2	44.8	178	<DL	67.1	3.29	1.88	1.33	82300	18.8	4.43	<DL	5600	7.89	20.1
30414	A14-830-026	GMI14-209	43900	0.817	0.753	155	1.13	0.359	40200	0.218	15.8	39.8	153	0.058	138	3.44	2.11	1.16	85000	18.3	3.45	<DL	4310	5.12	20.6
30415	A14-830-027	GMI14-210	50600	1	0.505	185	1.25	0.392	55400	0.328	54.3	33.3	150	0.074	25.8	4.01	2.52	1.48	80300	20.7	5.13	<DL	5470	32.4	12.8
30416	A14-830-028	GMI14-211	48400	0.813	<DL	175	0.653	0.538	52000	0.325	19.9	52.4	169	0.127	187	4.05	2.51	1.29	85000	18.4	3.84	<DL	5590	8.78	15.5
30417	A14-830-029	GMI14-212	47200	0.678	<DL	161	1.1	0.391	43300	0.304	16.5	34.7	154	0.082	44.5	3.69	2.31	1.22	84300	17.9	3.54	<DL	4120	6	20.5
30418	A14-830-030	GMI14-213	45800	0.795	<DL	272	0.788	0.359	41000	0.304	17	41.8	154	0.09	69.3	3.55	2.13	1.29	81100	21	3.42	<DL	8970	7.26	12.4
30419	A14-830-031	GMI14-214	45700	1.08	<DL	129	2.21	0.312	22600	0.291	35.8	53.7	152	0.046	313	3.44	2.05	1.33	93600	18.9	4.31	<DL	4640	12.4	14.3
30420	A14-830-032	GMI14-215	44900	0.577	<DL	811	1.94	0.381	35200	0.478	50	26.3	125	0.044	169	3.5	2.05	2.28	60400	32.1	4.96	<DL	7920	22.9	6.48
30421	A14-830-033	GMI14-216	46200	0.431	<DL	409	1.36	<DL	45300	0.446	32.4	35.7	138	<DL	88.3	3.71	2.28	1.67	67800	24.1	4.26	<DL	12500	13.6	5.93
30422	A14-830-034	GMI14-217	45300	0.472	<DL	181	0.895	0.329	40300	0.621	29.3	35.1	151	<DL	52.3	3.76	2.33	1.33	68500	18.2	4.36	<DL	5570	12.8	10.9

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.315	30600	1540	<DL	34700	8.39	9.29	73.6	478	17.1	3.74	0.063	7.98	<DL	0.267	38.1	2.19	2.68	1.2	197	7.6	0.559	2.32	8330	<DL	0.958	371	1.11	19.1	2.23	148	
0.273	20200	1340	<DL	28200	9.16	13.8	67.5	511	23.3	4.11	0.071	12.9	0.051	<DL	30.6	<DL	3.28	0.857	257	2.41	0.628	9.41	8490	0.11	78.6	375	0.873	17.2	1.98	150	
0.364	13800	945	<DL	37400	42.1	41.8	58.2	615	21.2	4.97	0.07	7.5	0.04	<DL	30.4	3.02	8.79	1.58	214	<DL	1.26	4.92	8430	0.063	9.59	356	<DL	30.1	2.97	97.7	
0.146	3610	202	<DL	38200	7.29	17.3	<DL	247	30.2	5.01	0.132	140	0.118	<DL	2.87	1.67	2.87	0.765	445	<DL	0.317	15.6	1020	0.7	6.67	26.9	<DL	8.8	1.02	46	
0.134	2490	168	<DL	35700	8.04	11.3	<DL	145	35.4	4.3	0.142	163	0.087	<DL	2.58	1.47	1.76	<DL	382	<DL	0.209	25.9	858	0.791	10.1	27.4	<DL	6.74	0.875	38.5	
0.194	5930	279	<DL	37600	7.95	27.2	1.75	414	23.1	6.69	0.175	92.7	0.141	<DL	4.85	1.5	4.86	0.956	553	<DL	0.509	9.72	1490	0.49	4.59	43.5	<DL	12.2	1.42	60.4	
0.348	24600	1120	5.23	28300	5.03	10.3	67.3	448	16.1	5.78	<DL	13	0.082	<DL	36.7	1.04	2.89	0.701	351	<DL	0.615	1.72	7930	0.089	1.07	346	<DL	20.6	2.45	88.2	
0.238	12700	1050	7.76	20300	3.8	8.68	70.6	447	16.2	3.51	0.061	7.99	0.039	<DL	25.9	1.58	2.59	<DL	221	<DL	0.516	<DL	8020	0.072	0.64	333	<DL	13.1	1.83	86.7	
0.173	9950	1020	4.84	18900	4.31	9.08	64.4	437	11.2	4.17	0.069	10.1	0.071	<DL	21.4	2.7	2.62	<DL	327	<DL	0.476	0.776	7790	0.104	0.756	309	<DL	9.71	1.44	92.8	
0.222	8880	790	<DL	29700	9.16	17.8	46.8	351	27.3	4.42	0.144	21.8	0.076	<DL	21.7	1.32	3.53	0.799	312	<DL	0.539	12.1	6160	0.173	4.17	254	<DL	12.6	1.68	79.6	
0.156	4070	381	<DL	30300	9.26	14.3	12.4	153	29.5	4.21	0.17	95.1	0.078	<DL	10.3	<DL	2.47	<DL	338	<DL	0.31	18.7	2560	0.573	11	107	<DL	8.03	1.09	51.8	
0.265	16100	4090	3.59	8650	15.4	23.8	97.8	2760	8.3	4.51	0.097	9.68	0.043	2.02	12	4.34	5.39	1.45	211	<DL	0.919	4.26	5830	0.097	1.55	131	1.98	20	1.96	141	
0.23	12800	1080	<DL	20300	3.91	10	64.3	436	12.8	4.48	<DL	16.6	0.064	<DL	25.5	2.16	2.79	<DL	285	<DL	0.554	1.43	7810	0.144	0.706	322	<DL	13.3	1.84	96.2	
0.172	4870	574	<DL	30400	14	26.5	35.7	344	25.2	5.33	0.128	27.5	0.1	0.105	16.6	1.89	4.79	0.952	410	<DL	0.565	11.1	4770	0.212	5.82	222	<DL	11.3	1.41	78.3	
0.215	8480	831	4.08	26500	8.49	19.3	52.3	416	50.2	5.14	0.101	17.4	0.097	0.079	21.1	1.81	4.01	0.786	368	<DL	0.583	5.67	6560	0.128	3.36	266	<DL	12.7	1.69	85.4	
0.254	13500	1010	7.91	19100	3.84	9.17	68.5	430	12.8	3.22	0.052	10	<DL	<DL	26.2	1.6	2.65	<DL	173	<DL	0.524	1.01	8080	0.084	0.665	325	<DL	13.9	1.89	76	
0.128	2020	44	<DL	27600	9.52	31.8	<DL	59.6	18.9	5.47	0.164	106	0.126	<DL	1.82	1	4.58	<DL	458	<DL	0.456	25	993	0.511	6.38	27.7	<DL	9.59	1.01	41	
0.258	10800	979	<DL	26900	9.52	21.4	52.2	350	69.3	3.96	0.299	8.61	0.049	<DL	22.2	1.34	3.68	0.811	224	<DL	0.577	38.1	6750	0.062	11	307	<DL	13.4	2.01	103	
0.253	17700	1120	<DL	22000	4.18	12.4	69	426	48.9	4.19	<DL	12	0.056	<DL	31	1.22	3.07	0.714	240	<DL	0.566	<DL	8370	0.088	1.13	365	<DL	14.6	1.88	114	
0.257	15300	1150	<DL	19900	3.26	11.7	72.8	474	14.5	5.78	<DL	16.3	0.088	<DL	29.2	0.717	3.12	<DL	390	<DL	0.557	<DL	8220	0.137	0.611	344	<DL	14.5	1.96	89.8	
0.24	14200	1060	<DL	19900	2.83	8.67	77.7	436	86.3	4.14	<DL	9.68	0.059	<DL	26.2	0.879	2.61	<DL	257	<DL	0.522	<DL	7670	0.071	0.145	324	<DL	13.3	1.82	82.4	
0.192	8030	1000	<DL	20500	12.8	21.5	75.4	422	33.9	3.8	0.21	13.1	0.073	<DL	21.4	1.3	4.09	0.802	251	<DL	0.591	10.7	7430	0.136	5.66	296	<DL	11.4	1.6	103	
0.217	13500	1070	<DL	22300	15.5	28.4	90.8	362	66.1	4.21	0.111	7.86	0.056	<DL	30.9	1.49	5.51	0.936	231	<DL	0.762	9.02	7970	0.064	51.1	377	<DL	15.2	1.77	138	
0.268	17400	1160	<DL	19800	3.16	8.36	81.7	431	57.9	4.57	<DL	17.1	0.064	<DL	29.6	1.35	2.73	<DL	276	<DL	0.542	<DL	7930	0.099	0.547	337	<DL	15.2	1.96	89.6	
0.146	8790	1010	<DL	23000	12.5	17.2	67.1	613	16.5	3.46	<DL	8.57	0.043	<DL	25.2	1.17	3.82	0.818	207	<DL	0.566	0.702	9140	0.078	5.05	320	<DL	11	1.34	146	
0.255	16100	1130	<DL	24200	6.05	10	76.6	440	15.3	4.83	0.064	9.59	0.07	<DL	28.1	0.734	2.85	0.831	285	2.17	0.553	<DL	8250	0.085	1.38	351	0.973	14.2	1.91	106	
0.33	21800	1160	<DL	23800	4.61	17.8	63.7	471	10.3	6.6	0.068	13.5	0.112	<DL	34.2	1.26	3.83	0.786	399	<DL	0.656	3.05	7810	0.077	1.87	352	<DL	19.7	2.41	96.5	
0.326	18900	1180	<DL	22800	3.74	11.2	83.4	527	17.7	5.27	<DL	14.6	0.07	<DL	32.5	2.48	3.03	<DL	294	<DL	0.625	1.15	8460	0.117	0.651	353	<DL	18.4	2.35	90.4	
0.292	18800	1170	<DL	25300	3.72	10.3	69.1	485	27	5.41	<DL	9.31	0.084	<DL	32.2	<DL	2.9	<DL	328	<DL	0.577	<DL	8230	0.067	1.13	357	<DL	16	2.09	101	
0.259	16800	1120	3.44	23200	3.63	9.48	71.4	452	11.9	5.05	<DL	22.1	0.076	<DL	28.5	1.12	2.77	0.747	275	<DL	0.555	1.8	7990	0.158	0.902	333	1.07	15.3	1.97	101	
0.204	12300	830	<DL	30200	10.5	17	64	532	31.4	4.18	0.06	9.43	0.048	<DL	26.6	1.2	3.65	0.827	217	<DL	0.56	1.77	7750	0.076	3.12	337	<DL	14.3	1.67	116	
0.237	11900	852	<DL	29500	7.23	20.4	48	455	11.6	5.85	0.111	16.5	0.109	<DL	21.5	<DL	4.09	<DL	384	<DL	0.625	5.88	6130	0.127	4.43	257	<DL	15	1.9	97.2	
0.284	15300	956	3.82	25100	6.58	14.7	57.5	404	11	5.68	0.133	33.5	0.09	<DL	26.3	1.23	3.54	0.775	342	<DL	0.609	6.05	6920	0.257	2.52	286	<DL	16.9	2.14	75.3	
0.295	15500	906	4.05	27700	4.91	14.2	70.9	454	12	4.78	0.104	11.4	0.071	<DL	27.8	<DL	3.5	<DL	253	<DL	0.605	6.03	7370	0.073	2.22	301	<DL	16.6	2.02	73.6	

30423	A14-830-035	GMI14-218	63600	0.415	<DL	762	2.71	<DL	7430	2	176	3.37	97.8	0.712	37.7	3.25	1.96	2.62	15300	38.3	9.6	<DL	25900	84.1	1.32
30424	A14-830-036	GMI14-219	64000	11.9	0.551	1290	1.46	0.32	39600	0.592	105	17.4	135	5.19	20	5.58	3.18	3.43	42600	47.5	9.59	<DL	27100	41.4	25.9
30425	A14-830-037	GMI14-220	48500	430	1.84	485	0.953	<DL	30800	0.871	43.8	28.6	161	1.29	76.2	4.56	2.33	2.18	66000	26.7	6.07	0.051	12500	18.2	10.7
30426	A14-830-038	GMI14-221	43700	0.669	<DL	163	1.32	0.506	37100	1.47	33	34	146	<DL	96.8	3.45	2.16	1.21	74900	21.2	4.13	<DL	7240	15.6	8.98
30427	A14-830-039	GMI14-222	43900	0.696	<DL	209	0.767	0.328	48900	0.532	17.9	34.6	183	<DL	21.7	3.87	2.4	1.25	74900	19.1	3.66	<DL	5890	8.51	7.7
30428	A14-830-040	GMI14-223	49400	0.817	<DL	141	0.496	0.352	50800	0.246	13.5	37.7	169	<DL	21.6	4.22	2.69	1.27	77800	16.3	3.76	<DL	4750	5.38	8.2
30429	A14-830-041	GMI14-224	40700	0.7	<DL	71.3	1.02	0.377	34200	0.215	21.6	33	177	<DL	18.5	3.49	2.14	0.983	75500	15.7	3.43	<DL	3740	10.1	8.32
30430	A14-830-042	GMI14-225	49100	0.927	<DL	237	2.39	0.338	22500	2.04	86.1	21.7	145	<DL	58.5	3.9	2.5	1.53	73500	22.1	6.24	<DL	8540	43.2	5.97
30431	A14-830-043	GMI14-226	44100	0.868	<DL	144	2	0.405	33000	0.423	36	35.9	163	<DL	38.5	3.51	2.13	1.26	80700	19.7	4.17	<DL	6890	17.5	7.17
30432	A14-830-044	GMI14-227	46400	0.991	<DL	176	1.53	0.408	35000	0.651	37.9	32.5	154	<DL	106	3.6	2.15	1.33	64200	19.1	4.56	<DL	6710	15.3	8.04
30433	A14-830-045	GMI14-228	49100	1.26	<DL	117	1.59	0.659	18100	0.823	61	35.3	176	<DL	254	3.44	2.04	1.39	66400	20.2	5.2	<DL	7590	29.8	8.11
30434	A14-830-046	GMI14-229	47100	1.12	<DL	75.2	1.75	0.7	22900	0.476	50.3	30.6	157	<DL	185	3.75	2.27	1.35	79000	19.3	5.03	<DL	6040	24.3	9.51
30435	A14-830-047	GMI14-230	46900	1.06	<DL	162	0.804	0.49	41000	0.401	35.6	36.9	178	0.056	53.3	4.07	2.54	1.41	79500	18.4	4.4	<DL	6140	19.9	13.4
30436	A14-830-048	GMI14-231	46600	1.11	<DL	162	0.528	0.434	47600	0.288	14.9	38.5	172	0.051	68.3	3.83	2.35	1.13	76700	16.1	3.49	<DL	5410	6.15	13.8
30437	A14-830-049	GMI14-232	43700	0.841	<DL	130	1.35	0.371	31600	0.533	41.7	32.2	147	<DL	142	3.63	2.17	1.15	86200	17.1	4.69	<DL	4790	18.7	13
30438	A14-830-050	GMI14-233	40800	0.826	<DL	224	1.5	0.318	39300	0.401	20.9	38.1	149	<DL	27.7	3.66	2.23	1.35	74900	18.2	3.76	<DL	5970	8.89	12
30439	A14-830-051	GMI14-234	42700	0.983	<DL	235	1.54	0.317	41400	0.4	22.1	39.7	154	<DL	27.7	3.85	2.27	1.4	78000	18.9	3.97	<DL	6220	9.3	12.7

0.246	3700	228	<DL	37400	17.4	49.4	<DL	139	19	6.23	0.3	77.8	0.115	<DL	2.65	<DL	7.31	0.851	403	<DL	0.753	42.3	1440	0.352	6.43	43.2	<DL	17.3	1.83	46
0.365	13200	1070	<DL	7640	17.2	44.9	43.3	703	14.2	4.88	0.096	127	0.039	0.923	14.9	<DL	8.21	2.72	161	<DL	1.12	12.4	4510	0.577	3.09	113	1.8	25.4	2.92	107
0.238	15800	1290	3.91	10400	20.5	22.7	105	1540	13.9	4.86	0.134	36.2	0.059	1.14	12.6	2.48	5.31	3.97	233	<DL	0.82	4.94	7300	0.338	1.56	120	2.25	18.3	2.01	113
0.266	13300	940	8.09	26400	7.32	13.1	66.8	426	22.7	3.95	0.249	12.8	0.041	<DL	25.4	<DL	3.08	0.764	198	<DL	0.596	14.6	7340	0.118	4.37	315	<DL	15.2	2.09	80.2
0.311	18000	1050	7.35	23900	5.68	9.67	69	453	10.3	4.34	0.108	14.6	0.058	<DL	29.9	<DL	2.83	<DL	210	<DL	0.582	5.33	7880	0.118	2.31	328	<DL	17.4	2.28	74.6
0.345	20800	1060	4.74	27900	3.18	9.57	72.9	479	9.51	4.93	<DL	12.8	0.059	<DL	35.7	1.08	3.04	<DL	225	<DL	0.64	<DL	8270	0.084	0.163	345	<DL	20.3	2.56	74.7
0.256	15800	1010	3.72	27400	3.36	10.4	72.4	447	12	4.08	0.051	5.81	0.044	<DL	27.8	1.12	2.8	<DL	204	<DL	0.559	<DL	8160	<DL	0.855	321	<DL	14.9	1.95	85.4
0.318	10500	706	<DL	35000	14.5	25.9	47.8	376	14.6	4.25	0.241	16.5	0.049	<DL	23.4	1.84	4.9	0.993	204	<DL	0.725	22.9	6200	0.118	7.16	271	<DL	18.3	2.4	73.6
0.273	12800	878	<DL	29300	5.86	14	57	424	11.4	4.48	0.054	14.3	0.064	<DL	26.5	1.45	3.28	1.07	256	<DL	0.584	4.3	7070	0.105	2.38	328	<DL	15.1	1.96	80.2
0.261	12300	903	3.14	32000	6.24	16.6	54.3	444	16.5	4.87	0.09	14.1	0.073	<DL	24.4	<DL	3.72	<DL	267	<DL	0.586	5.09	6790	0.112	2.57	282	<DL	15.5	1.94	79.1
0.223	10400	739	6.4	36100	7.41	21	52.7	441	15.9	3.72	0.091	14.8	0.037	<DL	20.7	1.62	3.91	0.919	187	<DL	0.59	6.94	6130	0.108	3.5	290	<DL	14.4	1.81	87.6
0.248	13800	935	12.4	34200	5.81	19.2	59.6	456	12.5	3.67	0.08	12.1	<DL	<DL	27.6	2.27	3.97	0.793	156	<DL	0.664	3.18	7130	0.091	2.28	328	<DL	16.8	1.95	92.1
0.312	18400	1120	<DL	27400	4.5	13.6	72	502	11.2	5.07	0.065	14.5	0.073	<DL	31.7	1.85	3.42	0.705	255	<DL	0.662	2.44	8210	0.12	1.05	342	<DL	18.3	2.34	95.2
0.327	20300	1150	8.59	26500	2.9	9.04	91.6	488	9.37	5.55	<DL	16.9	0.086	<DL	32.7	0.951	2.96	<DL	312	<DL	0.58	<DL	7860	0.1	0.178	323	<DL	17.8	2.25	92.9
0.271	15500	1020	<DL	29500	5.36	16.7	61.5	484	11.9	4.08	0.112	13.5	0.045	<DL	26.7	0.842	3.68	0.772	198	<DL	0.598	4.08	7120	0.097	1.66	311	<DL	15.5	2	97.1
0.262	15400	1220	<DL	24100	4.01	10.8	68.8	524	12	4.88	<DL	16.9	0.087	<DL	27.6	0.826	3.03	0.834	277	<DL	0.581	0.918	7540	0.13	0.667	305	<DL	15.2	1.98	101
0.297	16400	1260	<DL	25200	4.16	11.6	72.5	549	13.3	5.2	0.08	17.7	0.076	<DL	29	<DL	3.32	0.837	291	<DL	0.609	0.985	7900	0.156	0.724	312	<DL	16.2	2.16	106

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
30413	A14-830-025	GMI14-208	36900	1.12	<DL	151	2.45	0.484	22600	0.269	30.2	44.8	178	<DL	67.1	3.29	1.88	1.33	82300	18.8	4.43	<DL	5600	7.89	20.1
		GMI14-208 DUP	37400	0.851	<DL	151	2.35	0.462	22500	0.284	29.8	43.8	168	<DL	65.3	3.41	1.8	1.34	79700	18.5	4.35	<DL	5470	7.86	20.8
30439	A14-830-051	GMI14-234	42700	0.983	<DL	235	1.54	0.317	41400	0.4	22.1	39.7	154	<DL	27.7	3.85	2.27	1.4	78000	18.9	3.97	<DL	6220	9.3	12.7
		GMI14-234 DUP	49700	0.897	<DL	531	0.696	<DL	43500	0.661	28	42.2	130	0.186	160	4.17	2.5	1.88	78700	26.1	4.52	<DL	15200	10.5	15

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2060	4.28							17300			231000				12700						
		CRM PTM-1a #2		2170	4.33							18100			239000				13200						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	36400	2.55		330	0.338	2.45	18900	2.91	35.8	550	289	0.128	10600	1.41	0.738	1.14	213000	15.1	3.14		5640	15.5	
		CRM SU-1b #2	36400	2.35		341	0.31	2.39	19700	2.97	38.4	540	290	0.213	10400	1.45	0.775	1.23	210000	15.2	3.51		5640	16.1	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	43800	15.7		110		33.3	18800	9.28		128	163	0.211	2290				179000	38.6		1.65	4360	6.93	10.2
		CRM RTS-3a #2	46100	18.2		116		35.7	20300	9.25		129	165	0.348	2260				181000	39.7		1.63	4510	7.63	10.1
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	50900	20.2		612	1.1		14100	1.14	99.8	27.3	67.4	0.759	33.2	4.85		2.23	35300				17200	44.3	15.5
		CRM LKSD-3 #2	50100	18.6		622	0.914		14600	1.14	104	25.1	62	2.14	31.8	5.06		2.37	32600				16100	45.7	15.5

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10	10	10	10		10	10	10		10	10	10	10	10		10	10	10		10	10
		Spike #1		9.29	12.5	9.36	8.77	10.1		9.29	10.5	9.07		9.7	10.6	10.1	10.5		9.47	10.2	9.85		9.72	8.56	
		Spike #4		9.06	13.1	8.95	6.63	10.5		8.86	11.8	8.54		9.52	10.6	10.2	10.9		8.94	11.2	9.68		9.38	5.57	
		Actual Spike Values:											100		100										
		Spike #2											81		90										
		Spike #5											76.7		87.8										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	9360						9360										9210				9380		
		Spike #6	8300						8900										8690				9100		



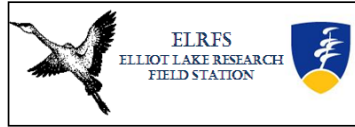
# Certified Analysis - Elliot Lake Research Field Station

JOB CODE: **GMI14-005**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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**Batch: 14-831 (27) & 14-858 (12)**

**ELRFS Contact Information:**

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**Sample Tracking:**

Date Received: 2014 08 28  
Received by: Troy Maki  
# of samples: 27 + 12  
Dates Analysed/ Analyst: Sept 3 - Sept 24, 2014 / Troy Maki  
Submission Date: 2014 09 30

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
30485	A14-831-001	GMI14-235	56300	0.67	1.23	327	1.79	0.468	29500	1.36	71.8	29.7	116	0.484	68.1	3.28	2.04	1.62	67100	22.9	5.53	<DL	7790	46	28.4
30486	A14-831-002	GMI14-236	48700	0.455	0.587	95.7	2	0.308	41100	1.02	55	39.5	128	0.176	270	3	1.81	1.33	84400	18.4	4.84	<DL	6100	33.1	23.6
30487	A14-831-003	GMI14-237	48200	0.861	<DL	58.3	3.23	<DL	27400	0.705	23.3	37.1	153	0.148	101	2.57	1.61	0.785	97600	18.4	2.98	<DL	3080	12.6	23.8
30488	A14-831-004	GMI14-238	48200	0.727	<DL	70.5	2.11	0.307	29900	0.456	14.1	39.5	163	0.155	88.8	2.55	1.58	0.854	90200	18.7	2.47	<DL	3260	8.86	26.9
30489	A14-831-005	GMI14-239	50800	0.732	<DL	88.4	2.94	<DL	30600	0.707	27.8	37.9	161	0.169	61.5	2.99	1.78	1.02	86000	20.6	3.51	<DL	4680	16	27
30490	A14-831-006	GMI14-240	52800	1.4	<DL	116	3.53	0.499	31500	0.882	72.2	36.3	155	0.126	312	3.82	2.07	1.6	68900	20.5	6.36	<DL	8200	39.6	16.6
30491	A14-831-007	GMI14-241	47600	0.794	<DL	65.2	2.89	0.375	28400	0.819	66.2	33.7	143	0.1	135	3.38	2.05	1.36	73400	17.8	5.83	<DL	5420	38.2	11.2
30492	A14-831-008	GMI14-242	58900	0.711	<DL	129	2.27	<DL	23700	1.52	97.3	17.5	120	0.081	244	3.15	1.92	1.48	55800	20.4	6.77	<DL	11900	61.9	7.27
30493	A14-831-009	GMI14-243	56300	0.429	<DL	175	2.45	<DL	23500	1.23	69.5	24.7	138	0.1	173	2.98	1.7	1.42	55300	20.6	5.61	<DL	12300	41.4	10
30494	A14-831-010	GMI14-244	46000	0.346	<DL	66.4	2.38	0.448	25400	0.665	37.3	31.9	141	0.107	83.4	2.65	1.54	0.951	72900	17.1	3.65	<DL	3280	21.7	13.6
32004	A14-831-020	GMI14-245	41900	0.389	<DL	45.9	2.78	1.55	29600	0.689	38.2	37.8	137	0.08	478	3.06	1.83	1.09	76100	17.3	4.06	<DL	1180	22.9	8.83
32005	A14-831-021	GMI14-246	50800	0.622	<DL	251	1.69	0.577	46600	0.527	26	32.1	156	0.087	96	3.02	1.8	1.25	77900	23.9	3.4	0.06	6750	17.6	10.7
32006	A14-831-022	GMI14-247	57600	0.584	<DL	305	2.25	0.811	20700	0.728	48.5	28.3	138	0.132	288	2.34	1.4	1.34	61900	25.5	4.1	<DL	9660	30.5	12.9
32007	A14-831-023	GMI14-248	48600	<DL	<DL	899	3.02	0.941	11700	1.03	68.8	22.2	177	0.127	363	1.97	1.1	2.09	40500	35.4	4.77	<DL	22200	42.3	9.9
32008	A14-831-024	GMI14-249	34200	<DL	<DL	550	3.44	0.656	19700	1.4	111	26.8	424	0.112	105	2.2	1.23	2.16	41300	26.1	7.69	<DL	13700	63.3	17.5
32009	A14-831-025	GMI14-250	53300	1.28	<DL	504	2.95	0.492	23000	1.72	73.3	20.4	185	0.114	173	2.15	1.33	1.61	39500	28.5	5.07	<DL	14300	46	15.2
32010	A14-831-026	GMI14-251	35200	0.602	<DL	115	1.29	0.585	38000	0.304	15	34.5	257	0.096	159	1.88	1.14	0.734	62000	15	2.03	<DL	3620	9.18	29.1
32011	A14-831-027	GMI14-252	45600	0.614	<DL	172	0.683	0.361	50800	0.353	10.1	38	284	0.073	124	2.13	1.31	0.744	69100	16.8	1.92	<DL	4970	5.57	13.4
32012	A14-831-028	GMI14-253	50400	0.826	<DL	351	3.17	<DL	45600	0.869	47.9	33	129	0.046	69.8	3.45	2.04	1.64	75400	24.1	5.07	<DL	8070	24.6	14.9
32013	A14-831-029	GMI14-254	51100	0.631	<DL	651	2.17	<DL	42600	0.658	40.5	30.4	131	0.07	84.4	2.91	1.68	1.85	68000	30.3	4.33	<DL	10600	21.8	10.5
32014	A14-831-030	GMI14-255	42700	0.804	<DL	776	1.58	<DL	32700	0.498	17.5	45.3	270	0.225	49.2	1.66	1.01	1.51	76200	30.2	2.15	<DL	11200	10.6	43.7
32015	A14-831-031	GMI14-256	38700	0.799	<DL	388	2.4	<DL	21800	0.31	19.3	48.6	270	0.166	47.5	1.36	0.799	0.992	76900	22.4	2.01	<DL	5540	11.5	61.9
32016	A14-831-032	GMI14-257	53500	0.417	<DL	1570	2.85	<DL	34200	1.03	56.1	25.9	116	0.091	61.6	2.67	1.66	3.09	59400	50	4.79	<DL	13400	36.3	11.3
32017	A14-831-033	GMI14-258	47500	0.562	<DL	700	1.89	<DL	38300	0.664	34.4	39.7	146	1.03	118	3.09	1.79	1.8	87600	31.2	3.97	<DL	15300	23.5	32.5
32018	A14-831-034	GMI14-259	47200	1.13	<DL	476	3.79	0.606	14500	1.71	46.3	33.8	137	0.193	52.7	2.78	1.67	1.64	49700	31.8	4.44	<DL	9370	26.4	30.4
32019	A14-831-035	GMI14-260	52700	0.322	<DL	668	4.03	0.554	23300	1.2	62.8	19.6	158	0.161	69.8	2.47	1.48	1.97	41000	32	5.14	<DL	14300	31.8	18.1
32020	A14-831-036	GMI14-261	56300	0.589	<DL	708	4.07	<DL	25700	1.18	57.8	22.8	164	0.12	67.2	2.18	1.35	1.97	44000	33.5	4.71	<DL	12100	29.8	20.7
30243	A14-858-001	GMI14-262	49800	1.99	0.708	513	0.53	0.387	47800	0.434	12.8	48.4	92.4	0.222	113	4.78	2.89	2.02	163000	27.5	4.41	0.077	10700	5.14	17.5
30244	A14-858-002	GMI14-263	53500	1.17	<DL	131	0.403	<DL	56900	0.394	13.6	27.6	59.5	0.095	34	4.55	2.76	1.33	75800	22.5	4	0.068	2090	5.62	6.87
30245	A14-858-003	GMI14-264	49900	1.81	<DL	37.1	0.432	<DL	50400	0.411	10.8	49	101	0.048	145	4.54	2.91	1.4	127000	18.2	3.81	0.066	1590	4.26	13.3
30246	A14-858-004	GMI14-265	47200	0.719	<DL	178	0.631	<DL	47600	0.499	17.6	25.5	40.6	0.1	32.5	6.62	4.06	1.86	136000	20.5	6.03	0.061	2600	6.94	11
30247	A14-858-005	GMI14-266	56600	0.404	<DL	870	1.23	<DL	39100	1.47	71.9	35.6	47.7	0.118	76.8	4	2.1	2.95	81900	36.6	7.69	<DL	13500	37	7.14
30248	A14-858-006	GMI14-267	49800	1.28	<DL	86.8	0.4	<DL	53500	0.627	11.5	46	130	0.099	104	4.26	2.62	1.33	123000	18.9	3.7	0.061	2940	4.71	9.08
30249	A14-858-007	GMI14-268	59000	0.841	<DL	50.7	0.486	<DL	68500	0.559	13.1	47.8	95.2	0.16	82.9	5.41	3.42	1.62	116000	20.1	4.63	0.069	1560	5.31	4.5



Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.243	19000	1150	<DL	36200	11.9	24.9	59.7	536	145	3.61	0.205	17.3	<DL	<DL	19.6	1.29	4.3	1.29	148	5.61	0.641	9.9	5170	0.139	3.33	218	1.53	15.2	1.77	153	
0.23	13600	1060	<DL	33900	7.23	20.9	59.4	391	32.3	2.66	0.137	10.1	<DL	<DL	20.4	<DL	3.92	0.837	115	<DL	0.589	4.99	6300	0.066	3.62	293	0.986	13	1.57	125	
0.194	13000	966	<DL	38600	5.34	10.8	71.6	427	10.8	2.64	0.111	5.59	<DL	<DL	24.6	1.18	2.53	0.721	119	<DL	0.455	3.59	7290	<DL	4.2	345	0.853	10.6	1.33	102	
0.191	12800	918	<DL	34400	3.58	7.33	75.1	441	7.7	2.89	0.077	7.13	<DL	<DL	26.2	<DL	2.08	<DL	149	<DL	0.407	<DL	7960	<DL	1.09	347	0.925	10.8	1.39	98.4	
0.217	12900	997	3.09	37800	6.15	12.4	73.5	445	7.26	3.01	0.102	8.98	<DL	<DL	24.7	<DL	2.8	0.734	128	<DL	0.518	4.13	7830	0.069	2.95	329	<DL	12.5	1.57	106	
0.243	11700	929	<DL	42900	9.94	29.7	58.2	461	13	3.77	0.107	14	<DL	<DL	20.5	<DL	5.54	0.937	162	<DL	0.749	7.5	6010	0.098	4.63	301	<DL	16.5	1.73	93.2	
0.221	13500	876	<DL	40500	7.15	26.3	60.3	657	8.67	3.22	0.135	8.61	<DL	<DL	21.8	1.88	4.86	0.786	136	<DL	0.694	4.71	6590	<DL	3.22	288	<DL	14.8	1.75	86.3	
0.236	8000	592	<DL	42400	10.3	32.7	37.5	338	9.63	3.33	0.143	20.5	<DL	<DL	14.4	<DL	5.45	0.739	144	<DL	0.692	16.1	4330	0.133	5.99	214	<DL	15.1	1.59	66.3	
0.191	8530	690	<DL	41000	8.06	26.1	46.1	365	20.3	3.15	0.16	19.8	<DL	<DL	15.7	1.42	4.61	0.711	155	<DL	0.641	9.7	5040	0.15	4.46	222	<DL	13	1.45	78	
0.18	11600	878	<DL	38000	5.45	15	56.4	398	9.09	2.54	0.088	5.85	<DL	<DL	19.9	<DL	3.09	<DL	116	<DL	0.494	3.17	6460	<DL	3.3	286	<DL	11	1.37	91.3	
0.206	13000	850	4.36	38900	6.74	16.1	62.6	562	13.5	2.58	0.069	1.7	<DL	<DL	22.2	<DL	3.51	0.768	99.7	<DL	0.565	1.57	6910	<DL	2.04	332	0.966	12.8	1.57	90	
0.235	14300	842	12.2	28700	4.49	11.4	68.4	452	13.8	4.69	0.064	9.16	0.067	<DL	25.2	<DL	2.63	<DL	285	<DL	0.508	3.08	7270	<DL	1.57	323	1.27	13.6	1.65	85.7	
0.161	9340	567	5.17	41100	6.25	18.1	55.1	499	11.5	3.11	0.108	15.8	0.038	<DL	15.6	0.894	3.45	0.737	181	<DL	0.478	6.71	4660	0.081	3.59	218	<DL	10.7	1.21	78.3	
0.114	10900	634	<DL	30500	9.85	23.1	45.4	252	13	2.96	0.13	37.1	0.057	<DL	10.4	<DL	3.82	0.709	196	<DL	0.437	11.6	2590	0.255	5.11	151	<DL	8.42	0.946	115	
0.117	19200	760	11.4	26100	11.9	44.7	189	918	11.4	4.05	0.202	14.9	0.078	<DL	6.62	<DL	6.66	0.784	280	<DL	0.653	10.4	2630	0.112	5.84	101	<DL	8	0.903	107	
0.151	8330	506	3.58	35000	9.46	24.2	62.3	317	17.5	5.35	0.205	18.7	0.103	<DL	11.4	0.832	4.01	<DL	384	<DL	0.496	17.6	2870	0.108	7.75	138	<DL	9.63	1.11	80	
0.126	16900	876	4.29	20600	2.62	7	102	228	9.81	3.4	0.082	4.2	0.042	<DL	16.9	<DL	1.68	<DL	208	<DL	0.301	1.84	4470	<DL	0.963	224	<DL	7.37	0.891	97.8	
0.165	18500	868	14	21700	2.12	5.59	117	236	7.42	3.05	0.07	7.9	0.043	<DL	22.2	1.27	1.55	<DL	168	<DL	0.335	1.29	4590	0.066	0.472	255	<DL	9.12	1.25	67	
0.257	10000	1060	4.02	32700	8.63	20.7	65.5	480	19.4	6.79	0.131	10.3	0.122	<DL	21.8	<DL	4.03	0.929	444	<DL	0.658	4.66	6390	<DL	2.17	310	<DL	14.7	1.81	110	
0.225	9170	810	<DL	29300	7.33	17.7	64.2	377	46.5	6.77	0.122	14.8	0.157	<DL	19.8	<DL	3.56	<DL	483	<DL	0.557	4.93	5670	0.074	2.17	253	<DL	12.5	1.63	88.1	
0.119	20400	1070	<DL	16000	3.5	7.42	134	207	19.2	3.46	0.072	13	0.042	<DL	18.2	<DL	1.67	<DL	231	<DL	0.291	2.84	4460	0.139	0.94	234	<DL	6.94	0.85	131	
0.101	19200	1170	<DL	16400	4.38	7.43	140	197	39.1	3.35	0.068	7.4	0.055	<DL	16	0.764	1.64	0.701	241	<DL	0.265	1.2	4480	0.072	2.05	241	<DL	5.44	0.744	169	
0.21	9320	787	<DL	33600	8.63	19.2	53.1	333	57.4	5.21	0.116	20.7	0.1	<DL	17	0.635	3.73	0.737	340	<DL	0.557	7.96	4840	0.1	3.56	214	<DL	12.4	1.53	111	
0.216	13100	1120	<DL	25400	5.7	13.4	73.3	468	22.5	5.06	0.114	55.7	0.093	<DL	23.4	<DL	3.05	0.752	323	<DL	0.508	3.47	7460	0.473	3.94	321	<DL	12.5	1.64	123	
0.192	11400	999	3.07	31200	8.12	17.9	54.8	386	240	3	0.144	18.3	<DL	0.088	15.2	1.44	3.46	1.05	158	<DL	0.541	6.06	5950	0.114	9.35	245	2.79	11.1	1.37	232	
0.174	8370	734	<DL	35500	13.9	24.2	64.6	198	111	5.35	0.182	24	0.093	<DL	11.6	<DL	4.39	1.02	368	<DL	0.554	15.9	3080	0.15	7.1	144	<DL	11.2	1.28	145	
0.177	8270	709	<DL	37200	12.8	22.6	69.4	230	52.5	6.79	0.22	19	0.128	<DL	12.6	<DL	3.95	0.972	499	<DL	0.512	10.2	3110	0.104	7.49	154	<DL	10.3	1.18	112	
0.33	19700	2010	8.07	5650	6.17	10.6	66.2	1490	4.46	4.13	0.091	12.9	<DL	0.11	33.8	<DL	3.57	1.03	107	2.26	0.809	<DL	15200	0.136	0.129	435	3.13	21.4	2.46	151	
0.353	11600	1100	<DL	15200	4.52	10.5	24.5	758	3.01	4.23	0.069	4.03	<DL	<DL	32.9	<DL	3.26	0.925	132	<DL	0.751	<DL	9800	<DL	0.134	431	1.07	20.9	2.49	74.6	
0.368	22200	1480	<DL	12600	3.64	9.23	67.2	1340	2.03	3.83	0.078	2.17	<DL	0.1	33.4	1.25	3.31	<DL	79.4	<DL	0.729	<DL	13700	<DL	0.065	441	1.4	21.8	2.54	112	
0.462	12900	1840	<DL	12000	5.52	14.8	14.9	2080	1.99	4.98	0.095	4.05	<DL	<DL	28.4	<DL	4.77	0.816	101	<DL	1.07	<DL	13200	<DL	0.126	157	<DL	29.2	3.42	130	
0.207	8790	874	<DL	22300	9.44	34.9	42.4	1450	12	6.49	0.198	23	0.112	<DL	13.1	0.971	6.82	1.42	389	<DL	0.9	3.65	8170	0.148	0.753	202	<DL	15.6	1.52	125	
0.34	22000	1330	<DL	12600	3.6	9.12	81.4	1050	1.92	3.81	0.095	5.79	<DL	<DL	35.1	0.763	3.12	<DL	100	<DL	0.68	<DL	13600	<DL	0.099	486	<DL	19.6	2.33	111	
0.466	15900	1680	<DL	19300	4.11	11.1	66.3	1280	1.86	5.85	0.087	4.08	0.032	<DL	42	<DL	3.76	<DL	175	<DL	0.883	<DL	15100	<DL	0.083	512	<DL	28.9	3.12	112	

30250	A14-858-008	GMI14-269	45900	0.888	<DL	96.4	0.201	<DL	49000	0.152	5.11	47.1	317	<DL	79.1	1.97	1.19	0.664	84100	15.4	1.8	<DL	3800	2.12	20.9
32151	A14-858-009	GMI14-270	48600	1.56	<DL	237	0.671	<DL	45500	0.694	22	38.9	110	0.091	111	4.56	2.7	1.56	103000	19.8	4.49	0.057	6700	10.8	10.6
32152	A14-858-010	GMI14-271	39400	1.04	<DL	74.1	0.383	<DL	30300	0.39	8.58	47.9	47.1	<DL	59.9	2.99	1.73	0.911	104000	15.5	2.79	<DL	3190	3.45	17.1
32153	A14-858-011	GMI14-272	41400	2.74	<DL	37.1	0.194	<DL	51500	0.143	6.94	36	139	0.047	183	2.41	1.61	0.799	86600	14.6	2	<DL	1220	3.07	20.8
32154	A14-858-012	GMI14-273	45800	1.65	<DL	43.7	0.43	<DL	45200	0.442	10.4	42.6	71	<DL	64.7	3.64	2.05	1.22	120000	19	3.35	0.053	2340	4.31	15.8

0.131	18600	1120	<DL	8110	1.62	4.31	156	376	2.02	2.25	<DL	4.25	<DL	<DL	21.6	<DL	1.45	<DL	102	<DL	0.289	<DL	5730	<DL	<DL	277	<DL	8.03	1.05	84.4
0.309	15100	1260	<DL	17300	4.93	13.3	70.6	933	6.15	4.21	0.094	12.4	<DL	<DL	26.5	<DL	3.65	0.887	134	<DL	0.753	1.44	9960	0.076	0.505	325	<DL	19.2	2.28	113
0.195	16700	1220	<DL	14300	3.55	6.68	111	716	2.38	2.66	0.077	4.75	<DL	<DL	16.9	<DL	2.26	<DL	109	<DL	0.475	<DL	9740	<DL	0.098	299	<DL	11	1.37	114
0.234	19000	1120	<DL	3890	1.79	5.3	53.2	406	3.73	3.89	<DL	2	0.038	0.236	20.7	<DL	1.73	<DL	189	<DL	0.389	<DL	5110	<DL	<DL	230	<DL	13.4	1.58	85
0.234	15000	1340	<DL	14900	3.43	8.57	73.8	883	3	4.9	0.067	2.54	0.067	<DL	26.7	<DL	2.58	<DL	266	<DL	0.6	<DL	12900	<DL	0.074	504	<DL	13.8	1.68	125

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
32020	A14-831-036	GMI14-261	56300	0.589	<DL	708	4.07	<DL	25700	1.18	57.8	22.8	164	0.12	67.2	2.18	1.35	1.97	44000	33.5	4.71	<DL	12100	29.8	20.7
		GMI14-261 DUP	56700	<DL	<DL	711	4.06	0.303	26300	1.27	58.7	22.7	165	0.132	66	2.34	1.38	1.96	44100	33.9	5.06	<DL	11900	29.7	21
32154	A14-858-012	GMI14-273	45800	1.65	<DL	43.7	0.43	<DL	45200	0.442	10.4	42.6	71	<DL	64.7	3.64	2.05	1.22	120000	19	3.35	0.053	2340	4.31	15.8
		GMI14-273 DUP	46600	1.11	<DL	41.5	0.392	<DL	43900	0.318	9.96	41	69.4	<DL	63.3	3.55	1.98	1.14	115000	18.4	3.13	<DL	2260	4.13	15.9

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
		Certified Values:	1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		CRM PTM-1a #1		2200	3.3							20500			249600				14800						
		CRM PTM-1a #2		2280	2.51							18600			235000				15200						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	44400	4.2		373	0.524	2.12	22300	3.9	30.5	589	310	0.272	10600	1.42	0.754	1.1	256000	16.7	2.98		6380	17.3	
		CRM SU-1b #2	44200	2.72		390	0.52	2.25	21900	3.37	31.5	568	301	0.28	10300	1.44	0.789	1.2	249000	16.2	3.02		6370	17.8	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	53500	19.6		125		35.1	21800	10.8		138	176	0.352	2280				216000	42.6		1.71	4940	8.15	15.9
		CRM RTS-3a #2	51600	18		126		32.8	20800	10.2		129	163	0.334	2150				203000	39.7		1.71	4730	7.95	15.8
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	60300	21.1		686	1.49		16100	1.55	84.9	28.2	68.5	1.24	33.8	4.7		2.2	40300				18900	49.8	24.4
		CRM LKSD-3 #2	60200	20.8		704	1.49		15700	1.47	84.3	26.9	64.6	1.49	32.3	4.7		2.25	38400				18500	50.2	24.8

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L	As ug/L	Au ug/L	Ba ug/L	Be ug/L	Bi ug/L	Ca ug/L	Cd ug/L	Ce ug/L	Co ug/L	Cr ug/L	Cs ug/L	Cu ug/L	Dy ug/L	Er ug/L	Eu ug/L	Fe ug/L	Ga ug/L	Gd ug/L	In ug/L	K ug/L	La ug/L	Li ug/L
		Actual Spike Values:	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	1	10	10	10	6	10	10
		Spike #1	10.5	11	10.4	10.2	9.79		10.5	9.78	9.87			10.5	9.72	9.77	9.64		10.2	9.66	10.3		10.3	10.3	
		Spike #4	9.9	11	10.5	9.19	9.87		10.1	9.85	9.41			10.4	9.7	9.82	9.75		9.58	9.95	10.1		10.3	9.17	
		Actual Spike Values:											100		100										
		Spike #2											101		110										
		Spike #5											80.4		88.1										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10200						10000										10100				10300		
		Spike #6	10000						9950										10000				10100		



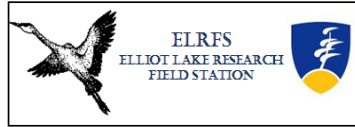
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-006

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-832 (40)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 08 28  
Received by: Troy Maki  
# of samples: 40  
Dates Analysed/ Analyst: Sept 3 - Sept 25, 2014 / Troy Maki  
Submission Date: 2014 09 30

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
30203	A14-832-001	GMI14-274	50400	0.576	0.997	49.1	0.547	<DL	42500	0.28	10.9	36.4	101	0.092	73	2.63	1.55	0.837	94500	15.7	2.59	0.052	3340	4.83	23.1
30204	A14-832-002	GMI14-275	57100	0.708	<DL	70.6	0.54	<DL	38800	0.7	14.2	28	235	0.068	47.8	1.61	0.899	0.593	55700	16.3	2	<DL	4780	6.11	7.78
30205	A14-832-003	GMI14-276	40900	0.711	<DL	767	2.81	<DL	29900	0.331	8.75	43.9	307	0.05	29.1	2.03	1.2	1.5	78700	27.4	1.94	<DL	8990	5.07	30.2
30206	A14-832-004	GMI14-277	53500	1.16	<DL	289	0.61	<DL	38900	1.43	20.8	45.5	104	0.109	167	3.5	2	1.22	98400	20.2	3.59	<DL	10100	9.87	19.5
30207	A14-832-005	GMI14-278	61400	0.726	<DL	234	1.06	<DL	50900	0.723	18.8	41.1	69.5	0.103	81.3	3.05	1.66	1.19	81200	20.1	3.16	<DL	5240	8.91	22.4
30208	A14-832-006	GMI14-279	53900	1.3	<DL	134	1.37	0.51	90100	0.298	5.55	34.9	324	0.04	11.1	1.34	0.769	0.642	77100	21.1	1.21	<DL	2850	3.43	17.5
30209	A14-832-007	GMI14-280	22600	0.556	<DL	15.9	0.392	1.01	13600	0.23	7.39	17.8	343	0.118	39.8	1.97	1.05	0.59	36500	8.86	1.98	<DL	110	3.63	9.94
30210	A14-832-008	GMI14-281	50000	1.22	<DL	115	0.438	<DL	44600	0.535	7.89	52.3	40.8	0.1	113	3.37	2.09	1.08	136000	18.5	2.93	0.053	4810	3.07	9.45
30211	A14-832-009	GMI14-282	56800	0.951	<DL	46.1	0.478	<DL	58300	0.403	12.8	48.1	106	<DL	73.9	5.15	3.08	1.35	125000	18.9	4.36	0.066	1410	4.96	5.94
30212	A14-832-010	GMI14-283	47500	1.52	<DL	41.4	0.399	<DL	46600	0.442	11.3	52.1	93	0.053	111	4.4	2.5	1.36	137000	18.9	3.71	0.069	2010	4.42	8.39
30213	A14-832-011	GMI14-284	46400	0.316	<DL	215	0.596	<DL	44100	0.898	21.6	47.3	55.2	0.054	90.5	4.01	2.36	1.08	101000	16.9	4.03	0.058	11300	10.4	15.4
30214	A14-832-012	GMI14-285	51200	1.66	<DL	90.6	0.319	<DL	50500	0.538	10.1	42	125	0.202	56	3.64	2.12	0.981	104000	17.8	3	0.051	11000	4.15	8
30215	A14-832-013	GMI14-286	43600	1	<DL	68.2	0.189	<DL	52800	0.334	5.22	41	295	<DL	79.8	1.97	1.22	0.591	79600	13.6	1.65	<DL	4370	2.41	7.25
30216	A14-832-014	GMI14-287	55300	1.01	<DL	89.2	0.29	<DL	97000	0.477	9.18	41.1	291	0.08	106	2.38	1.43	0.776	96000	17.3	2.2	0.05	2140	4.33	5.38
30217	A14-832-015	GMI14-288	48500	1.27	<DL	101	0.179	<DL	49700	0.204	4.66	48.2	270	0.076	116	1.84	1.04	0.624	84100	14.4	1.52	<DL	5930	2.09	11.9
30218	A14-832-016	GMI14-289	42400	0.62	<DL	196	0.215	<DL	42400	0.237	3.46	40.1	340	0.096	119	1.33	0.826	0.655	72400	14.7	1.11	<DL	14200	1.37	8.4
30219	A14-832-017	GMI14-290	49600	1.32	<DL	174	0.384	<DL	38700	0.346	10.3	41.5	124	<DL	114	3.71	2.17	1.24	110000	20	3.38	<DL	3910	4.07	23.5
30220	A14-832-018	GMI14-291	50700	1.04	<DL	95.9	0.671	<DL	46800	0.983	29.8	44.7	94.1	<DL	136	5	2.98	1.55	113000	20.3	5.07	0.068	3560	14.6	12.9
30221	A14-832-019	GMI14-292	52900	3.56	<DL	322	0.627	<DL	50800	1.02	25.5	49.2	92.7	0.128	149	4.39	2.44	1.53	105000	22.3	4.54	0.07	12300	12.6	14.6
30222	A14-832-020	GMI14-293	47900	0.977	<DL	152	0.408	<DL	45900	0.54	11.5	45.9	234	<DL	88.1	2.43	1.38	0.825	86100	16.7	2.33	<DL	5510	5.58	30.9
30223	A14-832-021	GMI14-294	39600	1.16	<DL	50.7	0.809	<DL	23800	6.15	31.2	45.2	82.2	0.168	96.5	4.26	2.23	1.29	109000	17.6	4.75	0.057	2710	15.3	18.4
30224	A14-832-022	GMI14-295	52900	1.47	<DL	238	0.514	<DL	54300	0.978	21.8	47.1	125	0.112	143	3.59	2.09	1.28	95200	19.9	3.76	<DL	10500	10.6	10.1
30225	A14-832-023	GMI14-296	52700	0.674	<DL	316	0.531	<DL	53800	0.831	20.8	45.3	125	0.079	168	3.67	2.14	1.37	97100	20.9	3.64	<DL	9560	10.2	10.7
30226	A14-832-024	GMI14-297	39100	0.967	<DL	241	1.57	<DL	62700	0.726	37.5	42	282	0.077	86	3.14	1.82	1.63	79100	15.3	5.19	<DL	6820	18	16.4
30227	A14-832-025	GMI14-298	48400	1.3	<DL	191	0.609	<DL	49200	1.14	23	45.6	105	0.085	164	3.86	2.34	1.23	95300	17.5	4.15	0.064	6970	11.3	13
30228	A14-832-026	GMI14-299	35000	4.08	0.603	274	0.546	<DL	34100	1.08	21.2	41.3	76.5	0.082	149	2.8	1.64	1.12	91000	19.1	3.45	<DL	10500	11	8.9
30229	A14-832-027	GMI14-300	35500	1.86	<DL	429	0.977	<DL	34500	1.82	43	40.9	41.1	0.117	142	5.62	3.18	1.92	112000	23.2	6.53	0.066	11300	22.5	10.9
30230	A14-832-028	GMI14-301	27800	0.667	<DL	201	0.147	<DL	32400	0.276	4.41	42.2	274	0.067	62.2	1.47	0.793	0.66	71500	14.9	1.35	<DL	7220	1.78	13.9
30231	A14-832-029	GMI14-302	28600	1.48	<DL	81.6	1.11	<DL	56300	1.05	90.4	30.4	266	<DL	15.2	2.91	1.48	1.97	56000	13.6	8.42	<DL	1870	49	4.34
30232	A14-832-030	GMI14-303	29800	0.69	<DL	143	0.144	<DL	31500	0.233	5.57	44.2	333	<DL	84	1.2	0.588	0.65	66600	14.7	1.32	<DL	4220	2.58	7.22
30233	A14-832-031	GMI14-304	35900	0.867	<DL	121	0.129	<DL	46500	0.328	3.59	40.4	299	0.096	59.8	1.23	0.74	0.568	68200	14.2	1.21	<DL	6660	1.52	9.4
30234	A14-832-032	GMI14-305	32100	1.79	<DL	374	0.905	<DL	33900	1.69	39.9	40.9	49	0.065	143	4.68	2.66	1.75	111000	21.7	5.88	0.102	8400	20.8	7.27
30235	A14-832-033	GMI14-306	22900	1.7	<DL	69.1	0.465	1.7	27800	0.471	10.9	38.4	148	<DL	101	2.6	1.51	0.929	82300	13.7	2.76	<DL	2300	5.41	19.1
30236	A14-832-034	GMI14-307	23700	1.16	<DL	113	0.147	<DL	26500	0.285	3.95	43.4	268	<DL	74.1	1.37	0.759	0.561	71100	12.1	1.22	<DL	3210	1.67	11.3

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.19	20100	1220	<DL	24000	7.93	7.72	40.5	471	1.25	3.47	0.077	6.79	0.031	<DL	28.7	<DL	2.2	0.867	134	4.33	0.462	0.843	8850	0.102	0.111	402	2.69	11.5	1.48	75.3	
0.087	10600	732	<DL	32900	5.02	7.44	78.6	458	2.95	4.5	0.133	8.28	0.057	<DL	16.3	<DL	1.65	<DL	269	<DL	0.274	2.35	3970	0.093	0.929	186	0.944	6.62	0.832	58.3	
0.123	19600	1170	<DL	17600	3.07	5.28	102	148	2.97	3.65	0.058	10.2	0.051	<DL	18.5	<DL	1.49	<DL	207	<DL	0.337	<DL	5390	0.166	0.275	237	1.18	7.17	1.07	116	
0.22	13500	1930	<DL	21700	6.33	11.4	74.4	505	19.9	4.97	0.128	21.1	0.054	0.11	20.5	<DL	2.97	0.962	226	<DL	0.582	1.56	6850	0.211	0.535	286	<DL	13.2	1.75	255	
0.183	6610	682	<DL	30800	4.78	10.5	61.5	435	5.34	3.85	0.092	10.6	0.035	<DL	16.8	<DL	2.73	0.972	172	<DL	0.521	1.32	5350	0.124	0.904	253	<DL	11.4	1.45	130	
0.078	14500	1110	<DL	5890	1.64	3.28	138	101	8.81	13.2	<DL	2.67	0.329	0.25	15.6	<DL	0.978	<DL	965	<DL	0.219	<DL	3510	0.069	0.249	212	1.08	5.42	0.757	67.9	
0.113	14500	460	<DL	13500	1.19	5.36	34	374	15.2	2.03	<DL	0.526	<DL	<DL	10.9	<DL	1.72	<DL	48.8	<DL	0.326	<DL	2600	<DL	0.303	97.9	<DL	10.2	1.07	45.7	
0.249	19300	1370	<DL	17200	3.39	6.62	43.4	812	1.22	3.48	0.078	11.3	<DL	<DL	36.2	<DL	2.18	<DL	107	<DL	0.548	<DL	15000	0.1	0.066	647	<DL	15.1	1.74	107	
0.351	13000	1680	<DL	19700	4.76	10.8	66.1	1230	1.54	5.15	0.066	1.78	<DL	<DL	35.6	<DL	3.56	<DL	114	<DL	0.806	<DL	15700	<DL	0.072	531	<DL	23.9	2.75	120	
0.285	14900	1210	<DL	21800	4.53	9.61	77.2	1170	2.6	3.2	0.091	2.42	<DL	<DL	30	<DL	3.2	<DL	55	<DL	0.688	<DL	15200	<DL	0.066	524	0.995	17.5	2.34	113	
0.279	16300	1360	<DL	22900	6.76	11.6	56.2	566	3.02	3.85	0.132	14	<DL	<DL	25.4	<DL	3.08	0.982	98.9	<DL	0.623	1.86	7030	0.161	0.598	290	<DL	17	2.16	104	
0.282	20700	1250	<DL	13900	3.77	8.17	65.7	591	2.22	4.29	0.085	20.6	<DL	<DL	26.4	<DL	2.38	1	131	<DL	0.577	<DL	10000	0.158	0.062	382	<DL	16.4	1.98	93.2	
0.124	21200	1050	<DL	8580	2.01	4.41	111	144	1.16	2.66	0.054	4.51	<DL	<DL	20.6	<DL	1.37	<DL	115	<DL	0.3	<DL	5000	0.089	<DL	258	<DL	8.37	1.14	72.3	
0.182	22200	1490	<DL	9220	2.77	6.28	117	266	5.73	6.15	0.097	2.9	0.111	<DL	25.8	<DL	1.73	<DL	326	<DL	0.387	<DL	5450	0.062	0.21	290	<DL	12.1	1.42	74	
0.111	20600	1110	<DL	10700	1.76	3.88	135	172	1.77	2.98	0.064	7.71	<DL	<DL	21.5	<DL	1.27	<DL	135	<DL	0.28	<DL	5080	0.109	<DL	260	<DL	8.07	0.993	76.6	
0.094	21100	996	<DL	12800	1.25	2.76	151	120	3.73	3.11	0.067	15.6	0.038	<DL	19	<DL	0.888	<DL	154	<DL	0.204	<DL	4390	0.168	<DL	238	<DL	6.13	0.8	74.6	
0.253	16800	1310	<DL	6180	4.06	8.1	60.1	644	3.55	4.9	0.061	1.97	0.062	<DL	27.9	<DL	2.63	0.749	205	<DL	0.605	<DL	10600	0.07	0.061	398	<DL	15.8	1.87	109	
0.345	13800	1170	<DL	16100	7.38	16.6	56	739	6.3	4.73	0.09	4.92	<DL	<DL	25.1	<DL	4.14	1.27	125	<DL	0.84	2.55	8270	0.072	0.818	306	<DL	22.4	2.52	122	
0.316	17000	1710	<DL	14400	6.07	14.4	70.8	621	6.4	5.13	0.122	21	0.041	0.159	26.5	<DL	3.53	0.986	168	<DL	0.711	2.15	7470	0.253	0.623	306	<DL	19.4	2.35	130	
0.156	15900	1100	<DL	13100	3.56	6.97	141	331	5.7	3.12	0.085	7.15	<DL	<DL	19.2	<DL	2.03	<DL	121	<DL	0.395	0.792	5640	0.096	0.282	251	<DL	9.51	1.26	128	
0.254	18400	2210	<DL	20900	7.18	16.5	61.5	734	77.2	2.79	0.157	5.77	<DL	0.194	14.6	<DL	4.11	1.54	37.1	<DL	0.694	2.11	5820	0.069	0.779	175	<DL	15.6	1.96	794	
0.267	17300	1330	<DL	12100	5.3	12.2	90.6	529	7.39	3.78	0.117	16.1	<DL	<DL	23.5	<DL	3.09	1.1	117	<DL	0.624	1.74	6280	0.18	0.525	263	<DL	15.6	1.94	126	
0.269	15800	1240	<DL	12100	5.84	11.5	79.2	524	5.78	3.95	0.114	13.1	<DL	<DL	22.8	<DL	2.96	0.894	112	<DL	0.612	1.7	6360	0.153	0.522	261	<DL	15.4	2.03	111	
0.192	31400	1170	5.96	14300	4.61	21.4	114	1560	3.89	4.72	0.113	8.14	0.048	<DL	23.6	<DL	4.5	0.921	186	<DL	0.669	2.14	6280	0.097	0.781	266	0.878	14.1	1.54	95.1	
0.265	15500	1230	<DL	20400	6.28	12.9	69.5	553	4.76	3.93	0.185	14.1	<DL	<DL	22.5	<DL	3.09	0.989	116	<DL	0.664	1.76	6870	0.166	0.553	268	<DL	16.2	2.11	117	
0.162	7370	1570	<DL	13600	8.75	11.8	69.5	624	25.9	3.51	0.133	24.7	<DL	0.209	14.6	<DL	2.84	1.24	141	2.27	0.51	1.33	6270	0.235	0.573	242	<DL	9.83	1.5	135	
0.359	6930	1390	<DL	11700	14	23.8	40.1	1140	7.24	4.88	0.196	25.1	<DL	0.074	20	<DL	5.7	1.82	128	<DL	0.988	2.5	10000	0.285	1.08	311	<DL	20.5	2.73	142	
0.071	8810	950	<DL	2030	2.01	3.53	139	263	2.28	1.79	<DL	5.13	<DL	<DL	9.93	<DL	1.04	<DL	70.2	<DL	0.208	<DL	4560	0.124	<DL	197	<DL	4.77	0.682	68.6	
0.108	8820	906	<DL	13100	12.6	43.9	92.6	1820	8.36	8.4	0.118	3.11	0.206	0.201	7.6	<DL	7.45	0.98	554	<DL	0.827	2.93	3870	<DL	1.77	158	<DL	8.48	1.06	72.8	
0.044	4330	911	<DL	7570	1.81	4.03	154	296	2.7	2.23	0.052	7.53	<DL	<DL	10.9	<DL	1.02	<DL	123	<DL	0.2	<DL	4730	0.094	0.062	245	<DL	3.34	0.562	68.8	
0.07	11500	1020	3.03	8070	1.64	3	160	266	2.54	2.42	0.053	12.6	0.044	<DL	17	<DL	0.9	<DL	132	<DL	0.181	<DL	4610	0.104	<DL	237	<DL	4.25	0.62	75.1	
0.287	5940	1190	<DL	13900	13.3	21.6	42	1170	6.7	4.24	0.197	19.2	<DL	0.092	17.3	<DL	5.04	1.97	102	<DL	0.902	1.94	9560	0.175	1.03	287	<DL	16.6	2.39	145	
0.148	5690	933	14	9930	3.74	7.75	67.3	819	10.2	2.58	0.077	3.11	<DL	0.242	10.5	<DL	2.2	<DL	71.3	<DL	0.459	<DL	8240	<DL	0.206	289	5.41	9.61	1.38	105	
0.072	10800	925	<DL	1730	1.58	3.31	162	308	1.88	1.66	0.065	1.5	<DL	0.08	9.9	<DL	0.992	<DL	50.1	<DL	0.219	<DL	4310	<DL	<DL	207	<DL	5.59	0.684	68.8	

30237	A14-832-035	GMI14-308	30000	0.72	<DL	105	0.136	<DL	50100	0.213	3.72	41	273	0.06	86.8	1.29	0.746	0.489	66400	12.6	1.19	<DL	4110	1.57	6.64
30238	A14-832-036	GMI14-309	33300	1.46	<DL	245	0.539	<DL	44200	0.947	19.8	40	132	0.116	181	2.97	1.62	1.14	80800	17.2	3.27	0.061	7430	10.6	7.31
30239	A14-832-037	GMI14-310	36300	1.24	<DL	211	0.478	<DL	46100	0.923	20.2	43.4	124	0.096	143	3.21	1.84	1.08	84700	16.4	3.59	<DL	7690	10.9	6.44
30240	A14-832-038	GMI14-311	37000	1.5	<DL	305	0.913	<DL	41300	1.82	39.7	41.2	38.6	0.15	202	5.32	3.01	1.8	110000	21.7	5.96	0.087	6000	21.6	7.35
30241	A14-832-039	GMI14-312	31800	1.11	<DL	271	0.586	<DL	27900	0.919	16.3	19.1	35.7	<DL	37.3	4.04	2.12	1.64	70100	19.6	3.98	0.074	6740	7.21	3.9
30242	A14-832-040	GMI14-313	33900	1.47	<DL	341	0.931	<DL	37800	1.68	38.2	41.2	42.9	0.139	140	4.84	2.69	1.82	116000	22.6	5.84	0.09	8640	20.8	7.34

\*Sample 30243 (A14-832-041) was on the chain of custody sheet for this batch but was not present. 30243 was analyzed as (A14-858-001) in report GMI14-005.



0.062	9900	925	<DL	5070	1.39	3.23	133	301	2.16	2.36	0.066	7.11	<DL	<DL	12.1	<DL	0.908	<DL	125	<DL	0.2	<DL	4140	0.075	<DL	206	<DL	4.5	0.649	75.7
0.185	9110	1130	<DL	9250	6.03	11.1	78	612	4.66	3.47	0.105	14.3	<DL	<DL	18	<DL	2.72	0.932	124	<DL	0.514	1.15	6170	0.132	0.559	257	<DL	9.69	1.42	86.1
0.223	12600	1090	<DL	9140	6.43	11.5	113	742	3.93	3.2	0.131	16.7	<DL	<DL	18.6	<DL	2.77	0.919	101	<DL	0.549	1.45	6250	0.17	0.639	237	<DL	12.2	1.55	91.3
0.37	7750	1180	<DL	11800	12.9	21.9	45.1	1140	5.99	5.11	0.172	13.4	0.031	0.12	21.2	<DL	5.21	1.75	127	<DL	0.937	2.36	9780	0.173	1.04	330	<DL	20	2.7	123
0.262	3110	1030	<DL	21300	6.38	12.1	18.8	1330	3.59	3.46	0.098	14.6	<DL	0.108	13.9	<DL	3.5	1.13	100	<DL	0.695	<DL	10800	0.149	0.359	225	2.28	14	2.01	114
0.343	6710	1440	<DL	12400	13.6	21	45	1130	6.49	4.47	0.187	22.2	<DL	0.086	20.3	<DL	5	1.81	123	<DL	0.893	1.97	10300	0.275	0.996	333	<DL	17.4	2.49	131

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
30227	A14-832-025	GMI14-298	48400	1.3	<DL	191	0.609	<DL	49200	1.14	23	45.6	105	0.085	164	3.86	2.34	1.23	95300	17.5	4.15	0.064	6970	11.3	13
		GMI14-298 DUP	53300	1.51	<DL	191	0.628	<DL	52200	1.38	23	45.6	106	0.111	166	4.11	2.4	1.29	96300	17.5	3.99	<DL	7120	11.4	14.5

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg		
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>								
		CRM PTM-1a #1		2090	2.25								17900			228000				16800							
		CRM PTM-1a #2		2130	1.94								16900			215000				15900							
		<b>Certified Values:</b>		<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>		
		CRM SU-1b #1		38000	6.07		366	0.501	2.91	21700	3.46	29.4	596	307	0.121	10700	1.18	0.59	1.04	256000	14.9	2.83		6330	16.8		
		CRM SU-1b #2		39700	5.65		392	0.482	2.59	22900	4.08	29.9	565	294	0.184	10200	1.29	0.735	1.06	246000	14.7	3.05		6120	18.3		
		<b>Certified Values:</b>		<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>	
		CRM RTS-3a #1		41100	21.5		113		33.3	19200	10		127	160	0.206	2130				198000	37.2		1.58	4290	4.93	12.8	
		CRM RTS-3a #2		40200	22		120		33.8	18800	10.5		123	154	0.131	2070				193000	37.9		1.79	4170	5.81	13	
		<b>Certified Values:</b>																									
		CRM SY-4 #1																									
		CRM SY-4 #2																									
		<b>Certified Values:</b>		<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>			<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1		44100	20.9		605	1.32		13800	1.52	68.8	26.2	62.4	0.369	27.5	3.45			1.82	35800				17100	39.3	17.1
		CRM LKSD-3 #2		48000	20.3		684	1.33		15200	1.82	72.8	26.1	61.5	0.503	29.3	3.85			2.06	36500				17300	45.5	19.3

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L	As ug/L	Au ug/L	Ba ug/L	Be ug/L	Bi ug/L	Ca ug/L	Cd ug/L	Ce ug/L	Co ug/L	Cr ug/L	Cs ug/L	Cu ug/L	Dy ug/L	Er ug/L	Eu ug/L	Fe ug/L	Ga ug/L	Gd ug/L	In ug/L	K ug/L	La ug/L	Li ug/L	
		<b>Actual Spike Values:</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>1</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>6</b>	<b>10</b>	<b>10</b>	
		Spike #1	9.59	10.3	9.71	9.66	10.2		9.74	9.96	9.6		9.87		10.4	9.78	9.9		9.9	10.5	9.84		9.89	9.93		
		Spike #4	9.65	9.36	10.3	8.18	10.7		10.1	9.63	8.73				10.6		9.76	9.57	9.64		9.11	10.3	10.5		10.7	8.24
		<b>Actual Spike Values:</b>												<b>100</b>		<b>100</b>										
		Spike #2												85.4		90.3										
		Spike #5												73.1		80.9										
		<b>Actual Spike Values:</b>	<b>10000</b>								<b>10000</b>										<b>10000</b>				<b>10000</b>	
		Spike #3	10900								12000										11600				10900	
		Spike #6	9430								10600										10800				9580	



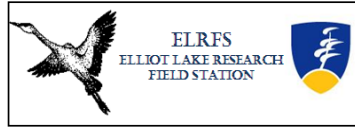
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-007

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
Swastika Laboratories Ltd  
Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0  
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**Batch: 14-857 (34)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 08 28  
Received by: Troy Maki  
# of samples: 34  
Dates Analysed/ Analyst: Sept 3 - Oct 23, 2014 / Troy Maki  
Submission Date: 2014 11 12

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
32021	A14-857-001	GMI14-315	46300	1.65	0.932	746	4.66	0.54	20500	1.4	43.7	24.6	227	0.131	90	1.68	0.967	1.84	42700	30.6	3.96	<DL	16600	21.1	13.3
32022	A14-857-002	GMI14-316	41300	0.785	<DL	275	1.7	<DL	45000	0.558	12.3	46	300	0.52	74.1	1.06	0.592	0.782	60100	17	1.55	<DL	10100	7.96	50.4
32023	A14-857-003	GMI14-317	41400	1.19	<DL	208	1.95	0.346	47900	0.615	22	49.1	243	0.135	97.8	2.03	1.27	0.972	76000	19.8	2.75	<DL	5330	13.6	17.5
32024	A14-857-004	GMI14-318	64000	13.1	<DL	1210	2.51	<DL	31800	0.786	60.4	20.3	348	1.79	20.1	3.42	1.84	2.72	50000	38.9	6.34	0.052	31800	31.3	33.8
32025	A14-857-005	GMI14-319	66000	2.32	<DL	53.7	0.706	<DL	45000	1	17.8	50	23.6	0.188	65.3	6.33	4.05	1.58	96200	19.1	5.18	0.092	2050	6.87	17
32026	A14-857-006	GMI14-320	40300	1.54	<DL	246	2.65	0.317	37000	0.82	46.1	41.8	258	0.12	86	1.65	0.971	1.1	61700	20.8	3.67	<DL	7730	32	19.2
32027	A14-857-007	GMI14-321	38500	0.949	<DL	335	2	<DL	45000	0.729	35.6	46	269	0.128	50.9	1.64	1.03	1.13	66800	19.6	3.17	<DL	8840	27.2	22.3
32028	A14-857-008	GMI14-322	42300	1.32	<DL	430	1.87	<DL	41900	0.62	49.7	43.1	227	0.118	41.1	2	1.26	1.46	66300	22.1	4.17	<DL	11300	33.5	17
32029	A14-857-009	GMI14-323	44300	1.39	<DL	702	2.49	<DL	39000	0.732	53.1	40.7	205	0.107	66.3	2.56	1.55	2.03	68800	27.4	5.02	<DL	12200	32	16.4
32030	A14-857-010	GMI14-324	46000	1.32	<DL	825	2.55	0.308	36500	1.05	58.2	31.8	215	0.107	91.2	1.81	1.02	1.98	58100	30.1	4.38	<DL	14400	43	11.6
32031	A14-857-011	GMI14-325	51600	1.16	<DL	313	2.16	<DL	50300	0.622	33.2	46.7	243	0.34	101	1.74	1.09	1.02	66900	20.1	2.87	<DL	8650	22	41.6
32032	A14-857-012	GMI14-326	51900	1.26	<DL	732	2	0.307	50100	0.567	30.8	46.1	272	0.239	62	1.72	1.06	1.71	67900	27	2.85	<DL	9950	22.7	36.2
32033	A14-857-013	GMI14-327	47700	1.23	<DL	730	2.12	<DL	34800	1.2	63.8	35.8	284	0.185	114	1.74	1.02	1.86	56300	27	5.08	<DL	15500	42.6	21.9
32034	A14-857-014	GMI14-328	49500	1.58	<DL	650	2.73	0.334	42800	1.16	90	43.4	244	0.191	125	3.4	1.96	2.35	72400	26.2	7.66	<DL	10100	50.4	29.2
32035	A14-857-015	GMI14-329	51600	1.11	<DL	489	1.1	<DL	52400	0.475	18.4	51.9	346	0.292	59.6	1.62	0.965	1.28	68200	21.1	2.16	<DL	9830	11.5	50.6
32036	A14-857-016	GMI14-330	43700	1.01	<DL	1010	2.3	<DL	33500	1.26	59.7	38.4	217	0.158	121	2.2	1.26	2.31	64200	31.7	4.87	<DL	9740	37.5	20.2
32037	A14-857-017	GMI14-331	56700	0.241	<DL	816	2.92	<DL	24000	1.35	63.8	21.5	188	0.067	35	1.97	1.23	2.21	40200	32.3	5.33	<DL	21800	36.8	6.25
32038	A14-857-018	GMI14-332	75800	1.11	<DL	545	2.94	<DL	4980	1.45	58.5	2.87	131	0.152	29.6	1.36	0.832	1.6	11000	30.6	4.52	<DL	31400	34.5	1.37
32039	A14-857-019	GMI14-333	37000	1.13	<DL	515	2.25	<DL	27700	0.548	16.5	52.6	338	0.214	97	1.4	0.891	1.17	67100	24.6	1.72	<DL	15400	13.3	47
32040	A14-857-020	GMI14-334	45100	1.18	<DL	346	2.23	0.301	22100	1.04	45.9	51.8	261	0.102	223	1.25	0.766	1.13	63600	23.4	3.36	<DL	16400	32.7	12.3
32041	A14-857-021	GMI14-335	58200	1.01	<DL	139	3.21	<DL	11900	1.74	50.4	8.6	122	0.079	88.5	1.43	0.744	0.823	20400	22.8	3.94	<DL	24900	29.5	3.14
32042	A14-857-022	GMI14-336	43300	1.36	<DL	269	3.38	<DL	25400	0.909	46.2	26.5	233	0.088	23.3	1.66	1.11	1.12	52800	21.4	3.79	<DL	13900	31.8	16.4
32043	A14-857-023	GMI14-337	43900	1.52	<DL	217	3.45	0.317	21000	1.06	49.7	24.8	263	0.078	305	1.85	1.12	1.17	54500	20.7	4.23	<DL	17400	32.2	10.7
32044	A14-857-024	GMI14-338	50000	1.34	<DL	70.7	2.83	0.51	8670	1.35	27.9	24.7	204	0.09	91.5	1.2	0.673	0.667	42600	21.7	2.66	<DL	9570	13.2	12.8
32045	A14-857-025	GMI14-339	32800	3.19	<DL	64.2	4.62	1.72	28100	0.884	34.8	50.9	271	0.109	85.9	1.97	1.19	0.924	66800	16.6	3.56	<DL	5090	21.8	10.8
32046	A14-857-026	GMI14-340	37700	6	0.775	30.6	3.65	2.23	17800	0.826	13.3	54.3	234	0.078	81.7	1.63	0.876	0.573	80000	17.6	1.98	<DL	1540	8.02	9.86
32047	A14-857-027	GMI14-341	36300	1.16	<DL	28.2	4.05	0.717	34100	0.919	15.8	42.3	207	0.125	49	2.51	1.35	0.727	84800	16.7	2.75	<DL	935	8.66	31.1
32048	A14-857-028	GMI14-342	37200	1.73	<DL	56.5	2.83	1.24	33900	0.665	19.4	35.2	174	0.142	71.8	2.12	1.23	0.744	80900	18.6	2.86	0.075	2050	11.3	42
32049	A14-857-029	GMI14-343	35900	3.24	<DL	276	1.94	0.66	36800	0.968	15.6	47.6	184	0.12	109	2.44	1.46	1.07	88800	20.5	3.03	0.073	6970	8.42	38.8
32050	A14-857-030	GMI14-344	66900	2.44	0.841	58.5	0.718	<DL	54200	0.947	19	56.6	30.2	0.186	71.4	7.21	4.7	1.83	100000	22.2	5.55	0.084	2490	7.69	14.9
32051	A14-857-031	GMI14-345	66600	12.8	<DL	1160	2.8	<DL	30600	0.896	57.8	20.9	329	1.51	26.3	3.51	1.95	2.73	52000	39	6.43	<DL	31500	29	34.5
32052	A14-857-032	GMI14-346	44000	5.79	<DL	649	0.771	<DL	44900	1.13	17.4	60.1	204	0.145	192	2.94	1.73	1.75	94900	26.1	3.17	0.057	15900	8.84	24.2
32053	A14-857-033	GMI14-347	48700	7.43	<DL	731	0.63	<DL	48900	0.828	18	56.5	208	0.262	179	2.95	1.68	1.93	93100	26.7	3.38	0.064	18600	8.85	17
32054	A14-857-034	GMI14-348	45700	5.31	<DL	514	0.564	<DL	48900	1.05	17.5	56.6	216	0.228	174	2.82	1.56	1.49	93700	23.2	3.17	0.074	17200	8.52	16.6

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.107	3640	927	<DL	34400	20	17.7	68.6	88.9	107	5.36	0.282	21.7	0.087	0.108	8.07	<DL	3.13	1.2	274	5.41	0.411	9.21	3580	0.187	7.81	168	1.34	7.59	0.856	115	
0.074	12700	1080	<DL	13400	4.47	5.04	172	73.5	60.4	4.37	0.073	21.6	0.104	0.079	10.9	<DL	1.09	<DL	262	<DL	0.189	3.68	4070	0.286	1.72	207	<DL	4.16	0.559	128	
0.123	9670	1150	3.09	25000	5.95	9.55	87.5	303	29.6	6.38	0.083	7.61	0.116	0.095	18.6	<DL	2.07	<DL	360	<DL	0.388	2.68	7520	0.101	1.43	334	1.03	7.55	0.995	115	
0.219	7260	1060	4.11	6460	19.5	27.9	47.3	653	11.8	4.07	0.107	59	<DL	1.08	8.2	<DL	5.08	2.88	108	<DL	0.736	7.74	4870	0.498	2.88	118	2.21	14	1.49	110	
0.515	24700	1720	<DL	34000	5.6	14	57.3	1950	2.82	7.26	0.056	11.6	<DL	0.127	39.3	<DL	4.51	0.726	85	<DL	1.04	<DL	16900	<DL	0.138	440	<DL	29.7	3.47	149	
0.1	7680	1110	<DL	26100	7.55	15	98.2	199	34.4	6.87	0.064	10.5	0.141	<DL	12.5	<DL	2.61	0.811	405	<DL	0.363	3.99	5250	0.13	2.31	249	1.39	6.16	0.711	136	
0.103	13400	1270	6.98	20900	5.1	11.9	109	162	14.7	6.59	0.071	11.1	0.136	<DL	15.4	<DL	2.15	<DL	375	<DL	0.358	2.22	5030	0.125	1.6	265	<DL	6.43	0.762	132	
0.133	10200	1150	3.24	24500	6.31	17.7	93.8	274	15.7	6.62	0.096	15.5	0.137	<DL	15.3	<DL	3.19	<DL	378	<DL	0.478	3	5890	0.167	1.37	275	<DL	7.69	0.939	121	
0.179	9360	1130	<DL	30200	9.66	19.2	69.7	529	13.2	6.61	0.136	17.9	0.108	<DL	17	<DL	3.62	0.749	340	<DL	0.568	3.17	7100	0.176	1.71	314	<DL	10.2	1.26	117	
0.117	5220	1010	<DL	30600	7.13	17.7	73	320	34.2	6.48	0.164	22	0.14	<DL	11.9	<DL	2.79	<DL	380	<DL	0.416	5.79	4910	0.199	3.13	229	<DL	6.92	0.918	110	
0.131	20400	1230	<DL	23100	6.76	10.8	110	153	25.1	6.94	<DL	18.8	0.117	<DL	18.4	<DL	2.03	<DL	387	<DL	0.356	3.63	4790	0.166	2.01	244	<DL	7.43	0.937	123	
0.137	19100	1240	<DL	22600	5.57	10.2	114	189	16.7	8.19	0.093	17.8	0.187	<DL	18.7	<DL	1.88	<DL	495	<DL	0.355	3.84	4960	0.199	1.97	254	<DL	7.55	0.987	142	
0.112	10200	1050	<DL	30300	6.88	21.3	104	534	19.6	6.75	0.13	25.7	0.141	<DL	11.6	<DL	3.53	<DL	366	<DL	0.476	6.16	4060	0.213	3.03	190	<DL	6.69	0.809	109	
0.204	16000	1220	<DL	31700	13.5	34.8	90.7	425	14.7	8.43	0.127	17.8	0.151	<DL	20.6	<DL	5.81	1.08	435	<DL	0.818	4.46	7010	0.188	2.86	311	<DL	14.5	1.6	145	
0.119	26800	1250	<DL	17400	3.72	7.27	160	139	12.2	6.66	0.052	16.6	0.144	<DL	19.7	<DL	1.66	<DL	390	<DL	0.279	1.83	4490	0.174	1.12	224	<DL	7.64	0.93	131	
0.129	7670	1090	4.27	30400	8.49	19.5	76.3	347	13.4	6.3	0.156	17.3	0.126	<DL	13.7	<DL	3.26	<DL	357	<DL	0.473	3.81	5460	0.153	2.64	245	<DL	7.99	0.977	117	
0.119	4050	664	<DL	41500	9.79	23.5	56	190	9.28	5.4	0.131	30	0.083	<DL	8.33	<DL	3.75	<DL	276	<DL	0.476	8.69	2810	0.258	3.84	135	<DL	8.19	0.987	71.2	
0.077	1150	174	<DL	51900	12.9	21	0.48	132	21	4.2	0.172	61.1	0.053	<DL	1.34	<DL	3.22	<DL	193	<DL	0.394	15.4	1030	0.324	11.5	25.5	<DL	5.75	0.73	45.7	
0.112	17600	1240	38.5	17600	3.28	5.46	122	143	7.45	3.99	<DL	15.5	0.045	<DL	15.2	<DL	1.31	<DL	215	<DL	0.258	0.931	4870	0.222	2.01	271	<DL	6.12	0.653	117	
0.108	6170	861	27.9	32000	6.94	13.5	77.5	130	12.7	3.57	0.111	23.8	0.036	<DL	9.49	<DL	2.22	<DL	192	<DL	0.294	4.74	3640	0.264	5.3	209	<DL	5.79	0.736	79.2	
0.084	1440	346	<DL	39200	14.4	17.4	16.7	176	19.5	2.09	0.284	38	<DL	<DL	3.71	<DL	3.06	<DL	80.6	<DL	0.352	13.2	1650	0.277	12.1	72.5	<DL	5.39	0.651	38.6	
0.113	9060	1020	<DL	34600	7.84	14.7	82.5	202	9.64	3.94	0.164	17.3	0.044	<DL	10.5	<DL	2.64	<DL	192	<DL	0.386	6.23	3630	0.182	3.37	211	<DL	7.65	0.913	104	
0.114	4680	968	<DL	38400	8.39	16.8	66.8	370	11.1	3.88	0.167	23.2	0.04	<DL	8.94	<DL	3.16	<DL	156	<DL	0.411	4.89	4150	0.214	3.8	214	<DL	7.41	0.93	101	
0.052	2510	745	<DL	40800	9.78	12.9	61.9	262	16.4	1.71	0.133	12.6	<DL	<DL	7.38	<DL	2.33	0.852	55.8	<DL	0.274	4.64	3250	0.16	4.26	161	<DL	4.17	0.578	103	
0.122	9620	1340	5.66	38600	7.32	14.3	80.6	311	56.7	2.74	0.081	6.39	<DL	<DL	12.7	<DL	2.58	1.23	91.4	<DL	0.417	2.36	6040	0.114	2.32	340	<DL	8.32	0.975	139	
0.1	5610	1330	4.79	41500	9.14	6.68	89.5	534	78	2.07	0.116	2.06	<DL	<DL	12	2.34	1.61	1.22	48.6	3.61	0.301	1.3	6770	0.064	1.53	321	1.33	6.37	0.765	136	
0.183	10800	1630	<DL	35700	6.96	8.65	75.7	647	44.1	2.9	0.111	2.4	<DL	<DL	18	<DL	2.24	0.859	82.9	<DL	0.429	0.849	8970	<DL	0.945	396	1.44	9.65	1.26	148	
0.156	10900	1590	4.52	28900	4.72	9.68	74.6	567	124	3.3	0.082	4.61	<DL	<DL	17.7	<DL	2.36	0.746	119	<DL	0.39	0.855	8290	0.079	1.18	361	1.47	8.63	1.09	196	
0.164	15100	1860	<DL	15900	5.68	9.2	83.8	687	589	4.02	0.139	11.5	0.05	<DL	15.5	<DL	2.44	0.91	145	<DL	0.462	<DL	7080	0.168	0.55	282	1.18	9.67	1.1	215	
0.565	24700	2130	<DL	36000	8.81	15.1	62.1	2130	3.01	7.27	0.133	12.8	<DL	0.343	46.9	<DL	4.66	0.971	98.6	6.29	1.18	1.07	20400	<DL	0.167	538	1.14	34.1	4.06	170	
0.218	6340	1110	3.46	7470	19.6	27.4	52.9	905	12.3	3.98	0.135	52.4	<DL	0.987	8.88	<DL	5.51	3.29	110	<DL	0.749	7.63	5070	0.483	2.95	126	2.05	13.5	1.53	109	
0.167	14200	1980	<DL	12300	6.42	10.4	96.1	741	18.1	4.92	<DL	24.4	0.055	<DL	19.2	<DL	2.59	0.872	201	<DL	0.485	0.805	6930	0.299	0.403	273	<DL	10	1.24	162	
0.195	16800	1640	<DL	12600	5.97	10.3	82.9	738	3.58	6.34	0.142	32.7	0.1	0.129	23.6	<DL	2.83	1.03	268	<DL	0.542	0.802	6770	0.332	0.342	271	<DL	10.5	1.44	125	
0.168	15900	1590	<DL	12500	5.99	10.5	84.4	707	3.68	5.17	0.09	29.9	0.078	<DL	21.8	<DL	2.57	0.71	242	<DL	0.51	0.745	6660	0.285	0.367	264	<DL	10.2	1.43	123	

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32045	A14-857-025	GMI14-339	32800	3.19	<DL	64.2	4.62	1.72	28100	0.884	34.8	50.9	271	0.109	85.9	1.97	1.19	0.924	66800	16.6	3.56	<DL	5090	21.8	10.8
		GMI14-339 DUP	32600	3.37	<DL	64.8	4.72	1.81	28800	0.893	34.9	50.8	267	0.098	85.4	1.96	1.17	0.949	66900	16.7	3.66	<DL	5130	22.1	11.2
32054	A14-857-034	GMI14-348	45700	5.31	<DL	514	0.564	<DL	48900	1.05	17.5	56.6	216	0.228	174	2.82	1.56	1.49	93700	23.2	3.17	0.074	17200	8.52	16.6
		GMI14-348 DUP	49800	6.08	<DL	522	0.614	<DL	51100	1.08	17.5	56.8	218	0.203	174	2.92	1.72	1.58	95700	23.4	3.3	<DL	17400	8.87	17.7

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2200	1.7							21600			232000				15700						
		CRM PTM-1a #2		2160	2.26							21500			230000				15400						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	48700	6.75		386	0.704	2.63	24300	3.77	29.8	716	360	0.162	10900	1.39	0.707	1.2	233000	16.5	3.07		7760	17.1	
		CRM SU-1b #2	48400	9.15		370	0.568	2.33	24300	3.78	29.7	703	356	0.163	10700	1.21	0.651	1.2	231000	16.3	3.22		7710	16.8	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	54300	22.7		125		30.4	22600	10.8		159	196	0.21	2240				187000	45.3		1.82	5500	5.46	17.6
		CRM RTS-3a #2	50300	21.7		115		30.1	20800	10.2		154	186	0.198	2180				182000	42.1		1.79	5370	5.38	16.7
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	54100	22		622	1.74		15500	1.79	64.3	31.6	74.1	0.376	36.5	3.41		2.05	40400				20900	35.2	22.2
		CRM LKSD-3 #2	61700	24.1		657	1.81		15700	1.52	72	33.2	76.8	0.466	39.7	3.6		2.13	41700				21900	41.3	23.7

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10	10	10	10		10	10	10		10		10	10	10		10	10	10		10	10
		Spike #7		11	9.83	10.4	9.9	9.78		10.1	9.8	10.1		10.3		9.97	9.75	9.78		10.4	10	10.2		10.2	10.5
		Spike #10		11.3	9.16	11.6	11	9.98		10.7	9.6	10.7		10.5		10	10.2	10.2		10.8	10.1	10.5		10.4	11.8
		Actual Spike Values:											100		100										
		Spike #8											86.5		83.7										
		Spike #11											90.2		86.6										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #9	11600						11500										11600				11600		
		Spike #12	12100						11900										12000				12100		



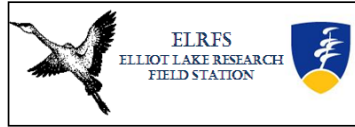
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-008

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-831 (9) & 14-873 (11) & 14-856 (35)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 09 09  
Received by: Troy Maki  
# of samples: 9 + 11 + 35  
Dates Analysed/ Analyst: Sept 16 - Oct 23, 2014 / Troy Maki  
Submission Date: 2014 11 12

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
30495	A14-831-011	GMI14-349	71000	1.03	2.92	106	1.28	0.584	53100	0.591	21.8	51.6	189	0.366	203	3.84	2.48	1.18	102000	18.7	4.05	<DL	5110	8.43	27.8
30496	A14-831-012	GMI14-350	60700	1.19	1.21	56.3	2.59	2.36	39300	0.843	58.1	50.2	198	0.327	661	4.08	2.53	1.37	86000	18.8	5.8	<DL	3000	33	17.6
30497	A14-831-013	GMI14-351	85000	1.49	0.979	321	2.78	0.787	26200	1.5	116	26.5	156	0.322	321	4.3	2.53	2.45	48900	25.2	9.7	<DL	13700	59.3	7.59
30498	A14-831-014	GMI14-352	65500	0.861	0.796	73.6	2.47	0.91	38000	0.904	52.1	41.3	185	0.189	148	4.05	2.56	1.41	83300	21.9	5.52	0.055	4190	30.8	12.8
30499	A14-831-015	GMI14-353	84900	12	0.798	1330	2.01	<DL	50400	0.74	85.1	20.9	157	5.75	28	5.12	2.9	3.23	54100	47	8.79	0.053	32800	39	35.5
30500	A14-831-016	GMI14-354	57400	2200	4.46	645	0.811	<DL	53300	1.08	33.2	33.1	158	5.52	168	5	2.95	2.44	135000	27.2	6.8	0.066	5500	19.5	7.12
32001	A14-831-017	GMI14-355	73300	1.6	0.644	168	2.34	0.682	30900	0.789	52.1	32.2	147	0.184	147	3.64	2.23	1.69	73200	23.8	5.69	<DL	6130	25	12.2
32002	A14-831-018	GMI14-356	60300	1.31	0.543	78.3	2.6	0.701	37500	1	74.6	33.8	164	0.106	180	4.46	2.71	1.82	75200	20.7	8.09	<DL	5800	32.7	11.9
32003	A14-831-019	GMI14-357	56300	1.13	<DL	41.4	2.63	1.5	34100	0.746	48.9	49.5	171	0.072	137	3.88	2.44	1.29	84900	19.2	5.33	<DL	1630	23.5	8.87
32155	A14-873-001	GMI14-358	69200	2.21	0.549	53.8	0.568	<DL	66900	1.01	26	36.3	60.5	0.196	46.3	8.07	5.23	2.36	120000	23.6	7.67	0.082	1790	9.71	12.5
32156	A14-873-002	GMI14-359	61600	1.57	<DL	82	0.323	<DL	62600	0.446	9.35	52.6	206	0.171	109	3.46	2.2	0.978	112000	18	3.1	<DL	3860	3.19	14.5
32157	A14-873-003	GMI14-360	74100	2.26	0.55	116	0.346	<DL	61500	0.416	14.9	57	107	0.157	144	5.45	3.46	1.68	143000	25.1	4.81	0.092	5440	4.84	17.7
32158	A14-873-004	GMI14-361	65800	1.44	<DL	173	0.317	<DL	54800	0.51	13.5	49.1	97.5	0.16	92.8	4.92	3.15	1.51	119000	21.5	4.36	0.065	7250	4.39	13
32159	A14-873-005	GMI14-362	68500	1.34	<DL	114	0.308	<DL	63800	0.431	11.3	56.2	146	0.267	73.2	4.02	2.49	1.22	115000	19.9	3.38	0.055	6850	3.65	13
32160	A14-873-006	GMI14-363	61700	1.57	<DL	32.8	0.312	<DL	62400	0.542	11.9	48.3	98.7	0.047	108	4.43	2.92	1.24	119000	18	3.94	0.067	1480	3.9	12.5
32161	A14-873-007	GMI14-364	64100	1.77	<DL	29.7	0.344	<DL	65400	0.7	15.5	48.7	54.8	0.076	65.3	5.84	3.68	1.44	132000	18.1	5.19	0.067	1290	5.11	13
32162	A14-873-008	GMI14-365	70800	2.06	<DL	35.2	0.34	<DL	87200	0.593	14.4	53.5	107	0.102	94.8	5.83	3.71	1.66	134000	20.3	5.12	0.079	1790	4.61	11
32163	A14-873-009	GMI14-366	22900	1.13	0.757	32.1	0.182	3.12	19800	0.523	6.1	11.4	222	0.043	21.8	2.07	1.36	0.573	38000	9.65	1.83	<DL	777	1.96	0.968
32164	A14-873-010	GMI14-367	61200	1.41	<DL	30.4	0.377	<DL	46600	0.818	15.8	42.8	70.1	0.048	50.1	5.75	3.67	1.53	119000	16	5.41	0.062	1700	5.03	5.41
32165	A14-873-011	GMI14-368	65500	2.1	<DL	34.8	0.34	<DL	65000	0.538	10.7	63.1	39.2	0.062	126	4.47	2.85	1.25	138000	19.9	3.86	0.064	1940	3.43	11.5
32055	A14-856-001	GMI14-369	66800	4.31	0.923	388	0.373	<DL	64400	1.02	23.1	57.6	224	0.372	180	4.24	2.68	1.83	106000	27.3	4.66	0.069	15300	8.6	18.6
32056	A14-856-002	GMI14-370	68200	3.75	0.647	377	0.384	<DL	63400	1.05	22.7	59	218	0.338	184	4.12	2.6	1.79	108000	27.1	4.61	0.053	15300	8.42	16.9
32057	A14-856-003	GMI14-371	65200	3.39	0.558	242	0.364	<DL	65800	1.16	22.8	56.1	180	0.361	191	4.09	2.64	1.54	106000	23.4	4.53	0.063	10300	8.47	18.5
32058	A14-856-004	GMI14-372	64100	2.68	0.513	306	0.363	<DL	61600	1.1	21.7	56.5	207	0.28	169	3.88	2.51	1.58	102000	24.1	4.36	0.058	13400	8.03	16.3
32059	A14-856-005	GMI14-373	63400	3.13	<DL	292	0.394	<DL	66300	0.959	20.9	56.7	207	0.275	176	3.84	2.41	1.53	103000	23.5	4.03	0.06	13000	7.7	17.2
32060	A14-856-006	GMI14-374	67600	1.97	<DL	283	0.352	<DL	65000	0.957	20.7	58	222	0.289	178	3.87	2.49	1.51	103000	23.8	4.16	0.057	14100	7.66	16.2
32061	A14-856-007	GMI14-375	66300	1.74	<DL	265	0.37	<DL	69100	0.974	20	57.9	203	0.302	162	3.67	2.3	1.45	103000	22.9	3.99	0.056	11600	7.48	18.3
32062	A14-856-008	GMI14-376	73400	1.44	<DL	327	0.375	<DL	67500	0.935	22	59.6	289	0.377	182	3.95	2.64	1.66	107000	25.8	4.43	0.058	15000	8.13	15.4
32063	A14-856-009	GMI14-377	73600	1.14	<DL	309	0.39	<DL	70000	1.04	22.3	60.6	219	0.487	179	4.07	2.68	1.67	107000	25.5	4.5	0.059	14000	8.33	15.8
32064	A14-856-010	GMI14-378	70500	1.77	0.526	276	0.439	<DL	68800	1.27	26.7	61.3	211	0.571	188	4.77	3.1	1.78	113000	25.1	5.48	0.061	12600	9.85	15
32065	A14-856-011	GMI14-379	72700	0.835	<DL	277	0.288	<DL	69600	0.755	17.5	60	246	0.37	180	3.24	2.17	1.37	99500	22.9	3.53	0.057	14200	6.5	15.8
32066	A14-856-012	GMI14-380	68900	1.72	<DL	238	0.321	<DL	68600	0.791	19.2	60.1	257	0.339	171	3.58	2.35	1.35	101000	21.8	3.86	0.058	12700	6.97	16.8
32067	A14-856-013	GMI14-381	71100	1.42	<DL	238	0.333	<DL	68300	0.942	20.7	59.9	248	0.49	175	3.85	2.56	1.47	103000	22.2	4.27	0.067	12500	7.49	16.2
32068	A14-856-014	GMI14-382	71300	1.33	<DL	242	0.339	<DL	67300	1.03	21.1	58.9	231	0.475	176	3.98	2.53	1.49	103000	22.6	4.2	0.056	12100	7.76	15.1



Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.34	30900	1290	5.57	39300	8.11	12.7	84.9	556	7.89	5.62	0.078	11.9	0.094	0.187	42.2	<DL	3.3	0.797	277	17.3	0.656	1.56	9150	0.084	1.52	429	3.05	19.7	2.4	103	
0.34	29800	1220	3.39	40800	8.08	21.5	74.1	576	26.8	4.01	0.079	5.78	0.042	0.07	35.8	0.908	4.29	0.825	133	5.58	0.763	5.68	7820	<DL	2.93	381	1.95	21.2	2.46	109	
0.298	16800	746	<DL	60100	12.7	43.3	41.8	498	20.3	6.44	0.127	29.7	0.126	0.077	18.6	<DL	7.76	0.99	362	3.79	0.989	18.8	4050	0.159	5.03	204	1.11	23	2.28	80	
0.334	28000	1120	3.22	46700	7.07	19.2	72.7	565	12.1	4.18	0.063	6.59	0.047	<DL	35.9	0.882	4.14	0.772	147	2.8	0.741	5.26	8370	<DL	2.55	390	1.29	20.6	2.37	104	
0.365	18600	1160	<DL	10600	16.3	36.6	51.5	756	12.2	4.91	0.063	132	0.051	0.965	17.7	<DL	7.26	2.47	166	3.01	1.02	11.3	5010	0.542	2.97	140	2.28	24.7	2.74	124	
0.343	29200	4940	3.49	12700	15.1	21.2	110	2930	8.21	6.56	0.086	18.4	0.09	2.22	16.5	3.75	5.24	1.41	256	2.53	0.921	4.64	6440	0.101	1.55	163	2.43	25.9	2.54	162	
0.281	23300	887	<DL	52900	6.54	21.6	60.6	518	9.55	5.76	0.079	12.2	0.1	<DL	28.6	0.72	4.49	0.752	296	<DL	0.713	5.31	6310	0.077	3.36	294	0.893	18.5	2.01	92.7	
0.315	26000	1120	<DL	45000	7.34	33.4	69.4	687	11.1	4.56	0.084	9.36	0.054	<DL	28.9	2.22	6.58	0.799	162	<DL	0.954	10.2	6870	0.069	4.12	323	0.97	20.5	2.35	108	
0.294	27000	1050	<DL	45200	6.01	19	72.7	551	14.2	4.04	<DL	1.94	0.042	<DL	34.4	1.11	4.14	<DL	138	<DL	0.719	1.79	7860	<DL	1.67	400	1.38	18.9	2.19	100	
0.724	25000	1640	<DL	18800	6.62	18.8	18	1640	13.9	9.43	0.085	7.16	0.111	0.17	44.9	0.662	5.7	<DL	303	<DL	1.35	0.748	16300	<DL	0.174	276	2.06	44.4	5.06	111	
0.284	37500	1370	<DL	20400	3.08	7.22	108	647	9.16	4.18	<DL	8.62	0.057	0.078	41.7	1.64	2.33	<DL	175	<DL	0.552	<DL	11500	<DL	0.074	530	1.22	17.2	2.04	134	
0.425	35700	2140	<DL	15000	4.61	11.4	72.8	948	6.19	5.51	<DL	13.5	0.058	<DL	49.2	1.8	3.75	0.754	154	<DL	0.865	<DL	14200	0.076	0.091	590	0.97	28.3	3.22	162	
0.397	31500	1640	<DL	16800	4.19	10.3	66.9	846	6.07	4.76	<DL	18.1	0.042	<DL	42.8	<DL	3.53	0.74	129	<DL	0.79	<DL	12800	0.112	0.095	489	0.988	24.6	2.92	122	
0.307	31500	1580	<DL	18100	3.58	8.64	102	722	5.76	4.6	<DL	18	0.06	0.077	37.7	1.1	2.82	<DL	169	<DL	0.641	<DL	11500	0.141	0.07	441	1.02	19.4	2.4	104	
0.358	28500	1420	<DL	17700	3.72	9.23	78.9	876	3.87	4.95	0.076	2.76	0.055	0.109	42.8	1.4	3.16	<DL	160	<DL	0.701	<DL	14200	<DL	0.075	587	0.845	22.9	2.68	118	
0.495	30200	1510	<DL	16700	4.87	12	37.1	1160	4.07	6.09	0.064	4.07	0.044	0.121	46.4	0.841	3.92	<DL	146	<DL	0.934	<DL	16200	<DL	0.102	515	1.11	31.1	3.64	118	
0.468	23500	1840	<DL	12200	4.57	11.8	88.7	1560	4	7.18	<DL	5.24	0.086	0.133	49.7	1.47	4.14	<DL	236	<DL	0.947	<DL	17000	<DL	0.082	524	0.859	31.9	3.4	118	
0.176	5920	328	46.3	12400	2.35	4.61	17.2	551	7.74	3.38	<DL	1.33	0.052	0.099	11.5	<DL	1.5	<DL	161	<DL	0.327	<DL	4540	<DL	<DL	80.7	4.88	11.4	1.36	28.6	
0.49	27800	1210	<DL	36200	5.07	12.3	41.2	1290	2.55	5.49	0.069	3.96	<DL	0.074	41.9	1.51	4.12	<DL	78.7	<DL	0.942	<DL	15300	<DL	0.093	481	1.12	29.5	3.63	81.7	
0.357	31000	1360	<DL	24900	3.74	8.76	106	923	2.95	6.4	<DL	5.03	0.091	0.141	48.5	1.68	2.94	<DL	233	<DL	0.706	<DL	16500	<DL	0.069	768	1.08	22.8	2.68	93.4	
0.362	30500	1510	<DL	18700	7.56	12.6	97	675	3.79	7.38	0.105	48.2	0.133	0.121	36.1	0.887	3.46	0.947	288	2.76	0.707	1.51	6920	0.29	0.315	306	1.19	20.7	2.56	123	
0.341	31800	1520	<DL	18100	5.73	12.6	104	676	3.84	7.07	0.084	47.6	0.122	0.099	35.7	0.701	3.33	0.81	273	<DL	0.698	1.28	6810	0.291	0.288	304	<DL	20.6	2.49	126	
0.342	29800	1730	<DL	22400	5.54	12.4	89.3	682	18.4	7.22	0.077	33.4	0.134	0.082	35	1.38	3.31	0.879	288	<DL	0.714	1.24	6810	0.196	0.29	304	<DL	20.3	2.61	131	
0.33	29600	1610	<DL	19700	5.4	11.9	103	652	3.42	6.7	0.095	38.5	0.124	0.102	33.3	<DL	3.23	0.796	284	<DL	0.663	1.16	6490	0.221	0.287	291	<DL	19.1	2.27	114	
0.321	30700	1400	<DL	18500	5.1	11.5	100	617	4.25	6.69	0.087	38.4	0.126	<DL	33.6	1.02	3.16	0.772	281	<DL	0.661	1.13	6350	0.238	0.272	291	<DL	19	2.28	115	
0.318	31900	1390	<DL	17500	5.06	11.4	108	630	3.17	6.37	0.076	42.4	0.112	<DL	34.5	<DL	2.96	0.718	245	<DL	0.66	1.13	6380	0.253	0.279	292	<DL	19	2.26	113	
0.316	33500	1390	<DL	18600	4.82	10.9	106	599	4.03	5.99	0.093	36.2	0.107	<DL	33.7	1.35	3.04	0.757	243	<DL	0.618	1.05	6040	0.21	0.258	282	<DL	18.3	2.27	117	
0.342	33800	1450	<DL	17400	5.25	11.9	109	664	3.75	6.86	0.086	52.8	0.109	0.073	36.4	<DL	3.27	0.905	242	<DL	0.687	1.22	6550	0.286	0.276	298	<DL	20.7	2.39	122	
0.352	35900	1430	<DL	17800	5.3	12.5	112	694	3.22	6.73	0.103	54.4	0.094	<DL	37.5	<DL	3.29	0.822	241	<DL	0.708	1.29	6670	0.287	0.295	301	<DL	21.7	2.44	117	
0.4	33600	1500	<DL	18000	6.53	14.7	107	783	2.99	7.03	0.116	49.3	0.105	<DL	37.2	1.4	3.94	1.07	222	<DL	0.796	1.49	7530	0.279	0.35	305	<DL	25.1	2.83	127	
0.283	37000	1360	<DL	16500	4.29	9.65	121	568	2.43	5.7	0.063	53.9	0.096	<DL	36.1	<DL	2.73	<DL	219	<DL	0.583	0.971	5430	0.297	0.222	268	<DL	17.1	2.03	112	
0.29	36500	1370	<DL	16800	4.56	10.5	119	612	4.04	6.03	0.098	45.6	0.094	<DL	36	1.18	2.94	0.749	212	<DL	0.615	1.08	5870	0.274	0.24	281	<DL	18.2	2.16	109	
0.319	37600	1400	<DL	17100	4.87	11.1	115	632	2.67	6.41	0.071	52	0.097	<DL	37.9	<DL	3.17	0.747	219	<DL	0.644	1.14	6110	0.26	0.267	293	<DL	20	2.32	113	
0.333	36200	1390	<DL	17000	4.97	11.5	111	649	2.5	6.46	0.083	49.3	0.093	<DL	36.7	<DL	3.24	0.793	215	<DL	0.656	1.18	6170	0.231	0.265	288	<DL	20.5	2.38	114	

32069	A14-856-015	GMI14-383	71600	1.73	<DL	238	0.353	<DL	68600	1.01	22.7	61	228	0.354	182	3.97	2.63	1.48	107000	23	4.53	0.062	13100	8.26	14.7
32070	A14-856-016	GMI14-384	67200	1.52	<DL	133	0.371	<DL	59500	1.01	22.5	57.1	149	0.287	188	3.84	2.45	1.23	101000	18.7	4.27	0.059	7620	8.07	18.4
32071	A14-856-017	GMI14-385	64000	1.25	<DL	35	0.335	<DL	70800	1	21.4	59.3	173	0.196	174	3.64	2.16	1.08	104000	15.8	4.04	0.051	1510	7.87	20.2
32072	A14-856-018	GMI14-386	68900	1.73	<DL	225	0.297	<DL	68000	0.889	18.9	57.2	162	0.296	181	3.37	2.16	1.33	99500	23	3.64	0.065	11700	6.98	15.1
32073	A14-856-019	GMI14-387	68600	1.33	<DL	234	0.32	<DL	64200	0.866	19.5	56.4	170	0.298	172	3.53	2.22	1.4	97800	22	3.97	0.054	11600	7.11	13.7
32074	A14-856-020	GMI14-388	68700	1.48	<DL	218	0.348	<DL	65600	1.03	21.7	57.4	185	0.297	170	3.75	2.51	1.44	101000	21.7	4.5	0.059	10900	7.81	15.7
32075	A14-856-021	GMI14-389	63800	1.62	<DL	269	0.426	<DL	61500	1.23	27.3	59.4	95	0.555	219	4.84	3.07	1.83	119000	25.5	5.4	0.072	10700	10	16.3
32076	A14-856-022	GMI14-390	68000	1.25	<DL	230	0.329	<DL	65700	0.993	22.8	58.9	189	0.28	175	4	2.44	1.55	103000	22.5	4.57	0.06	11400	8.05	13.9
32077	A14-856-023	GMI14-391	66200	1.67	<DL	235	0.406	<DL	62400	1.08	23.6	60.4	157	0.256	180	3.95	2.49	1.55	107000	22.6	4.57	0.058	10600	8.52	13.2
32078	A14-856-024	GMI14-392	69000	1.6	<DL	218	0.36	<DL	66000	0.938	23.2	57.8	171	0.231	177	3.9	2.47	1.5	102000	22	4.47	0.061	10700	8.3	13.2
32079	A14-856-025	GMI14-393	63000	1.52	<DL	172	0.319	<DL	66800	0.981	22.3	62.1	222	0.23	189	3.74	2.35	1.37	105000	20	4.26	0.069	8050	7.76	14.4
32080	A14-856-026	GMI14-394	72300	0.829	2.17	186	0.442	<DL	76500	0.957	14.2	62.9	239	0.309	178	3	1.91	1.1	100000	20.2	2.71	0.07	8580	6.67	23.1
32081	A14-856-027	GMI14-395	69300	0.707	1.09	185	0.444	<DL	69500	0.965	14.8	55.7	207	0.277	157	2.95	1.92	1.07	91400	19.4	2.67	0.069	8170	6.89	22.4
32082	A14-856-028	GMI14-396	70700	1.04	0.906	174	0.584	<DL	70900	1.4	20.5	60.2	197	0.34	165	3.98	2.5	1.27	107000	21	3.72	0.073	7630	9.88	18.2
32083	A14-856-029	GMI14-397	68700	1	0.848	174	0.607	<DL	67600	1.55	20.7	58.6	175	0.345	160	3.99	2.68	1.34	105000	21	3.79	0.076	7520	9.65	16.5
32084	A14-856-030	GMI14-398	78100	1.16	0.725	173	0.645	<DL	73700	1.37	21.9	60.7	161	0.548	171	4.36	2.87	1.4	114000	22.4	4.1	0.087	8160	10.2	18.3
32085	A14-856-031	GMI14-399	77100	1.15	0.721	164	0.608	<DL	74000	1.6	21.6	60	159	0.526	174	4.31	2.79	1.37	113000	21.7	3.88	0.078	7650	10.1	18.5
32086	A14-856-032	GMI14-400	82200	1.27	0.683	179	0.612	<DL	71500	1.42	20.7	53.9	119	0.64	166	4.18	2.7	1.39	103000	22	3.79	0.082	8560	9.59	17.8
32087	A14-856-033	GMI14-401	78100	1.18	0.662	187	0.657	<DL	71600	1.44	22.5	59.6	128	0.56	177	4.41	2.97	1.43	110000	22.7	4.1	0.088	8510	10.3	18.3
32088	A14-856-034	GMI14-402	80800	1.13	0.618	184	0.791	<DL	72100	1.59	27.4	59	107	0.917	189	5.26	3.39	1.6	119000	24.4	4.95	0.092	8060	12.7	18.7
32089	A14-856-035	GMI14-403	73900	1.12	0.563	163	0.709	<DL	70300	1.51	25.1	59.7	113	0.744	200	4.88	3.17	1.48	117000	22.7	4.47	0.087	6700	11.4	17.7

0.352	33800	1410	<DL	19400	5.22	12.3	115	695	2.77	6.95	0.078	42.6	0.115	<DL	35	<DL	3.33	0.787	242	<DL	0.684	1.2	6520	0.239	0.297	296	<DL	19.8	2.41	114
0.303	27500	1350	<DL	24800	5.48	12.1	108	695	4.14	7.34	0.074	22.2	0.143	<DL	28.3	<DL	3.32	0.892	313	<DL	0.69	1.16	6800	0.124	0.287	288	<DL	18.1	2.19	107
0.273	28100	1330	<DL	24300	4.82	11.3	110	661	4.75	4.98	0.103	3.72	0.074	<DL	30.1	<DL	3	0.834	162	<DL	0.645	0.997	6260	<DL	0.256	285	<DL	16.6	2.08	105
0.275	29000	1380	<DL	17100	4.38	10.3	107	575	4.94	6.1	0.099	34.2	0.111	<DL	30.8	<DL	2.75	0.754	232	<DL	0.578	0.979	5840	0.231	0.219	279	<DL	16.4	1.92	105
0.295	31600	1330	<DL	17200	4.5	10.7	106	612	2.56	5.95	0.1	37.5	0.104	<DL	32.6	<DL	2.82	0.702	217	<DL	0.601	1.06	5790	0.219	0.248	269	<DL	17.7	2.12	106
0.314	31800	1340	<DL	19200	5.07	11.8	107	670	3.67	6.25	0.079	34.5	0.108	<DL	32.4	<DL	3.12	0.749	223	<DL	0.658	1.13	6200	0.236	0.267	273	1.4	18.9	2.26	109
0.419	29200	1520	<DL	18500	6.46	14.7	77	806	3.84	7.2	0.078	43.7	0.1	0.073	39.2	<DL	4.15	0.884	203	<DL	0.845	1.49	9720	0.23	0.335	469	<DL	24.6	2.85	129
0.331	30100	1330	<DL	17700	5.19	12.1	116	690	3.14	6.43	0.082	34	0.101	<DL	32.3	<DL	3.22	0.861	215	<DL	0.694	1.2	6360	0.228	0.268	284	<DL	19	2.32	112
0.315	29700	1370	<DL	17100	5.37	12.6	110	686	4.02	6.11	0.09	31.9	0.105	0.088	31.7	0.85	3.3	0.858	202	<DL	0.672	1.39	6540	0.203	0.389	285	<DL	19.1	2.32	120
0.31	29800	1320	<DL	16000	5.15	12.1	105	684	4.12	6.13	0.099	30.8	0.097	<DL	31.9	<DL	3.3	0.895	195	<DL	0.667	1.21	6170	0.223	0.299	272	0.863	18.9	2.2	111
0.309	32100	1340	<DL	14000	4.86	11.7	123	654	3.14	5.56	0.086	20.9	0.08	<DL	32.6	0.722	3.18	0.738	161	<DL	0.659	1.12	5940	0.207	0.278	273	<DL	17.6	2.12	113
0.264	35600	1330	<DL	13400	7.09	8.51	128	359	2.91	4.8	0.084	21.1	0.061	0.139	32.4	<DL	2.32	0.884	189	8.4	0.499	1.59	5400	0.207	0.254	262	1.68	15.8	1.77	106
0.275	32000	1220	<DL	13500	4.31	8.6	112	352	3.08	4.64	0.086	22.1	0.066	0.128	29.7	<DL	2.35	0.799	176	2.35	0.528	1.15	5020	0.2	0.263	224	1.15	15.9	1.75	102
0.342	31400	1380	<DL	14700	5.58	11.7	106	489	3.01	5.58	0.093	20.4	0.058	0.146	31.7	<DL	3.1	0.985	174	<DL	0.694	1.5	6590	0.198	0.356	276	0.945	21	2.38	118
0.359	30000	1390	<DL	15200	5.61	12	96.3	523	4.1	5.69	0.098	20.1	0.048	0.12	31.6	<DL	3.34	0.915	174	<DL	0.714	1.52	6880	0.17	0.354	281	0.838	21.4	2.49	121
0.39	33200	1480	<DL	16800	5.96	12.6	92	566	3.36	6.35	0.1	27.4	0.064	0.113	36.7	<DL	3.34	0.961	191	<DL	0.756	1.63	7580	0.186	0.375	313	<DL	24.4	2.6	130
0.373	33200	1460	<DL	16800	5.72	12.3	91.7	552	2.67	6.13	0.09	24.4	0.061	0.157	35.8	<DL	3.26	1.02	181	<DL	0.756	1.62	7380	0.187	0.38	300	<DL	23.9	2.6	126
0.372	30800	1300	<DL	17900	5.36	12.1	93	489	3.69	6.17	0.072	31.6	0.062	0.138	33.8	<DL	3.27	0.872	192	<DL	0.72	1.62	6820	0.19	0.351	293	<DL	23	2.45	114
0.388	32000	1420	<DL	17800	5.89	12.9	88.5	563	8.08	6.25	0.096	29.3	0.066	0.126	34.9	<DL	3.45	1.08	187	<DL	0.77	1.69	7360	0.192	0.398	302	<DL	24.6	2.67	129
0.493	30000	1490	<DL	19800	7.1	16	80.5	687	4.38	7.14	0.099	29.7	0.07	0.107	36.6	<DL	3.99	1.42	193	<DL	0.948	2.12	8540	0.209	0.472	328	<DL	29.9	3.28	137
0.436	32200	1470	<DL	17700	6.5	14.4	84.5	619	3.56	6.74	0.07	23.5	0.045	0.119	37.9	<DL	3.68	1.13	168	<DL	0.865	1.85	8500	0.172	0.441	368	<DL	26.7	2.96	132

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32003	A14-831-019	GMI14-357	56300	1.13	<DL	41.4	2.63	1.5	34100	0.746	48.9	49.5	171	0.072	137	3.88	2.44	1.29	84900	19.2	5.33	<DL	1630	23.5	8.87
		GMI14-357 DUP	60600	1.31	<DL	44.5	2.79	1.67	37000	0.69	52.9	52.1	182	0.077	146	4.23	2.68	1.42	90600	20.7	5.98	<DL	1750	25.5	9.68
32165	A14-873-011	GMI14-368	65500	2.1	<DL	34.8	0.34	<DL	65000	0.538	10.7	63.1	39.2	0.062	126	4.47	2.85	1.25	138000	19.9	3.86	0.064	1940	3.43	11.5
		GMI14-368 DUP	62200	1.82	<DL	33.3	0.331	<DL	62600	0.529	10.7	61.5	37.6	0.042	124	4.26	2.69	1.22	133000	19.5	3.81	0.061	1860	3.3	10.9
32079	A14-856-025	GMI14-393	63000	1.52	<DL	172	0.319	<DL	66800	0.981	22.3	62.1	222	0.23	189	3.74	2.35	1.37	105000	20	4.26	0.069	8050	7.76	14.4
		GMI14-393 DUP	69400	1.53	<DL	174	0.34	<DL	71600	1.08	22.9	64.8	232	0.421	197	3.93	2.51	1.4	108000	20.8	4.47	0.069	8430	8.15	16.1
32089	A14-856-035	GMI14-403	73900	1.12	0.563	163	0.709	<DL	70300	1.51	25.1	59.7	113	0.744	200	4.88	3.17	1.48	117000	22.7	4.47	0.087	6700	11.4	17.7
		GMI14-403 DUP	75000	1.14	0.601	161	0.708	<DL	70600	1.69	25.3	60.4	110	0.852	199	5.02	3.23	1.44	118000	22.8	4.58	0.088	6810	11.6	18.4

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2410	3.89							21400			247000				15000						
		CRM PTM-1a #2		2090	4.22							20000			231000				14800						
		CRM PTM-1a #3		1950	3.5							20000			216000				14800						
		CRM PTM-1a #4		1870	2.69							19500			209000				14000						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	45100	6.63		335	0.343	2.57	24300	3.28	38.3	689	350	0.218	11300	1.54	0.862	1.39	248000	20.2	3.96		7210	15.5	
		CRM SU-1b #2	43800	6.49		331	0.356	2.81	22700	3.48	40.8	668	342	0.222	11200	1.47	0.828	1.52	237000	20.7	4.25		6800	15.3	
		CRM SU-1b #3	48900	6.78		366	0.5	2.35	24400	3.96	32.9	675	334	0.261	10300	1.46	0.823	1.39	238000	21.8	3.3		7040	16.1	
		CRM SU-1b #4	51000	6.3		351	0.536	2.35	26100	3.88	31.9	646	319	0.248	9950	1.42	0.854	1.44	225000	20.8	3.35		6790	15.3	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	52400	19.4		106		29.8	23100	9.15		153	188	0.354	2300				199000	41.7		1.47	5280	6.87	9.79
		CRM RTS-3a #2	50900	20.9		106		32.4	21800	8.74		149	184	0.369	2270				187000	40.3		1.49	5030	6.75	10
		CRM RTS-3a #3	56600	18.3		115		27.7	23300	10.7		149	175	0.404	2090				187000	42		1.58	5100	6.94	14.9
		CRM RTS-3a #4	60600	20.1		114		28.1	25500	10.1		146	173	0.38	2050				182000	40.3		1.57	5110	7.24	17.9
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	63700	21.2		600	1.11		17700	1.65	97.7	32.2	75.5	2.1	40.4	4.78		2.52	40300				20400	42.6	18.4
		CRM LKSD-3 #2	60400	21.6		590	0.994		16200	1.8	105	31.6	71.5	2.03	41.8	4.8		2.73	37700				18900	43.6	18.6
		CRM LKSD-3 #3	72900	19.2		650	1.67		19400	2.11	84.8	31.8	70.3	2.25	40.1	4.8		2.6	38300				20400	45.6	29.1
		CRM LKSD-3 #4	79200	20.2		667	1.91		20500	2.29	87.4	32.6	72.3	2.28	41.6	4.63		2.67	44000				21500	46.4	35.8



**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		10.1	10.7		9.27	10.1		10.2	10.3			10.2		10	10.1	10.2		10.1	10.5	10.1		10.2	9.04
		Spike #4		10.2	11		6.98	10.1		8.75	11.6			9.22		10.5	10.3	10.6		9.67	12.2	8.88		9.19	6.78
		Spike #7		7.96	9.82		8.82	9.62		10.1	9.29			9.35		9.15	9.3	9.2		9.29	9.41	9.4		9.23	8.58
		Spike #10		8.79	9.5		9.65	9.02		9.98	9.31			9.6		9.19	9.23	9.43		9.21	9.14	9.34		9.56	10.2
		Actual Spike Values:				100						100	100		100										
		Spike #2				101						100	102		97.8										
		Spike #5				77						86.6	84.8		87										
		Spike #8				118						113	104		104										
		Spike #11				82.9						83.1	77		79.5										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10500						10600										10800				10800		
		Spike #6	10400						10800										12700				11300		
		Spike #9	10100						11200										11300				10200		
		Spike #12	10800						11200										11500				10500		



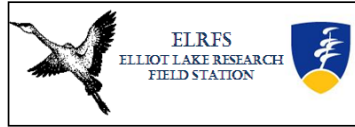
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-009

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-941 ( 49 )**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 09 23  
Received by: Troy Maki  
# of samples: 49  
Dates Analysed/ Analyst: Sept 24 - Oct 24, 2014 / Troy Maki  
Submission Date: 2014 11 12

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
32090	A14-941-001	GMI14-404	63300	2.35	<DL	529	0.709	<DL	59900	1.53	22.5	54.9	164	0.237	186	4.03	2.53	2.13	92800	33	4.1	0.078	14400	11.1	30.9
32091	A14-941-002	GMI14-405	61800	1.69	<DL	475	0.744	<DL	65500	1.4	21	55.9	139	0.197	191	4.05	2.49	2.05	93400	31.7	3.92	<DL	15400	10.4	24.8
32092	A14-941-003	GMI14-406	65400	0.941	<DL	375	0.637	<DL	65400	1.53	21.4	57.5	132	0.167	201	3.94	2.51	1.83	96900	28.1	4.14	0.054	15600	10.3	22.5
32093	A14-941-004	GMI14-407	66600	1.38	<DL	345	0.614	<DL	66500	1.42	21.4	58.1	134	0.22	197	4.17	2.52	1.72	96400	27.2	4.02	<DL	15500	10.3	20.9
32094	A14-941-005	GMI14-408	67100	1.25	<DL	345	0.63	<DL	66100	1.46	21.4	58.4	142	0.223	193	4.02	2.57	1.71	96600	26.7	4.03	0.062	15700	10.4	20.3
32095	A14-941-006	GMI14-409	67800	0.719	<DL	329	0.606	<DL	69900	1.39	21.2	59.3	146	0.23	190	4.05	2.63	1.7	97800	26.8	4.02	<DL	14700	10.3	22.6
32096	A14-941-007	GMI14-410	64000	0.894	<DL	334	0.508	<DL	66900	1.2	17.1	56.3	131	0.161	191	3.41	2.27	1.6	88600	25.4	3.26	0.055	14900	8.35	21.6
32097	A14-941-008	GMI14-411	65100	0.824	<DL	332	0.545	<DL	65100	1.19	18.3	60	161	0.222	177	3.55	2.23	1.67	92100	25.8	3.59	0.058	15600	8.81	21.8
32098	A14-941-009	GMI14-412	64900	1.67	<DL	335	0.565	<DL	65400	1.36	19.7	62.2	135	0.225	215	3.77	2.49	1.68	99600	26.9	3.96	0.076	13700	9.57	25.2
32099	A14-941-010	GMI14-413	59500	0.791	<DL	207	0.553	<DL	59900	1.22	17.3	57.8	134	0.335	190	3.23	2.12	1.27	90000	20.5	3.24	0.053	9030	8.23	31.9
32100	A14-941-011	GMI14-414	66700	1.47	<DL	284	0.682	<DL	67100	1.6	22	62.6	154	0.304	226	4.64	3.05	1.7	110000	27.2	4.55	0.059	11800	10	22.7
32101	A14-941-012	GMI14-415	69600	1.39	<DL	216	0.501	<DL	75100	2.35	17.3	63.1	120	0.494	247	3.53	2.27	1.32	101000	23.6	3.38	<DL	9630	8.24	34.7
32102	A14-941-013	GMI14-416	65900	1.29	<DL	273	0.507	<DL	72900	5.66	18.3	58.1	122	0.3	215	3.53	2.23	1.5	93700	24.7	3.67	<DL	11800	8.77	26.4
32103	A14-941-014	GMI14-417	69800	1.43	<DL	386	0.571	<DL	68800	1.71	21.3	61.2	131	0.255	209	4.01	2.67	1.89	98800	28.7	4.08	0.054	17000	10	20.1
32104	A14-941-015	GMI14-418	68300	1.24	<DL	366	0.636	<DL	65800	1.46	23.1	59.4	119	0.271	196	4.2	2.8	1.99	97100	28.3	4.64	<DL	15800	10.9	22.9
32105	A14-941-016	GMI14-419	71200	1.97	<DL	335	0.72	<DL	59200	1.58	22.7	55.8	97.5	0.316	179	4.26	2.51	1.81	93600	27.6	4.38	<DL	14400	10.9	26.9
32106	A14-941-017	GMI14-420	59900	1.52	<DL	171	0.562	<DL	63300	1.83	19.9	68.2	118	0.231	228	3.95	2.49	1.31	106000	21.8	3.92	<DL	7700	9.56	32.2
32107	A14-941-018	GMI14-421	59400	0.952	<DL	187	0.515	<DL	50200	2.18	18.3	64.4	116	0.136	174	3.61	2.15	1.41	99700	23.4	3.42	<DL	9130	8.67	33.5
32108	A14-941-019	GMI14-422	57800	1.64	<DL	124	0.534	<DL	50000	2.05	20.5	60.6	131	0.144	99.5	3.97	2.45	1.16	90500	17.9	3.87	0.05	5730	9.63	32.7
32109	A14-941-020	GMI14-423	65700	2.12	<DL	186	0.565	<DL	55200	2.8	21.5	63	141	0.216	131	4.06	2.65	1.4	95900	20.8	4.06	0.061	8900	10.1	35.1
32110	A14-941-021	GMI14-424	61700	1.39	<DL	111	0.581	<DL	61900	1.94	21.4	61.6	142	0.208	207	3.83	2.53	1.23	95100	19.4	3.99	<DL	4960	10.4	33.5
32111	A14-941-022	GMI14-425	67600	1.16	<DL	319	0.711	<DL	59500	1.98	22.7	58.9	155	0.375	162	4.35	2.81	1.83	93500	25.8	4.14	<DL	13800	11	30.3
32112	A14-941-023	GMI14-426	75700	1.36	<DL	360	0.7	<DL	67800	1.54	25.4	60.7	145	0.438	175	4.92	3.06	1.99	97700	28.7	4.93	0.07	15600	12.2	26.4
32113	A14-941-024	GMI14-427	72000	1.92	<DL	392	0.531	<DL	65700	1.47	20.7	59.6	145	0.306	185	4.04	2.44	1.93	94100	27.8	3.92	0.052	16600	9.58	21.2
32114	A14-941-025	GMI14-428	69100	0.988	<DL	364	0.544	<DL	62900	1.84	19	59.9	150	0.313	187	3.5	2.42	1.77	92100	27	3.98	<DL	15900	9.24	31.8
32115	A14-941-026	GMI14-429	66700	2.05	<DL	195	0.598	<DL	66100	5.66	19.9	61	153	0.416	158	3.98	2.35	1.39	94600	21.8	3.96	<DL	8370	9.54	38.8
32116	A14-941-027	GMI14-430	59700	2.15	<DL	172	0.543	<DL	59900	2.18	19	59.2	138	0.188	231	3.25	2.2	1.32	91100	20.4	3.72	<DL	6900	9.39	36.1
32117	A14-941-028	GMI14-431	64700	1.97	<DL	354	0.611	<DL	57400	1.62	20	60.3	133	0.271	192	3.91	2.48	1.85	94500	26.9	3.92	<DL	14200	9.53	31.8
32118	A14-941-029	GMI14-432	69200	2.46	<DL	392	0.645	<DL	64800	1.58	21.8	61.2	117	0.268	206	4.05	2.74	2.03	98000	29.4	4.31	<DL	16800	10.4	21.3
32119	A14-941-030	GMI14-433	70100	2.03	<DL	344	0.533	<DL	67600	1.47	21.3	63.1	142	0.382	198	4.01	2.55	1.91	97300	27	3.87	<DL	15700	9.97	24.3
32120	A14-941-031	GMI14-434	75700	1.84	<DL	375	0.641	<DL	71400	1.59	22.8	62.1	128	0.256	210	4.38	2.93	2.03	103000	29.1	4.47	<DL	17300	11.1	21.4
32121	A14-941-032	GMI14-435	70300	1.39	<DL	365	0.65	<DL	66800	1.78	22.9	60	117	0.172	206	4.15	2.89	1.99	99000	28.3	4.75	0.061	16700	11.2	20.3
32122	A14-941-033	GMI14-436	71500	0.671	<DL	397	0.624	<DL	67400	1.77	22.8	59.8	118	0.229	203	4.12	2.8	2.11	99100	29.4	4.38	0.054	16900	10.8	21.5
32123	A14-941-034	GMI14-437	70600	1.69	<DL	443	0.619	<DL	66300	1.74	22	60.8	129	0.198	208	4.17	2.68	2.08	98700	30.9	4.28	<DL	17200	10.7	21.2



Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.311	27600	1500	<DL	20600	6.15	12.2	94.5	613	5.63	7.89	0.169	35.4	0.135	0.172	33.4	<DL	3.16	1.04	300	2.78	0.722	2.04	7970	0.269	0.719	349	2.11	19.1	2.43	134	
0.309	26100	1430	<DL	18800	5.86	11.3	86.5	550	4.32	7.73	0.145	33.1	0.124	0.101	33.1	<DL	2.88	0.944	300	<DL	0.676	1.93	8060	0.249	0.624	352	0.906	18.5	2.13	123	
0.329	28000	1490	<DL	15600	5.86	11.6	94.5	579	3.65	7.29	0.159	31.8	0.112	0.07	34.9	<DL	2.98	1.01	253	<DL	0.726	2.04	8360	0.238	0.596	368	<DL	19.4	2.36	125	
0.338	28200	1430	<DL	14400	5.66	11.6	97.7	576	3.48	7.05	0.146	31.2	0.104	0.109	34.6	<DL	2.92	0.96	242	<DL	0.683	1.98	8350	0.227	0.605	365	<DL	19.5	2.32	122	
0.324	31000	1460	<DL	14000	5.71	11.7	105	600	4.82	6.86	0.101	32.8	0.076	<DL	35.5	<DL	3.1	0.821	212	<DL	0.709	1.98	8040	0.204	0.56	352	<DL	20.1	2.37	123	
0.344	31700	1480	<DL	15900	5.57	11.4	106	615	3.61	6.89	0.157	31.6	0.068	0.096	35.3	<DL	3.15	0.911	218	<DL	0.688	2.02	7920	0.189	0.611	342	<DL	20.2	2.46	121	
0.289	31600	1380	<DL	13800	4.5	9.69	105	465	3.08	6.11	0.126	29.6	0.064	<DL	33.4	<DL	2.68	1	215	<DL	0.59	1.61	6930	0.171	0.479	325	<DL	16.8	2.04	110	
0.303	32000	1410	<DL	13300	4.76	10	117	521	2.66	6.51	0.129	29.2	0.097	0.15	33	<DL	2.69	0.89	214	<DL	0.616	1.57	7350	0.196	0.499	327	<DL	17.2	2.18	118	
0.307	30900	1590	<DL	18400	5.3	11.2	110	619	3.55	7.41	0.108	27.7	0.099	<DL	34.9	<DL	2.83	0.886	268	<DL	0.673	1.78	8500	0.201	0.533	397	<DL	17.9	2.22	122	
0.287	28900	1530	<DL	21100	4.49	9.65	108	476	5.82	7.34	0.108	21	0.123	0.073	30.5	<DL	2.4	<DL	301	<DL	0.589	1.61	7230	0.149	0.535	341	<DL	15.3	1.86	120	
0.378	27400	1650	4.42	17200	6.32	12.8	108	636	3.54	7.66	0.112	29.1	0.07	0.145	38.4	<DL	3.25	1.09	202	<DL	0.775	1.6	10400	0.199	0.382	506	<DL	22.6	2.82	135	
0.313	32300	1780	<DL	20300	4.44	9.49	114	511	18.1	7.9	0.133	24.5	0.13	0.094	35.4	<DL	2.46	0.704	324	<DL	0.571	1.56	8200	0.157	0.418	432	<DL	17	2.09	231	
0.284	30100	1700	<DL	18100	4.59	9.92	107	551	95.8	6.96	0.103	25.3	0.109	0.093	33.9	<DL	2.72	0.798	260	<DL	0.616	1.63	7510	0.171	0.486	360	<DL	17.2	2.06	545	
0.351	31700	1530	<DL	15200	5.5	11.7	108	645	8.1	7.29	0.122	34.3	0.088	0.081	35.6	<DL	2.99	0.741	243	<DL	0.714	1.99	8230	0.215	0.531	366	<DL	19.6	2.24	144	
0.371	29400	1470	<DL	16600	5.7	12.9	101	713	4.12	7.93	0.124	33.1	0.133	0.109	33.9	<DL	3.25	0.994	251	<DL	0.786	2.12	8270	0.233	0.573	358	<DL	20.7	2.6	128	
0.343	25300	1540	<DL	21900	5.75	12.2	92.9	763	5.62	8.31	0.112	32.4	0.117	0.098	30.2	0.692	3.22	0.907	288	<DL	0.726	2.1	8250	0.265	0.56	317	<DL	20.1	2.47	140	
0.333	31700	2000	<DL	21800	5.32	10.8	115	702	25.8	6.71	0.11	16	0.083	0.149	34	<DL	2.9	0.964	206	<DL	0.708	1.66	9380	0.091	0.516	455	<DL	17.8	2.11	209	
0.266	31200	2320	<DL	19800	4.79	9.96	110	614	72.3	5.87	0.145	13.6	0.05	<DL	29.4	<DL	2.58	0.941	156	<DL	0.647	1.48	7900	0.072	0.5	390	<DL	15.8	1.96	292	
0.307	28700	2120	<DL	23600	5.55	11.4	107	723	15.5	6.84	0.151	12.2	0.12	0.098	29	<DL	2.91	0.799	231	<DL	0.671	1.75	7950	0.07	0.546	336	<DL	17.6	2.16	269	
0.335	31000	2330	<DL	24200	5.87	11.7	114	733	24.7	8.45	0.168	21	0.126	0.098	31.8	<DL	3.08	1.02	285	<DL	0.732	1.92	8710	0.146	0.531	344	<DL	19.4	2.43	318	
0.296	30300	2210	<DL	23200	5.57	11.9	114	745	69.2	6.82	0.231	10.9	0.087	<DL	31	<DL	2.96	0.92	218	<DL	0.683	1.73	8180	0.087	0.535	336	<DL	17.7	2.31	251	
0.34	30900	2070	<DL	20900	5.9	12.5	117	799	9.87	7.82	0.219	32.5	0.1	0.08	33.2	<DL	3.1	0.923	255	<DL	0.728	1.94	7640	0.197	0.598	291	<DL	20	2.42	180	
0.455	36200	1700	<DL	18900	6.27	14	112	891	4.01	8.61	0.132	41.6	0.099	0.233	37.7	<DL	3.48	0.896	231	<DL	0.854	2.37	7790	0.227	0.683	300	<DL	24.7	2.81	125	
0.355	36100	1460	<DL	14800	4.89	10.7	109	708	3.47	7.33	0.121	39.7	0.077	0.084	37.4	<DL	2.86	0.834	218	<DL	0.694	1.8	7430	0.223	0.48	341	<DL	19.8	2.36	120	
0.3	33200	1910	<DL	17500	4.63	10.3	113	662	24.4	8.01	0.108	34.4	0.099	0.186	34.6	<DL	2.66	0.763	255	<DL	0.631	1.68	7050	0.203	0.464	325	<DL	17.8	1.99	177	
0.299	33200	1990	<DL	21800	6.64	10.9	125	738	282	7.67	0.068	20.1	0.091	0.149	31.2	<DL	2.94	0.958	237	2.57	0.702	1.9	7530	0.156	0.522	330	<DL	18.2	2.24	615	
0.292	28300	1690	<DL	20900	4.86	10.1	116	678	41	8.44	0.129	13.1	0.18	0.072	28.2	<DL	2.71	0.986	333	<DL	0.613	1.5	7070	0.117	0.455	324	<DL	16	1.99	176	
0.298	30600	1690	<DL	18400	5.1	11.1	115	758	7.4	8.93	0.175	25.7	0.151	0.11	30.7	<DL	2.8	0.847	301	<DL	0.703	1.74	7680	0.186	0.47	348	<DL	17.6	2.13	146	
0.354	31200	1550	<DL	14400	5.5	11.7	108	809	3.66	8.48	0.111	32.3	0.118	0.188	34.3	<DL	3	0.869	246	<DL	0.772	2.01	8270	0.19	0.541	372	<DL	20.8	2.5	126	
0.297	32800	1520	<DL	16600	5.44	11.5	121	796	3.48	7.74	0.121	33	0.123	0.105	32.2	<DL	3.17	1.12	245	<DL	0.7	1.92	7850	0.192	0.521	347	<DL	19.3	2.29	124	
0.339	32900	1610	<DL	15400	5.79	12.6	109	879	3.33	8.37	0.201	37.3	0.132	0.13	36.4	<DL	3.15	0.979	239	<DL	0.768	2.05	8560	0.242	0.556	382	<DL	22.5	2.7	131	
0.338	29100	1600	<DL	15500	5.74	12.8	105	906	3.29	7.91	0.094	30.8	0.102	0.112	33.1	<DL	3.29	0.979	235	<DL	0.741	2	8260	0.198	0.556	363	<DL	21.3	2.4	128	
0.335	29900	1610	<DL	15600	5.82	12.3	103	880	3.66	8.39	0.145	34.4	0.126	0.122	35.3	<DL	3.26	0.945	243	<DL	0.759	2.09	8330	0.248	0.588	365	<DL	21.2	2.38	131	
0.362	28500	1630	<DL	15500	5.59	12.7	101	886	3.74	8.36	0.188	32.1	0.104	0.083	34.1	<DL	3.19	1.02	247	<DL	0.766	1.88	8360	0.251	0.579	366	<DL	19.7	2.53	130	

32124	A14-941-035	GMI14-438	68200	1.68	<DL	591	0.614	<DL	62600	1.75	23	61.2	132	0.185	208	4	2.58	2.47	99400	36.3	4.49	0.05	16400	10.8	25.7
32125	A14-941-036	GMI14-439	68400	1.09	<DL	293	0.611	<DL	67000	1.7	23.2	65.1	108	0.252	241	4.87	2.92	1.82	113000	27.9	4.66	0.056	12500	10.4	22.2
32126	A14-941-037	GMI14-440	76000	1.29	<DL	364	2.25	<DL	51700	4.68	36	38.4	132	0.139	84.8	3.12	1.98	1.85	74900	30	5.04	<DL	7860	19.3	20.4
32127	A14-941-038	GMI14-441	80000	0.221	<DL	266	3.8	<DL	37300	4.17	55.7	26.1	136	<DL	62.5	2.63	1.93	1.68	55000	27.6	5.85	<DL	11900	31.7	17.8
32128	A14-941-039	GMI14-442	73300	0.753	<DL	276	5.3	<DL	42200	1.3	53	33.2	124	<DL	128	2.85	1.97	1.79	67000	27.3	6.22	<DL	19500	32.7	24.7
32129	A14-941-040	GMI14-443	65400	1.72	<DL	211	3.66	<DL	46100	1.4	43.4	47.5	166	0.05	81.2	3.24	2.07	1.52	88400	23.6	5.72	<DL	12300	26.8	23.8
32130	A14-941-041	GMI14-444	66200	1.04	<DL	159	2.73	<DL	50600	1.17	70.5	45	155	0.08	83.6	3.24	2.04	1.42	85400	21.3	6.65	<DL	10600	58.2	24.7
32131	A14-941-042	GMI14-445	64300	1.24	<DL	250	3.47	<DL	44400	1.39	46.1	39.8	204	<DL	83	2.52	1.72	1.55	74700	25.7	4.91	<DL	12200	33.6	19.3
32132	A14-941-043	GMI14-446	68900	0.317	<DL	436	2.13	<DL	51200	1.15	19.5	48.8	308	0.205	111	1.92	1.24	1.55	78200	30	2.87	<DL	13500	11.6	33.6
32133	A14-941-044	GMI14-447	68200	0.705	<DL	267	2.28	<DL	49300	1.57	48.2	41	183	<DL	84.9	3.13	2.11	1.69	74900	25.1	5.51	<DL	13900	33	11.3
32134	A14-941-045	GMI14-448	60800	1.64	<DL	260	3.24	<DL	45800	1.5	43.1	42.7	189	0.094	77.4	3.28	2.11	1.8	86200	24.7	5.48	<DL	10400	26	31.8
32135	A14-941-046	GMI14-449	54700	0.607	<DL	307	2.23	<DL	47400	1.44	41.4	45.4	192	<DL	103	2.88	1.89	1.7	85300	27	4.96	0.051	12300	28.4	14.7
32136	A14-941-047	GMI14-450	63000	0.633	<DL	563	2.64	<DL	45900	2.28	58.4	39.2	334	0.102	53.8	2.43	1.52	2.6	62300	36.7	6.39	<DL	16300	33.2	39
32137	A14-941-048	GMI14-451	65900	0.583	<DL	299	4.56	<DL	38700	2	62.2	37.4	229	0.095	45.7	2.55	1.54	1.8	65400	27.7	6.18	<DL	9350	42.9	36
32138	A14-941-049	GMI14-452	69400	<DL	<DL	528	3	<DL	49200	1.85	39.6	43.9	291	0.107	58.2	1.82	1.29	2.08	68200	35.3	4.15	<DL	13600	27.3	27.9
32139	A14-941-050	32139-941-50	77800	<DL	<DL	712	3.07	<DL	44900	1.78	26.9	39.6	268	0.284	85.5	1.85	1.33	2.51	66000	42.2	3.46	<DL	18600	14.2	43.6

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
32114	A14-941-025	GMI14-428	69100	0.988	<DL	364	0.544	<DL	62900	1.84	19	59.9	150	0.313	187	3.5	2.42	1.77	92100	27	3.98	<DL	15900	9.24	31.8
		GMI14-428 DUP	72300	0.787	<DL	381	0.576	<DL	66000	1.75	19.8	62.3	153	0.6	192	3.84	2.4	1.91	95500	28	4.14	0.055	16500	9.6	33.6
32138	A14-941-049	GMI14-452	69400	<DL	<DL	528	3	<DL	49200	1.85	39.6	43.9	291	0.107	58.2	1.82	1.29	2.08	68200	35.3	4.15	<DL	13600	27.3	27.9
		GMI14-452 DUP	68700	0.69	<DL	530	3.09	<DL	49200	1.72	40.1	44.2	293	0.122	59.9	2.15	1.39	2.03	68200	35.3	4.15	<DL	13800	27.6	26.8

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
		Certified Values:	1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		CRM PTM-1a #1		2200	3.3							20500			249600				14800						
		CRM PTM-1a #2		2260	3.29							20600			232000				13700						
		Certified Values:		2200	3.13							19900			226000				13300						
		CRM SU-1b #1	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #2	52300	12.4		353	0.51	2.04	26400	3.52	31.5	687	373	0.265	10800	1.53	0.87	1.54	217000	22.3	3.79		7590	16	
		Certified Values:	54300	8.76		358	0.517	1.54	26200	3.75	32	682	371	0.269	10700	1.32	0.76	1.48	217000	22.1	3.73		7770	16.1	
		CRM RTS-3a #1	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #2	59600	26		111		29.1	24700	9.9		153	198	0.402	2210				172000	42.6		1.7	5590	7.24	15.6
		Certified Values:	63400	23.7		117		28.6	25100	10		153	201	0.395	2220				176000	43.6		1.68	5740	7.42	16.3
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	76200	24.3		655	1.57		19600	2.52	82.1	33.6	80.3	2.24	42.6	4.99		3.03	41200				22400	45.9	29.5
		CRM LKSD-3 #2	79700	21.1		644	1.71		19600	3.07	83	32.7	80	2.4	41.9	4.95		3.02	41300				22800	45.7	30.6



**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		10.6	9.24		9.86	9.61		9.9	9.07			9.93		9.86	10.1	9.6		10	9.6	10		9.71	10.2
		Spike #4		11.1	9.07		9.94	10		9.81	10			9.82		10.1	10.5	9.92		9.73	10.8	9.81		9.66	10.2
		Actual Spike Values:				100						100	100		100										
		Spike #2				99.5						105	106		101										
		Spike #5				82.5						88.9	90.4		86.9										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	11100						10900										11200				11400		
		Spike #6	12500						11700										12200				12500		



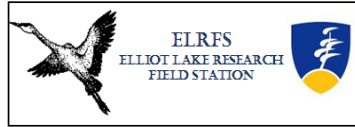
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-010

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-942 (22)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 09 23  
Received by: Troy Maki  
# of samples: 22  
Dates Analysed/ Analyst: Sept 24 - Oct 23, 2014 / Troy Maki  
Submission Date: 2014 11 12

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
32140	A14-942-001	GMI14-453	73400	0.852	1.11	509	2.23	<DL	47200	1.16	28.6	38.2	239	0.306	68.4	1.94	1.23	1.61	60700	30.8	3.14	<DL	11700	15.3	27.5
32141	A14-942-002	GMI14-454	77400	0.82	0.805	404	2.34	<DL	41200	1.88	51.6	32.3	166	0.101	74.3	2.53	1.67	1.7	59300	31.5	4.6	<DL	14700	31.3	12.8
32142	A14-942-003	GMI14-455	60300	0.63	0.612	253	3.2	<DL	41700	1.74	40.6	37.3	208	0.128	102	1.9	1.23	1.18	60800	23.1	3.67	<DL	7630	23.4	25.2
32143	A14-942-004	GMI14-456	64300	1.34	0.705	367	1.14	<DL	54900	2.06	27.4	48.1	98.8	0.308	152	5.28	3.26	1.92	101000	28.4	5.11	0.088	8920	12.8	32.4
32144	A14-942-005	GMI14-457	67800	1.78	0.615	464	0.774	<DL	56800	2.09	29.3	50.1	84.6	0.347	162	5.7	3.75	2.24	106000	31.4	5.63	0.097	13900	13.1	29.3
32145	A14-942-006	GMI14-458	70900	1.7	0.659	395	0.746	<DL	57900	2.02	28.3	50.1	82.5	0.422	156	5.75	3.86	2.16	106000	29.5	5.66	0.115	14300	12.7	27.1
32146	A14-942-007	GMI14-459	67600	1.55	0.663	367	0.795	<DL	56700	2.07	26.9	51.3	68	0.358	174	5.52	3.46	1.96	107000	28.8	5.13	0.091	13700	12.3	24.8
32147	A14-942-008	GMI14-460	66800	1.04	0.608	370	0.607	<DL	57400	1.58	22	50.4	93.1	0.202	165	4.47	2.93	1.88	98900	27.9	4.31	0.086	15600	9.89	21.3
32148	A14-942-009	GMI14-461	68700	1.3	0.578	371	0.736	<DL	60000	2.06	26.7	51.4	87.3	0.333	166	5.45	3.32	2.02	105000	28.9	5.27	0.104	13900	11.9	23
32149	A14-942-010	GMI14-462	67900	1.44	0.524	360	0.809	<DL	58000	2.08	28.3	49	108	0.335	141	5.74	3.55	2.09	101000	28.1	5.5	0.097	13200	12.6	23.5
32150	A14-942-011	GMI14-463	67700	1.13	0.539	305	0.702	<DL	63200	1.73	23.8	60.6	92.3	0.333	212	4.44	2.85	1.67	118000	26.8	4.55	0.079	11200	10.6	24.2
32301	A14-942-012	GMI14-464	71200	1.76	0.634	360	1.18	<DL	54200	3.06	42.9	46	103	0.544	103	8.26	5.12	2.61	109000	30.3	8.12	0.107	11400	18.9	23.8
32302	A14-942-013	GMI14-465	68800	1.51	0.603	257	1.13	<DL	51100	2.82	29.8	52.6	115	0.306	136	5.46	3.36	1.92	106000	26.8	5.56	0.106	8940	13.5	30.5
32303	A14-942-014	GMI14-466	62600	0.864	0.552	244	0.864	<DL	45900	1.87	25	47.6	108	0.217	126	4.81	2.89	1.61	96400	23.3	4.73	0.09	8920	11	29.3
32304	A14-942-015	GMI14-467	70800	1.96	0.518	369	0.744	<DL	57300	1.94	26	51.3	103	0.328	159	5.11	3.15	1.97	104000	29	4.91	0.094	14100	11.3	25.5
32305	A14-942-016	GMI14-468	70000	1.45	0.525	286	0.773	<DL	56900	2.06	25.6	50.6	102	0.321	162	5.04	3.1	1.74	102000	25.4	4.8	0.081	11800	11.2	22.6
32306	A14-942-017	GMI14-469	72200	1.34	0.503	288	0.762	<DL	61300	1.71	25.6	51.2	104	0.339	157	4.97	3.35	1.81	105000	26.1	4.93	0.086	13400	11.2	21.6
32307	A14-942-018	GMI14-470	73400	1.17	0.562	287	0.802	<DL	60700	1.97	26.7	50.6	103	0.352	155	5.32	3.37	1.77	104000	25.9	5.29	0.098	13900	11.8	22.8
32308	A14-942-019	GMI14-471	77500	1.79	0.556	300	0.824	<DL	62600	2.02	27.5	54	100	0.346	175	5.63	3.74	1.91	109000	27	5.29	0.095	14300	12	23.8
32309	A14-942-020	GMI14-472	77300	1.61	0.59	313	0.83	<DL	61900	2.13	28	52	96.5	0.389	160	5.67	3.53	1.97	108000	27.8	5.73	0.108	14500	12.3	24.7
32310	A14-942-021	GMI14-473	70400	1.28	0.523	309	0.928	<DL	55200	2.16	28.8	48.4	76.2	0.275	158	5.58	3.35	1.96	102000	26.7	5.54	0.096	12600	13.1	26.1
32311	A14-942-022	GMI14-474	70600	2.26	0.518	429	1.22	<DL	49600	2.51	31.3	49.1	79.1	0.336	159	5.59	3.68	2.28	102000	30.8	5.75	0.098	10900	14.2	35.7

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.17	27600	857	<DL	36400	7.95	11.2	113	189	11.6	8.93	0.082	30.2	0.264	0.166	24.3	<DL	2.21	<DL	540	2.28	0.425	6.73	4010	0.2	3.63	223	0.948	10.5	1.17	90.4	
0.215	16900	774	<DL	44100	8.27	18.5	72.3	336	14.3	9	0.101	26.2	0.25	0.167	20.5	<DL	3.52	<DL	522	<DL	0.551	12.7	4720	0.169	4.77	225	0.827	12.6	1.42	87.4	
0.163	19900	862	<DL	34200	10.2	14	95.4	182	14.7	5.95	0.117	16.9	0.136	0.163	18.7	<DL	2.68	<DL	322	<DL	0.421	11.3	3900	0.147	6.61	213	<DL	9.36	1.12	101	
0.423	26300	1470	<DL	20100	6.95	16.2	63.7	707	9.29	7.77	0.099	25.3	0.099	0.197	30.7	<DL	4.14	1.27	223	<DL	0.966	2.08	8740	0.158	0.67	328	<DL	26.4	3.06	130	
0.498	26000	1530	<DL	20400	7.39	17.1	60.5	739	3.74	9.78	0.131	46.3	0.126	0.198	34.4	<DL	4.59	1.31	310	<DL	1.05	2.07	9360	0.269	0.556	351	<DL	29.4	3.34	140	
0.525	28000	1410	<DL	20300	7.27	16.8	62.1	736	3.29	10.1	0.124	52.2	0.136	0.192	36	<DL	4.64	1.27	322	<DL	1.05	2.17	9070	0.274	0.537	350	<DL	30.2	3.26	135	
0.477	26400	1410	<DL	20000	7.01	15.8	61.5	711	4.02	9.45	0.13	44.9	0.122	0.167	34.9	<DL	4.42	1.3	289	<DL	0.959	1.97	9760	0.252	0.486	388	<DL	28.4	3.17	136	
0.364	25900	1310	<DL	17300	5.69	13.2	70.7	583	2.83	7.93	0.095	40.6	0.126	0.143	31.5	<DL	3.55	0.926	294	<DL	0.794	1.52	8480	0.263	0.394	358	<DL	22	2.61	125	
0.447	27300	1370	<DL	19700	6.77	16	68.3	701	3.07	8.96	0.111	41.2	0.121	0.156	33.7	<DL	4.13	1.24	291	<DL	0.973	1.95	9180	0.247	0.528	367	<DL	27.2	3.15	132	
0.468	27400	1390	<DL	19900	7.2	16.7	68.2	750	4.27	9	0.119	39.6	0.12	0.163	33.1	<DL	4.44	1.18	275	<DL	0.95	2.05	8590	0.255	0.511	308	<DL	28.4	3.15	130	
0.399	28400	1500	<DL	17200	6.13	13.5	73.1	651	3.64	6.97	0.144	29.2	0.071	0.121	35.1	<DL	3.9	0.874	203	<DL	0.815	1.62	9870	0.228	0.421	462	<DL	22.2	2.57	132	
0.681	23400	1530	<DL	24600	10.3	24.7	42.3	1170	5.24	11.6	0.184	39.8	0.112	0.206	34.4	<DL	6.39	1.81	289	<DL	1.45	3.06	9530	0.206	0.785	216	<DL	41.8	4.8	151	
0.454	27500	1650	<DL	27200	7.46	17.6	65.8	823	44.3	7.38	0.094	25.5	0.089	0.171	32.2	<DL	4.5	1.32	198	<DL	0.998	1.88	9250	0.173	0.513	325	<DL	24.5	3.04	214	
0.367	24600	1460	<DL	26000	6.69	14.7	63.8	741	10.2	6.97	0.11	23.2	0.081	0.194	26.4	<DL	4.14	1.13	220	<DL	0.851	1.57	8150	0.167	0.489	272	<DL	21.2	2.59	126	
0.398	27000	1580	<DL	22100	6.66	15.4	68.6	719	7.35	8.5	0.131	38.9	0.131	0.155	32.3	<DL	4.19	1.1	275	<DL	0.917	1.79	9370	0.254	0.467	366	<DL	25.2	2.78	136	
0.409	27800	1390	<DL	23900	6.51	15	66.5	721	4.31	8.28	0.107	33.2	0.123	0.127	32.6	<DL	4.01	1.13	265	<DL	0.914	1.75	9130	0.202	0.478	354	<DL	24.4	2.85	132	
0.436	29100	1360	<DL	19400	6.48	14.8	67.3	739	2.95	8.73	0.152	39	0.133	0.146	34.7	<DL	4.11	1.11	284	<DL	0.929	1.81	9410	0.212	0.468	366	<DL	26.1	3.01	129	
0.467	28900	1350	<DL	20100	6.68	15.4	66	772	2.89	9.25	0.149	41	0.128	0.13	34.4	<DL	4.37	1.21	284	<DL	0.958	1.95	8980	0.237	0.476	342	<DL	27.6	3.17	126	
0.504	29300	1400	<DL	20600	7.06	16.3	95.7	825	2.95	9.8	0.12	42.2	0.126	0.192	35.9	<DL	4.41	1.26	296	<DL	1.01	2.01	9520	0.242	0.521	359	<DL	28.3	3.32	131	
0.489	29200	1410	<DL	21500	7.15	16.5	71.9	838	3.12	9.72	0.128	45.5	0.154	0.126	35.8	<DL	4.47	1.33	302	<DL	0.986	2.02	9590	0.222	0.517	360	<DL	28.9	3.3	131	
0.453	25100	1400	<DL	25800	7.4	16.4	59.1	790	4.64	9.26	0.134	38.7	0.124	0.175	31.6	<DL	4.36	1.19	288	<DL	0.998	2.48	9260	0.199	0.74	339	<DL	27.3	3.16	126	
0.468	26000	1460	<DL	29800	7.78	17.3	57.7	845	11.3	9.85	0.111	33.3	0.154	0.208	31.3	<DL	4.6	1.32	314	<DL	1.02	2.84	9320	0.203	0.885	337	<DL	26.9	3.24	139	

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
32311	A14-942-022	GMI14-474 GMI14-474 DUP	70600 71000	2.26 2.36	0.518 0.508	429 419	1.22 1.08	<DL <DL	49600 49800	2.51 2.37	31.3 30.2	49.1 48.2	79.1 77.7	0.336 0.386	159 156	5.59 5.51	3.68 3.49	2.28 2.11	102000 100000	30.8 30.3	5.75 5.51	0.098 0.1	10900 10800	14.2 13.8	35.7 36.6

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg	As mg/kg	Au mg/kg	Ba mg/kg	Be mg/kg	Bi mg/kg	Ca mg/kg	Cd mg/kg	Ce mg/kg	Co mg/kg	Cr mg/kg	Cs mg/kg	Cu mg/kg	Dy mg/kg	Er mg/kg	Eu mg/kg	Fe mg/kg	Ga mg/kg	Gd mg/kg	In mg/kg	K mg/kg	La mg/kg	Li mg/kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2410	3.89							21400			247000				15000						
		CRM PTM-1a #2		2090	4.22							20000			231000				14800						
		CRM PTM-1a #3		1950	3.5							20000			216000				14800						
		CRM PTM-1a #4		1870	2.69							19500			209000				14000						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	45100	6.63		335	0.343	2.57	24300	3.28	38.3	689	350	0.218	11300	1.54	0.862	1.39	248000	20.2	3.96		7210	15.5	
		CRM SU-1b #2	43800	6.49		331	0.356	2.81	22700	3.48	40.8	668	342	0.222	11200	1.47	0.828	1.52	237000	20.7	4.25		6800	15.3	
		CRM SU-1b #3	48900	6.78		366	0.5	2.35	24400	3.96	32.9	675	334	0.261	10300	1.46	0.823	1.39	238000	21.8	3.3		7040	16.1	
		CRM SU-1b #4	51000	6.3		351	0.536	2.35	26100	3.88	31.9	646	319	0.248	9950	1.42	0.854	1.44	225000	20.8	3.35		6790	15.3	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	52400	19.4		106		29.8	23100	9.15		153	188	0.354	2300				199000	41.7		1.47	5280	6.87	9.79
		CRM RTS-3a #2	50900	20.9		106		32.4	21800	8.74		149	184	0.369	2270				187000	40.3		1.49	5030	6.75	10
		CRM RTS-3a #3	56600	18.3		115		27.7	23300	10.7		149	175	0.404	2090				187000	42		1.58	5100	6.94	14.9
		CRM RTS-3a #4	60600	20.1		114		28.1	25500	10.1		146	173	0.38	2050				182000	40.3		1.57	5110	7.24	17.9
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	63700	21.2		600	1.11		17700	1.65	97.7	32.2	75.5	2.1	40.4	4.78		2.52	40300				20400	42.6	18.4
		CRM LKSD-3 #2	60400	21.6		590	0.994		16200	1.8	105	31.6	71.5	2.03	41.8	4.8		2.73	37700				18900	43.6	18.6
		CRM LKSD-3 #3	72900	19.2		650	1.67		19400	2.11	84.8	31.8	70.3	2.25	40.1	4.8		2.6	38300				20400	45.6	29.1
		CRM LKSD-3 #4	79200	20.2		667	1.91		20500	2.29	87.4	32.6	72.3	2.28	41.6	4.63		2.67	44000				21500	46.4	35.8



Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	<DL	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.468	26000	1460	<DL	29800	7.78	17.3	57.7	845	11.3	9.85	0.111	33.3	0.154	0.208	31.3	<DL	4.6	1.32	314	<DL	1.02	2.84	9320	0.203	0.885	337	<DL	26.9	3.24	139	
0.457	26600	1460	<DL	29800	7.58	17.4	56.9	834	11.1	9.94	0.143	33.8	0.163	0.176	31.6	<DL	4.61	1.39	311	<DL	1.01	2.85	9180	0.189	0.9	334	<DL	27.3	3.23	137	

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06
							474400		290	10.07	7.29		0.94																	
							479000		332	2.29	7.82		1.84																	
							452000		333	2.68	8.54		1.97																	
							428000		304	2.7	6.85		1.96																	
							414000		309	3.77	7.12		2.05																	
0.09	17900	703	4	16000	3	15	19530	600	58		0.491	13		0.2	9	20.7	3		280					0.3	0.2	82.5		7	0.6	235
0.08	18200	647	5.12	17800	3.49	17.2	19300	867	59.5		0.564	13.7		0.263	9.72	27.5	3.15		306					0.284	0.157	89.1		6.89	0.713	263
0.085	17900	613	5.09	18200	3.49	18	19000	913	63.1		0.487	13.5		0.227	9.37	28.7	3.44		293					0.314	0.15	88.7		6.74	0.645	263
0.079	20300	624	6	18800	3.26	15.7	17800	719	54.4		0.413	13.4		0.362	9.38	34.4	2.7		312					0.279	0.177	85.2		6.85	0.6	260
0.09	20800	663	4.9	18900	3.09	14.9	17100	772	54.6		0.455	12.6		0.333	9.24	33.9	2.82		295					0.298	0.16	82.4		6.52	0.603	253
	24830	1585	3	6840	4		61.3	446	209			13		2	10	44.8			44.7		0.5	1.4	3510	3	0.3	120	5	10		2890
	25300	1400	3.14	7590	4.57		83.2	621	206			12.8		2.47	16.9	49.4			46.7		0.519	0.906	3770	4.1	0.258	124	6.63	13.2		2770
	25300	1320	<DL	7510	4.5		90.4	697	211			12.6		2.68	16.2	45.3			44.5		0.538	0.821	3640	4.11	0.227	120	5.2	13.1		2690
	28200	1330	3.21	7680	4.32		83.9	491	199			12.2		2.52	16.3	48.7			46.8		0.494	0.988	3610	3.76	0.259	116	5.76	12.9		2680
	29800	1300	3.09	7920	4.12		87.2	566	199			11.8		2.44	15.7	51.3			45.1		0.524	0.951	3560	3.77	0.279	115	5.74	12.7		2590

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		10.1	10.7		9.27	10.1		10.2	10.3			10.2		10	10.1	10.2		10.1	10.5	10.1		10.2	9.04
		Spike #4		10.2	11		6.98	10.1		8.75	11.6			9.22		10.5	10.3	10.6		9.67	12.2	8.88		9.19	6.78
		Spike #7		7.96	9.82		8.82	9.62		10.1	9.29			9.35		9.15	9.3	9.2		9.29	9.41	9.4		9.23	8.58
		Spike #10		8.79	9.5		9.65	9.02		9.98	9.31			9.6		9.19	9.23	9.43		9.21	9.14	9.34		9.56	10.2
		Actual Spike Values:				100						100	100		100										
		Spike #2				101						100	102		97.8										
		Spike #5				77						86.6	84.8		87										
		Spike #8				118						113	104		104										
		Spike #11				82.9						83.1	77		79.5										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10500						10600										10800				10800		
		Spike #6	10400						10800										12700				11300		
		Spike #9	10100						11200										11300				10200		
		Spike #12	10800						11200										11500				10500		



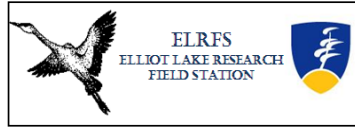
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-011

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0  
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**Batch: 14-1018 (52) & 14-1019 (45)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples: 52 + 45  
Dates Analysed/ Analyst: Oct 10 - Nov 4, 2014 / Troy Maki  
Submission Date: 2014 11 12

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
32312	A14-1018-001	GMI14-475	63500	0.731	0.953	445	0.732	<DL	58600	0.236	12.1	53.7	363	0.409	58.8	1.52	1.04	1.09	73900	23.7	1.56	<DL	9710	9.57	57.1
32313	A14-1018-002	GMI14-476	54500	0.632	<DL	336	0.672	<DL	46900	0.807	20.8	52.7	137	0.276	174	3.59	2.26	1.47	93400	23.4	3.66	0.067	11600	9.46	25.7
32314	A14-1018-003	GMI14-477	52700	0.917	<DL	339	1.11	<DL	37500	0.989	21.1	48.5	149	0.159	145	3.11	1.94	1.33	81800	23.5	3.15	0.059	11100	10.5	26.6
32315	A14-1018-004	GMI14-478	49600	0.722	<DL	178	1.26	<DL	43800	0.694	23.4	44.1	267	0.083	117	1.63	1.04	0.835	66300	18.9	2.27	<DL	7750	16.2	31.2
32316	A14-1018-005	GMI14-479	49700	0.579	<DL	180	1.38	<DL	43000	0.502	18.4	45.9	294	0.104	71.8	1.59	0.985	0.759	66600	17.3	1.86	<DL	8220	13	33.2
32317	A14-1018-006	GMI14-480	57600	0.737	<DL	195	0.843	<DL	53500	0.282	6.6	53.8	357	0.288	88.4	1.68	1.03	0.763	76300	18	1.41	<DL	8280	3.74	42.3
32318	A14-1018-007	GMI14-481	53400	0.67	<DL	149	1.05	<DL	50700	0.315	10.3	50.1	333	0.188	90.9	1.69	1.01	0.757	73900	17.3	1.56	<DL	7860	6.32	37.2
32319	A14-1018-008	GMI14-482	49900	0.686	<DL	121	1.29	<DL	38200	0.864	37	39.9	261	0.078	112	1.83	1.1	0.889	58700	16.9	3.16	<DL	6290	20.1	24.2
32320	A14-1018-009	GMI14-483	47200	0.627	<DL	168	1.03	<DL	42400	0.488	12.4	44	290	0.13	68.4	1.5	0.941	0.727	67600	17.6	1.6	<DL	7340	7.52	27.9
32321	A14-1018-010	GMI14-484	47500	0.739	<DL	119	1.12	<DL	35200	0.667	13.9	46.5	281	0.096	41.7	1.69	1.04	0.71	76000	17.4	1.84	<DL	7170	8.25	40
32322	A14-1018-011	GMI14-485	48900	1.99	<DL	221	1.5	<DL	44900	1.18	24	42.8	181	0.06	85	3.75	2.25	1.41	81400	22	3.92	0.073	6500	11.6	22.1
32323	A14-1018-012	GMI14-486	57100	4.56	<DL	372	0.605	<DL	56000	1.5	30.9	48.8	101	0.199	147	5.97	3.64	2.08	104000	28	6.05	0.095	12600	12	16.5
32324	A14-1018-013	GMI14-487	56800	3.81	<DL	292	0.531	<DL	56200	1.46	31.4	49.6	89.4	0.253	158	6.17	3.81	2	107000	26.2	6.27	0.097	12200	11.9	14.7
32325	A14-1018-014	GMI14-488	50800	1.32	<DL	287	0.444	<DL	58500	1.11	26.8	60.6	101	0.164	217	4.84	2.97	1.75	117000	26	4.96	0.084	10700	10.4	14.6
32326	A14-1018-015	GMI14-489	55000	4.84	<DL	270	0.542	<DL	55500	1.53	32	52.1	88.5	0.207	165	5.99	3.6	2	109000	26.1	6.05	0.098	11300	12.1	14.1
32327	A14-1018-016	GMI14-490	55700	1.61	<DL	280	0.52	<DL	56300	1.48	32	51.6	92.6	0.211	161	5.97	3.63	1.99	108000	26.2	6.14	0.097	13000	12	12.3
32328	A14-1018-017	GMI14-491	53400	1.86	<DL	237	0.508	<DL	53300	1.44	31.8	49.7	69	0.244	166	5.97	3.55	1.9	107000	24.6	5.98	0.09	11700	12	11.1
32329	A14-1018-018	GMI14-492	53500	1.69	<DL	261	0.491	<DL	54300	1.38	30.6	49.3	88.8	0.222	158	5.84	3.52	1.94	104000	25.3	5.9	0.085	12200	11.3	11.3
32330	A14-1018-019	GMI14-493	57500	1.45	<DL	275	0.463	<DL	58100	1.31	29.5	53.1	110	0.201	167	5.62	3.41	1.94	109000	26.4	5.7	0.092	14100	11	11.5
32331	A14-1018-020	GMI14-494	55700	1.67	<DL	258	0.491	<DL	58400	1.35	29.9	54.2	96.4	0.198	177	5.61	3.32	1.88	110000	25.9	5.61	0.092	12900	11.1	12
32332	A14-1018-021	GMI14-495	54400	1.46	<DL	257	0.364	<DL	56800	1.03	23.8	53.8	105	0.159	180	4.57	2.71	1.68	104000	24.9	4.78	0.081	13600	8.84	11.4
32333	A14-1018-022	GMI14-496	52700	1.59	<DL	233	0.412	<DL	54300	1.25	26.6	53.1	104	0.171	174	4.84	2.79	1.75	104000	24.2	5.1	0.091	11600	9.85	13.2
32334	A14-1018-023	GMI14-497	55600	1.6	<DL	262	0.461	<DL	56400	1.3	30.9	53.6	113	0.198	166	5.59	3.43	1.96	106000	25.7	5.87	0.088	12000	11.3	11.9
32335	A14-1018-024	GMI14-498	52800	1.39	<DL	243	0.421	<DL	54500	1.31	29.4	52.1	117	0.236	151	5.34	3.26	1.89	102000	24.7	5.62	0.09	11500	10.6	13.3
32336	A14-1018-025	GMI14-499	48800	1.49	<DL	135	0.62	<DL	45800	1.37	32.2	50.8	177	0.232	130	5.48	3.31	1.76	104000	20.6	5.82	0.097	5970	12	15.8
32337	A14-1018-026	GMI14-500	52200	1.67	<DL	258	0.413	<DL	52900	1.27	29.4	53	114	0.186	176	5.2	3.18	1.86	104000	25.5	5.61	0.09	12000	10.4	10.5
32338	A14-1018-027	GMI14-501	52500	1.78	<DL	251	0.452	<DL	54800	1.54	36.1	53	111	0.227	175	6.43	3.93	2.12	110000	26.3	6.81	0.096	11200	12.8	10.1
32339	A14-1018-028	GMI14-502	44900	1.76	<DL	203	0.402	<DL	50500	1.48	31.8	53.2	79.8	0.231	209	5.97	3.66	1.88	111000	23	6.17	0.087	9320	11.3	8.98
32340	A14-1018-029	GMI14-503	49600	1.38	<DL	226	0.409	<DL	52300	1.47	31.7	50.3	117	0.205	158	5.68	3.42	1.88	101000	24	6.06	0.086	11200	11.3	9.63
32341	A14-1018-030	GMI14-504	52400	1.59	<DL	255	0.455	<DL	55700	1.46	35.7	53.5	131	0.197	161	6.32	3.78	2.1	108000	26.3	6.69	0.106	12000	12.7	11
32342	A14-1018-031	GMI14-505	48400	1.2	<DL	171	0.781	<DL	46900	1.63	39.7	40.4	118	0.181	120	5.34	3.28	1.76	81600	21.5	6.03	0.08	6910	16	8.38
32343	A14-1018-032	GMI14-506	45300	1.27	<DL	178	0.557	<DL	46600	1.61	37.5	40.8	103	0.187	129	6.11	3.72	1.96	90600	21.6	6.6	0.082	7850	13.6	7.9
32344	A14-1018-033	GMI14-507	53400	1.28	<DL	239	0.478	<DL	54500	1.56	38.5	46.9	148	0.218	112	6.72	4.07	2.16	98800	25.4	7.21	0.096	11700	13.7	10.6
32345	A14-1018-034	GMI14-508	54000	1.47	<DL	240	0.458	<DL	55500	1.59	38.7	46.5	137	0.24	116	6.6	4.07	2.17	99200	25.4	7.09	0.091	11700	13.7	10.4

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.144	41800	1100	<DL	13800	4.57	4.18	223	167	4.6	4.29	<DL	22.8	0.12	<DL	24.8	<DL	1.1	<DL	286	7.94	0.261	1.02	4140	0.214	0.561	227	2.81	8.12	0.98	98.9	
0.299	26300	1870	<DL	14900	5.4	10.9	90.3	661	25.2	4.75	0.109	32.6	0.086	<DL	29.5	<DL	2.96	0.9	217	<DL	0.626	1.7	6870	0.291	0.479	300	1.81	17.2	2.03	117	
0.262	22700	1510	<DL	20900	5.63	9.93	96.6	565	17.8	4.31	0.137	26.2	0.09	<DL	22.8	<DL	2.5	0.786	211	<DL	0.544	7.48	6230	0.242	3.38	266	1.76	13.9	1.78	125	
0.145	23800	1110	<DL	18300	4.24	7.58	169	181	8.17	5.23	0.083	12.1	0.143	<DL	16.9	<DL	1.6	<DL	347	<DL	0.305	5.51	3810	0.144	2.94	206	1.33	7.6	1.01	108	
0.139	28900	1140	<DL	19400	3.48	5.75	178	171	5.95	4.12	0.063	13.4	0.11	<DL	18.6	<DL	1.28	<DL	257	<DL	0.27	2.78	3840	0.148	2.18	214	1.25	7.46	0.916	112	
0.151	32200	1120	<DL	13900	2.5	3.56	206	192	3.98	4.63	<DL	20.9	0.128	<DL	23.6	<DL	1.07	<DL	288	<DL	0.278	0.951	4510	0.208	0.658	246	1.26	7.86	0.993	102	
0.144	32500	1120	<DL	18000	3.1	4.4	182	195	4.1	4.66	<DL	16.4	0.119	<DL	22.9	<DL	1.18	<DL	277	<DL	0.285	1.32	4460	0.15	1.21	242	1.1	7.92	0.985	113	
0.144	20500	928	<DL	25100	6.57	12.8	140	160	28.3	3.79	0.09	12.7	0.098	<DL	16	<DL	2.41	<DL	218	<DL	0.394	5.9	3690	0.136	3.12	198	0.912	8.32	0.981	90.5	
0.125	26700	1080	<DL	19000	3.56	4.67	144	163	50.2	3.14	0.066	15.7	0.08	<DL	19.6	<DL	1.17	<DL	185	<DL	0.254	3.94	4160	0.154	2.16	230	0.952	6.8	0.934	105	
0.143	29300	1190	<DL	20400	2.54	5.48	135	183	80.4	3.04	<DL	9.48	0.07	<DL	22.2	<DL	1.38	<DL	167	<DL	0.292	1.49	4600	0.111	0.978	258	0.955	7.31	0.959	155	
0.289	20000	1450	3.08	20900	5.83	11.9	93.4	598	59	4.81	0.104	13	0.097	<DL	24.3	<DL	3.14	0.959	211	<DL	0.68	1.93	7330	0.117	1.32	309	0.952	16.2	2.07	146	
0.489	21400	1590	<DL	18600	7.31	17.5	62.4	879	9.76	7.24	0.156	38.7	0.109	<DL	33.6	1.04	4.82	1.31	273	<DL	1.03	1.89	9200	0.27	0.515	347	0.82	28	3.34	140	
0.501	21100	1470	<DL	16500	7.46	18.1	60	921	4.75	7.34	0.15	39.4	0.11	<DL	34.9	0.854	4.87	1.35	260	<DL	1.07	1.88	9490	0.262	0.471	358	<DL	29.2	3.45	130	
0.397	19400	1540	<DL	12500	6.34	14.7	71.7	743	3.97	5.51	0.126	20.9	0.084	<DL	32.5	1.19	3.93	1.06	193	<DL	0.828	1.43	9920	0.219	0.358	458	<DL	21.6	2.62	126	
0.466	18700	1480	<DL	18900	7.6	18.1	63.4	890	4.84	7.4	0.164	34.4	0.126	0.736	33	0.867	4.87	1.33	281	<DL	1.04	1.76	9820	0.243	0.49	369	<DL	26.3	3.29	130	
0.472	19800	1440	<DL	16000	7.52	17.9	65.2	887	4.31	7.11	0.148	38.4	0.117	<DL	34.3	<DL	4.85	1.29	249	<DL	1.06	1.77	9520	0.258	0.475	358	<DL	26.9	3.13	132	
0.465	18000	1400	<DL	16300	7.49	17.7	57.7	902	3.59	6.85	0.149	36	0.105	<DL	32.7	0.787	4.87	1.3	232	<DL	1.07	1.79	9730	0.266	0.478	364	<DL	27.1	3.17	125	
0.46	18800	1380	<DL	16000	7.19	17.3	59.9	838	4.37	6.8	0.16	37.9	0.108	<DL	33.1	0.67	4.76	1.23	237	<DL	1	1.74	9250	0.266	0.48	352	<DL	25.9	3.14	121	
0.447	20800	1440	<DL	15000	7.07	16.6	67.7	816	3.5	7.02	0.146	40.7	0.113	<DL	36	1.41	4.57	1.16	255	<DL	1	1.59	9790	0.267	0.423	389	<DL	25.6	2.99	127	
0.427	19600	1460	<DL	16700	7.02	17	67.9	826	4.16	6.86	0.144	36.8	0.116	<DL	34.8	0.946	4.5	1.24	259	<DL	0.974	1.56	10200	0.263	0.425	413	<DL	24.3	2.91	125	
0.344	19300	1370	<DL	14800	5.61	13.7	73	651	3.63	6.22	0.095	35	0.113	<DL	32.9	<DL	3.71	0.993	249	<DL	0.789	1.23	9370	0.262	0.343	431	<DL	19.6	2.4	116	
0.356	19200	1430	<DL	18900	6.26	15	79.2	742	4.48	6.06	0.125	30.6	0.106	<DL	31	1.33	4.17	1.12	244	<DL	0.871	1.27	9020	0.201	0.351	372	<DL	19.8	2.5	119	
0.425	20800	1440	<DL	16200	6.95	17.3	74.1	858	4.2	7.06	0.143	32.9	0.112	<DL	34.3	<DL	4.81	1.26	247	<DL	1.01	1.6	8770	0.23	0.443	340	<DL	24.8	3.05	124	
0.385	20800	1460	<DL	17400	6.67	16.4	71.1	792	4.93	6.72	0.152	33.8	0.11	<DL	33.6	0.742	4.46	1.2	234	<DL	0.953	1.47	8850	0.226	0.427	350	<DL	23.3	2.85	118	
0.404	22100	1410	<DL	21500	7.48	17.8	70	883	7.94	5.74	0.178	16.9	0.089	<DL	31.3	<DL	4.64	1.3	184	<DL	0.974	1.59	8920	0.109	0.474	330	1.02	23.3	2.82	118	
0.397	18200	1440	<DL	15500	8.38	16.4	72.9	751	5.16	6.71	0.148	33.2	0.116	0.116	31.9	<DL	4.43	1.26	236	<DL	0.937	1.56	9410	0.253	0.375	407	1.29	22	2.72	120	
0.504	17900	1450	<DL	15800	8.08	20	65.4	910	5.65	7.69	0.151	35.4	0.116	<DL	34.4	<DL	5.36	1.35	244	<DL	1.13	1.79	9890	0.243	0.458	395	1.07	28.5	3.5	132	
0.473	19100	1410	<DL	13200	7.48	17.9	65.4	819	4.84	7.05	0.142	32.1	0.1	<DL	36.3	0.65	4.84	1.31	202	<DL	1.06	1.66	10900	0.2	0.418	489	0.816	27.5	3.3	129	
0.441	19200	1350	<DL	14100	7.08	17.6	67.7	788	4.07	7.08	0.153	35.2	0.112	<DL	33.2	0.637	4.73	1.19	232	<DL	1	1.6	8890	0.209	0.406	358	<DL	25.2	3.07	125	
0.489	19200	1450	<DL	14600	7.91	19.9	71.5	962	4.71	7.56	0.146	34.9	0.117	<DL	35	0.901	5.33	1.31	248	<DL	1.12	1.74	9470	0.229	0.451	361	<DL	27.9	3.33	130	
0.427	14700	1150	<DL	25400	8.53	18.7	57.3	733	20.4	6.07	0.173	23.2	0.092	<DL	25.5	<DL	4.61	1.15	197	<DL	0.958	4.62	6770	0.137	2	249	<DL	23.4	2.96	110	
0.473	13500	1230	<DL	18600	8.46	19.9	48.8	1100	7.27	6.89	0.154	23.7	0.105	<DL	26.5	0.919	5.32	1.24	219	<DL	1.1	2.61	8320	0.149	0.942	208	0.83	26.7	3.16	116	
0.518	17600	1350	<DL	16000	8.38	21.4	61.4	1050	4.55	7.86	0.142	36	0.115	<DL	32.1	1.12	5.56	1.37	248	<DL	1.21	2.03	8360	0.219	0.538	241	<DL	30.4	3.62	124	
0.528	18300	1370	<DL	16100	8.39	21.3	60	1020	3.69	7.87	0.193	36.5	0.117	<DL	32.8	0.899	5.65	1.4	244	<DL	1.21	1.97	8420	0.222	0.476	244	<DL	30.6	3.63	123	

32346	A14-1018-035	GMI14-509	52700	1.5	<DL	236	0.443	<DL	56700	1.5	36	50.7	135	0.236	142	6.39	3.89	2.1	103000	25.1	6.78	0.105	12400	12.6	10
32347	A14-1018-036	GMI14-510	53000	1.47	<DL	227	0.466	<DL	55400	1.65	39.6	49	122	0.305	141	6.84	4.15	2.17	103000	24.8	7.47	0.102	11300	13.9	9.99
32348	A14-1018-037	GMI14-511	50100	2	<DL	251	0.372	<DL	57600	1.39	30	57.6	192	0.238	185	5.36	3.21	1.88	109000	25.4	5.57	0.098	12300	10.5	9.82
32349	A14-1018-038	GMI14-512	51500	1.6	<DL	253	0.419	<DL	53000	1.57	36	50.9	169	0.204	150	6.05	3.64	2.09	103000	26	6.65	0.097	12500	12.5	9.66
32350	A14-1018-039	GMI14-513	49900	2.17	<DL	325	0.357	<DL	53400	1.15	26.5	57.9	202	0.219	153	4.25	2.61	1.85	101000	27.4	4.68	0.074	12500	9.35	13.8
32351	A14-1018-040	GMI14-514	54300	2.07	<DL	272	0.398	<DL	54800	1.46	35.3	52.4	146	0.29	156	6.15	3.66	2.12	104000	26.7	6.48	0.083	13000	12.1	11.1
32352	A14-1018-041	GMI14-515	53500	3.26	<DL	308	0.382	<DL	53200	1.41	34	50.6	142	0.318	160	5.97	3.57	2.16	101000	27.5	6.32	0.091	13200	11.7	11.9
32353	A14-1018-042	GMI14-516	52700	5.79	<DL	339	0.416	<DL	51500	1.49	34.1	51.1	125	0.277	165	5.84	3.54	2.23	102000	29	6.23	0.089	12900	11.9	12.9
32354	A14-1018-043	GMI14-517	49800	3.93	<DL	356	0.451	<DL	45700	1.56	36.4	53.7	130	0.226	164	5.78	3.46	2.29	108000	30.1	6.69	0.087	11900	12.4	16.4
32355	A14-1018-044	GMI14-518	42500	2.13	<DL	144	0.834	<DL	36900	1.57	45.3	50.1	114	0.139	103	5.36	3.04	1.81	97700	20.8	6.89	0.099	4740	21.3	18.5
32356	A14-1018-045	GMI14-519	45800	2.53	<DL	29.4	1.07	<DL	12900	1.5	45.4	59.1	101	0.102	174	5.53	3.23	1.73	122000	18.9	6.99	0.106	1890	17.2	34.9
32357	A14-1018-046	GMI14-520	45800	2.92	<DL	26.8	0.841	<DL	16000	2.18	36.1	55.1	117	0.136	225	6.87	4.04	1.86	121000	18.1	7.42	0.125	1310	11.4	28.8
32358	A14-1018-047	GMI14-521	50200	0.867	<DL	506	0.755	<DL	41300	0.516	34.5	42.6	320	0.204	57.1	1.41	0.84	1.64	54400	30.9	2.75	<DL	9010	21.5	17.4
32359	A14-1018-048	GMI14-522	62600	1.02	<DL	397	0.456	<DL	57600	0.377	11.3	42.5	304	0.234	74.8	1.26	0.761	1.32	52700	27.3	1.51	<DL	8300	5.28	17.3
32360	A14-1018-049	GMI14-523	61900	0.859	<DL	359	0.145	<DL	61800	0.178	3.84	45.4	356	0.132	71.3	1.07	0.671	1.16	56000	25.9	0.985	<DL	8710	1.31	14.7
32361	A14-1018-050	GMI14-524	60500	0.903	<DL	1930	0.623	<DL	53600	0.354	11.2	41.2	292	0.211	120	1.04	0.692	4.7	51600	86	1.62	<DL	7590	6.08	16
32362	A14-1018-051	GMI14-525	47000	0.962	<DL	284	0.7	<DL	35700	0.329	19.5	47.2	321	0.204	65.3	1	0.621	1.03	58200	21.9	1.7	<DL	6880	12.5	27.4
32363	A14-1018-052	GMI14-526	46000	1.01	<DL	208	0.71	<DL	35400	0.289	8.85	52.8	362	0.138	98.1	1.15	0.667	0.843	64800	19.4	1.23	<DL	6440	4.91	38.2
32364	A14-1019-001	GMI14-527	62600	0.789	1.31	198	0.567	<DL	60300	0.576	7.81	50.8	319	0.424	93.1	1.82	1.16	0.861	71400	20.1	1.55	<DL	5810	4.94	34.7
32365	A14-1019-002	GMI14-528	56800	0.474	0.683	801	0.746	<DL	51500	0.279	5.76	50.3	313	0.395	96.4	1.33	0.869	1.91	68100	42.1	1.29	<DL	6650	3.56	38.9
32366	A14-1019-003	GMI14-529	52800	2.09	0.727	269	2.05	<DL	38900	1.57	25.9	49.7	100	0.264	162	5.09	3.09	1.76	102000	26.4	5.19	0.106	5440	12.3	30.6
32367	A14-1019-004	GMI14-530	50200	2.41	0.641	246	2.46	<DL	30100	2.61	20.8	50.4	132	0.278	107	4.11	2.54	1.43	101000	25.8	4.04	0.102	6820	9.7	42.7
32368	A14-1019-005	GMI14-531	52100	1.01	0.528	185	2.44	<DL	38100	0.651	12.8	48.5	244	0.227	61.5	2.07	1.31	0.982	84300	22.7	2.08	0.053	10600	9.42	56.7
32369	A14-1019-006	GMI14-532	55100	1.09	0.51	271	3	<DL	31600	0.46	18.6	45.5	265	0.251	40.6	1.93	1.25	1.13	79700	27.7	2.28	0.052	12500	13.9	86.2
32370	A14-1019-007	GMI14-533	55500	0.815	<DL	218	1.75	<DL	42400	0.588	12.8	47.9	292	0.144	80.7	1.72	1.16	0.93	76400	22.5	1.85	<DL	9210	7.92	30
32371	A14-1019-008	GMI14-534	60000	0.431	<DL	193	1.16	<DL	52200	0.58	17.5	44.6	285	0.147	92.1	1.86	1.2	1.04	71400	21.3	2.29	<DL	7470	10	26.9
32372	A14-1019-009	GMI14-535	60200	0.738	<DL	213	0.825	<DL	52400	0.479	9.71	51	321	0.148	93.6	1.83	1.18	0.939	80100	21.6	1.69	<DL	6310	5.89	55.5
32373	A14-1019-010	GMI14-536	60700	1.04	0.54	297	0.612	<DL	58400	1.01	18.3	54.6	155	0.346	157	3.56	2.29	1.47	95400	26.1	3.43	0.073	12500	9.03	24.5
32374	A14-1019-011	GMI14-537	58100	1.14	<DL	303	0.553	<DL	57700	1.02	18	55.8	145	0.264	162	3.61	2.29	1.52	96600	26.4	3.47	0.073	13000	8.62	21.3
32375	A14-1019-012	GMI14-538	58800	1.47	<DL	301	0.631	<DL	53400	1.2	19.8	50.8	183	0.362	129	4.12	2.59	1.64	96600	27.2	3.94	0.074	11100	9.16	25.4
32376	A14-1019-013	GMI14-539	60600	1.24	<DL	305	0.541	<DL	56800	1.07	19.5	54.9	133	0.353	167	3.82	2.42	1.58	96800	26.6	3.83	0.072	12800	9.25	22.3
32377	A14-1019-014	GMI14-540	62600	1.56	<DL	369	0.563	<DL	59900	1.22	20.1	54.8	132	0.429	158	3.96	2.48	1.69	99000	29.5	3.76	0.074	13700	9.59	25.7
32378	A14-1019-015	GMI14-541	63100	1.33	<DL	312	0.632	<DL	58500	1.24	22.6	55.9	132	0.435	170	4.37	2.81	1.7	103000	27.4	4.35	0.081	12900	10.5	23.2
32379	A14-1019-016	GMI14-542	63400	1.66	<DL	314	0.618	<DL	59600	1.22	22.9	56.2	118	0.43	178	4.57	2.83	1.71	104000	28.1	4.24	0.084	13000	10.6	22
32380	A14-1019-017	GMI14-543	60900	1.5	<DL	295	0.569	<DL	56300	1.17	20.6	56.3	137	0.324	170	3.98	2.62	1.59	100000	26.9	3.96	0.079	13600	9.73	21.6
32381	A14-1019-018	GMI14-544	60700	1.67	<DL	335	0.609	<DL	56800	1.13	21.5	54.7	123	0.356	175	4.17	2.54	1.7	99200	28.1	4.01	0.077	12600	10.2	21.4
32382	A14-1019-019	GMI14-545	57600	1.35	<DL	322	0.584	<DL	55800	1.13	21.1	56	132	0.265	175	3.98	2.57	1.66	102000	27.9	3.99	0.081	13700	9.77	18.9
32383	A14-1019-020	GMI14-546	55200	1.68	<DL	333	0.578	<DL	51700	1.06	20.4	53.6	119	0.244	167	3.87	2.44	1.65	96600	27.9	3.84	0.076	13800	9.49	18.6
32384	A14-1019-021	GMI14-547	53100	1.73	<DL	357	0.589	<DL	49000	1.2	20.9	52.2	110	0.253	172	3.82	2.49	1.74	95900	29	3.99	0.079	12300	9.86	21
32385	A14-1019-022	GMI14-548	57300	1.66	<DL	364	0.599	<DL	53900	1.17	21.4	54.9	112	0.265	175	4.07	2.6	1.78	97600	29.7	4.07	0.087	14600	10.2	17.4
32386	A14-1019-023	GMI14-549	56600	1.85	<DL	470	0.568	<DL	53800	1.17	21	53.4	117	0.355	178	4	2.48	1.97	98000	33.6	3.92	0.082	14500	9.84	18.7
32387	A14-1019-024	GMI14-550	54600	2.02	<DL	453	0.552	<DL	52800	1.07	20.9	52.3	112	0.32	179	3.92	2.46	1.95	95500	33.2	3.98	0.083	14100	9.78	18.4
32388	A14-1019-025	GMI14-551	56700	1.52	<DL	334	2.04	<DL	33300	1.65	83.5	34.8	106	0.179	141	2.75	1.71	1.84	62200	30.7	6.13	0.054	8470	66	22.3
32389	A14-1019-026	GMI14-552	57300	0.502	0.633	547	2.1	<DL	27300	1.34	76.1	26.9	132	0.122	66.2	2.25	1.3	2.6	43600	39.2	7.22	<DL	11500	35.9	14.2
32390	A14-1019-027	GMI14-553	70200	<DL	0.507	655	2.22	<DL	15100	1.77	94.6	10.4	75.8	0.15	160	2.04	1.11	2.99	18500	45.5	8.23	<DL	23700	44.9	2.77
32391	A14-1019-028	GMI14-554	47000	0.898	<DL	143	2.83	<DL	24400	0.998	44.4	37.3	208	<DL	21.3	1.96	1.15	1.21	51900	23	4.28	<DL	6920	24.8	14.7
32392	A14-1019-029	GMI14-555	67000	0.866	<DL	372	2.83	<DL	17200	1.9	82.4	13.1	124	0.072	16.9	2.48	1.39	1.99	27700	31.6	6.8	<DL	23700	49.7	7.31
32393	A14-1019-030	GMI14-556	55600	0.775	<DL	323	2.13	<DL	31100	1.02	28.8	27.2	216	0.135	57.2	1.64	1.06	1.28	45600	27	2.81	<DL	9910	17.6	15.5
32394	A14-1019-031	GMI14-557	59300	0.793	<DL	310	1.39	<DL	50700	0.422	11.4	41.4	262	0.154	65.9	1.44	0.951	1.1	66600	27.1	1.68	0.055	11300	8.15	29.9
32395	A14-1019-032	GMI14-558	67600	0.925</																					

0.491	19400	1400	<DL	14500	7.92	20	68.4	927	3.62	7.77	0.145	37.4	0.117	<DL	34.6	<DL	5.3	1.35	242	<DL	1.11	1.78	9030	0.241	0.433	322	<DL	28.4	3.39	125
0.537	19500	1390	<DL	16000	8.37	21.6	65.3	1010	3.8	8.22	0.207	38	0.12	<DL	35.2	1.02	5.86	1.38	240	<DL	1.21	1.99	8800	0.233	0.496	302	<DL	31.2	3.68	127
0.4	21900	1450	<DL	14700	6.61	16.7	87	843	4.06	6.85	0.163	36.8	0.117	<DL	37	1.02	4.51	1.22	241	<DL	0.957	1.48	9680	0.235	0.384	430	0.905	23.7	2.91	129
0.459	17300	1380	<DL	14400	7.8	19.5	66.1	942	3.34	7.65	0.154	36.7	0.12	<DL	31.9	0.993	5.3	1.39	250	<DL	1.09	1.71	9010	0.243	0.462	324	<DL	26.8	3.21	129
0.339	19900	1470	<DL	13700	5.99	14.1	95.4	716	3.74	5.91	0.136	28.6	0.11	<DL	29.8	0.702	3.78	0.993	226	<DL	0.795	1.12	6700	0.247	0.304	264	<DL	17.8	2.3	121
0.472	20400	1370	<DL	15400	7.47	19.4	69	931	4	8.08	0.152	43.7	0.122	<DL	35.5	1.29	5.27	1.34	262	<DL	1.1	1.76	9050	0.272	0.413	349	<DL	27.7	3.29	129
0.467	20400	1330	<DL	15200	7.08	19	66.6	890	3.67	8.03	0.15	45.2	0.134	<DL	35.1	1.25	5.05	1.19	264	<DL	1.06	1.66	8830	0.267	0.401	344	<DL	27.2	3.19	123
0.446	19300	1440	<DL	15500	7.4	18.7	66.2	926	3.92	7.72	0.152	39.8	0.123	<DL	33.8	<DL	5.08	1.31	253	<DL	1.05	1.61	8990	0.261	0.401	347	<DL	26.4	3.18	128
0.43	18500	1680	<DL	14900	7.77	20	67.6	950	11.6	6.68	0.126	31	0.106	0.164	31	0.762	5.12	1.38	211	<DL	1.07	1.57	9420	0.224	0.431	361	<DL	23.9	3.01	150
0.35	18300	1450	<DL	18300	7.6	21.2	63.4	945	37.9	4.59	0.175	10.9	0.052	<DL	23.6	0.677	5.2	1.35	104	<DL	1.03	1.32	9120	0.094	0.415	342	<DL	20	2.6	187
0.369	19700	1250	<DL	11900	7.93	23.5	66.6	974	40.6	3.25	0.161	2.55	<DL	<DL	21.5	1.94	5.69	1.36	30.5	<DL	1.06	1.27	9530	<DL	0.466	373	<DL	18.4	2.67	241
0.48	19500	1180	<DL	14300	9.54	21.6	63.6	1180	21.9	4.35	0.186	2.69	<DL	0.106	29.7	1.89	6.09	1.68	28.3	<DL	1.27	1.65	11500	<DL	0.561	399	0.835	25.2	3.22	235
0.112	18600	744	<DL	16400	3.55	8.79	184	257	7.95	5.87	<DL	20	0.183	0.384	14.8	<DL	1.7	<DL	338	<DL	0.292	2.63	3220	0.191	1.04	181	<DL	5.77	0.739	90.4
0.098	14800	703	<DL	12300	2.28	4.47	187	231	6.74	4.88	<DL	17.7	0.136	<DL	15	<DL	1.18	<DL	279	<DL	0.227	2.68	3130	0.197	1.58	171	<DL	5.32	0.66	76.6
0.092	13900	710	<DL	8180	1.2	2.59	201	215	3.94	3.41	<DL	13	0.096	<DL	14.8	<DL	0.908	<DL	187	<DL	0.178	<DL	3240	0.187	0.203	174	<DL	4.51	0.616	71.3
0.095	13100	661	<DL	12800	3.34	3.85	179	193	16.3	3.86	<DL	16.9	0.117	<DL	14	<DL	1.17	<DL	215	<DL	0.2	2.31	3060	0.189	1.7	168	<DL	4.74	0.657	170
0.077	19700	842	4.16	9770	1.57	5.24	200	209	5.25	4.03	<DL	11.8	0.122	<DL	14.3	<DL	1.04	<DL	233	<DL	0.21	<DL	3260	0.161	0.668	185	<DL	4.14	0.543	102
0.081	23200	931	6.06	7030	1.82	3.54	225	248	4.17	2.96	<DL	6.95	0.089	0.414	14.8	<DL	1.01	<DL	158	<DL	0.204	<DL	3600	0.116	0.733	200	<DL	4.26	0.605	110
0.174	32300	974	25.8	12400	4.85	4.29	200	<DL	3.56	3.79	0.067	18	0.107	<DL	23.2	<DL	1.19	<DL	197	7.9	0.306	1.26	3860	0.207	0.366	208	2.38	8.7	1.09	76.5
0.142	32400	945	3.09	12200	2.05	3.18	199	<DL	3.51	3.79	<DL	18	0.115	<DL	20.9	<DL	0.954	<DL	213	<DL	0.234	<DL	3470	0.229	0.612	197	1.74	6.44	0.785	108
0.409	22500	1500	<DL	19100	7.04	15.5	65.7	549	18.3	5.25	0.147	18.4	0.084	<DL	27.7	<DL	4.15	1.39	138	<DL	0.898	1.66	8250	0.171	0.551	317	1.51	22.5	2.65	162
0.354	29400	1530	207	17300	6.28	12.1	71.5	430	99.2	4.37	0.121	16.5	0.073	0.227	27.3	1.27	3.23	1.77	119	<DL	0.723	1.48	7260	0.181	0.645	309	1.58	18.8	2.26	199
0.197	36300	1270	21.1	13100	2.79	6.28	113	29.5	35.9	8.31	0.072	13.6	0.26	<DL	27	<DL	1.51	<DL	511	<DL	0.363	<DL	4550	0.182	0.555	264	1.29	10.2	1.24	160
0.183	41800	1250	4.87	9890	3.44	6.66	114	<DL	6.47	8.86	0.071	15.3	0.281	<DL	27.8	0.762	1.54	<DL	545	<DL	0.343	2.54	4580	0.233	2.99	262	1.16	9.43	1.18	182
0.167	29700	1080	4.99	23700	4.13	5.47	131	6.48	7.2	6.99	0.059	15.6	0.22	<DL	26.5	<DL	1.33	<DL	419	<DL	0.312	2.86	4470	0.179	1.42	255	0.957	8.25	1.03	118
0.181	29800	1020	<DL	25900	2.94	8.06	124	63.1	11	6.98	0.061	15.5	0.209	<DL	26.2	<DL	1.75	<DL	393	<DL	0.361	1.45	4020	0.164	0.931	242	0.931	9.25	1.12	95.6
0.182	32400	1050	3.4	16100	2.14	4.82	143	27.8	6.25	6.79	0.054	12	0.207	<DL	30.5	<DL	1.25	1.03	392	<DL	0.309	0.782	4510	0.141	0.578	264	0.954	8.85	1.08	104
0.333	31800	1280	<DL	13300	4.6	10.6	103	410	3.31	6.21	0.112	38.5	0.13	<DL	34.2	0.697	2.72	0.754	243	<DL	0.617	1.73	6250	0.255	0.519	292	0.802	18.8	2.11	108
0.319	29300	1320	<DL	12300	4.57	10.3	102	397	3.1	6.03	0.107	33.7	0.127	<DL	32.8	<DL	2.66	0.773	234	<DL	0.616	1.66	6320	0.278	0.507	296	<DL	17.1	2.03	106
0.372	26600	1390	<DL	16100	5.27	11.9	82.1	410	3.41	6.19	0.099	33.7	0.132	<DL	32	<DL	3.14	0.834	226	<DL	0.715	1.36	5730	0.274	0.399	246	<DL	20	2.38	111
0.365	31700	1310	<DL	13500	4.75	11.1	95.9	427	2.91	6.65	0.095	43.7	0.148	0.103	35.2	0.758	2.97	0.842	254	<DL	0.673	1.83	6390	0.312	0.523	303	<DL	19.2	2.26	108
0.358	31300	1300	<DL	14400	5.06	11.4	96	459	3.51	7.16	0.127	47.9	0.155	<DL	34.9	1.12	2.96	0.968	285	<DL	0.698	1.95	6780	0.312	0.537	313	<DL	20.5	2.29	113
0.396	31500	1360	<DL	14800	5.5	12.5	95.2	533	3.51	7.38	0.124	47.7	0.15	0.115	37.2	<DL	3.41	0.957	263	<DL	0.747	2.16	7150	0.3	0.577	319	<DL	22.6	2.57	119
0.417	30900	1390	<DL	14600	5.54	12.8	90.9	510	3.34	7.23	0.131	48.6	0.151	0.613	37.7	2.29	3.29	0.952	259	<DL	0.767	2.18	7250	0.343	0.584	330	<DL	22.7	2.62	119
0.368	29900	1330	<DL	13600	5.24	11.6	97.9	497	3.11	6.83	0.097	43	0.142	0.117	35.4	0.688	2.92	0.913	253	<DL	0.683	1.92	6910	0.294	0.557	312	<DL	19.9	2.37	112
0.385	30600	1310	<DL	13400	5.24	12.3	91.4	491	3.39	6.86	0.127	42.5	0.138	<DL	35.5	0.673	3.17	1.27	247	<DL	0.704	1.92	6850	0.295	0.538	312	<DL	21	2.48	112
0.343	28200	1350	<DL	12200	5.33	12.1	96.1	489	4.28	6.49	0.111	37.5	0.13	<DL	33.2	<DL	3.06	1	229	<DL	0.696	1.85	6980	0.27	0.544	313	<DL	19.7	2.35	114
0.312	24400	1260	<DL	13300	5.05	11.7	91.3	443	3.46	6.63	0.119	35.2	0.151	<DL	29.6	<DL	3.01	0.872	271	<DL	0.678	1.77	6780	0.301	0.524	302	<DL	17.6	2.19	112
0.325	23600	1310	<DL	16500	5.3	11.8	84.2	485	4.2	7.7	0.111	36	0.194	0.436	29.6	1.62	3.05	0.962	333	<DL	0.704	1.73	6880	0.307	0.557	304	<DL	17.5	2.16	116
0.342	25000	1320	<DL	13600	5.27	12.1	108	490	3.4	6.98	0.139	40.2	0.154	0.522	32.2	<DL	3.06	0.998	271	<DL	0.723	1.82	6780	0.324	0.54	311	<DL	19.1	2.32	114
0.335	25800	1350	<DL	12900	5.29	11.7	85.8	487	3.83	7.1	0.115	41.9	0.152	0.352	32	<DL	3.06	1.5	280	<DL	0.681	1.79	6850	0.318	0.545	310	<DL	19	2.2	120
0.345	25100	1310	<DL	12600	5.13	11.7	82.3	460	3.8	7.22	0.129	40.9	0.156	<DL	31.5	0.685	3.04	1.58	272	<DL	0.684	1.79	6640	0.351	0.519	304	<DL	18.8	2.39	119
0.226	16300	965	5.18	28300	6.16	22.9	61.5	384	25.5	5.73	0.176	21.7	0.143	0.304	17.5	<DL	3.81	0.79	260	<DL	0.674	5.4	4400	0.214	3.06	208	<DL	12.5	1.46	105
0.122	14100	632	7.04	38100	6.13	36.9	64.9	1050	19.9	6.14	0.139	21.9	0.193	0.123	13	<DL	6.21	0.959	339	<DL	0.718	3.67	3500	0.247	1.84	159	1.0			

32406	A14-1019-043	GMI14-569	66400	0.736	<DL	664	1.69	<DL	46900	0.912	12.6	34.7	213	0.306	73.3	1.46	0.892	1.87	53900	42	1.72	<DL	9490	7.29	26.9
32407	A14-1019-044	GMI14-570	66000	0.785	<DL	926	1.55	<DL	49400	0.456	7.77	37.9	227	0.499	83.4	1.58	1.09	2.47	59200	51.1	1.69	<DL	13800	4.7	23.7
32408	A14-1019-045	GMI14-571	59300	0.83	<DL	356	1.45	<DL	47000	1.09	22.6	41.8	242	0.21	90.7	2.01	1.27	1.41	66900	28.5	2.61	<DL	7740	17.7	21.1

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32336	A14-1018-025	GMI14-499	48800	1.49	<DL	135	0.62	<DL	45800	1.37	32.2	50.8	177	0.232	130	5.48	3.31	1.76	104000	20.6	5.82	0.097	5970	12	15.8
		GMI14-499 DUP	43200	1.37	<DL	125	0.586	<DL	41200	1.26	29.9	47.2	163	0.175	121	5.04	2.94	1.6	95400	19	5.29	0.09	5480	10.9	14
32363	A14-1018-052	GMI14-526	46000	1.01	<DL	208	0.71	<DL	35400	0.289	8.85	52.8	362	0.138	98.1	1.15	0.667	0.843	64800	19.4	1.23	<DL	6440	4.91	38.2
		GMI14-526 DUP	47700	0.808	<DL	204	0.677	<DL	36300	0.292	8.94	51.3	343	0.188	95.5	1.15	0.696	0.845	62500	18.8	1.28	<DL	6330	4.99	37.9
32388	A14-1019-025	GMI14-551	56700	1.52	<DL	334	2.04	<DL	33300	1.65	83.5	34.8	106	0.179	141	2.75	1.71	1.84	62200	30.7	6.13	0.054	8470	66	22.3
		GMI14-551 DUP	55900	1.73	<DL	336	2.12	<DL	33400	1.71	83.2	35.7	108	0.14	144	2.73	1.68	1.87	63200	31.3	6.25	<DL	8620	65	21.5
32408	A14-1019-045	GMI14-571	59300	0.83	<DL	356	1.45	<DL	47000	1.09	22.6	41.8	242	0.21	90.7	2.01	1.27	1.41	66900	28.5	2.61	<DL	7740	17.7	21.1
		GMI14-571 DUP	56800	0.82	<DL	345	1.4	<DL	44900	0.981	22.3	39.6	233	0.224	86.3	1.92	1.3	1.32	64000	27.3	2.34	<DL	7410	17.2	20.2

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02		
		Certified Values:		2200	3.3							20500			249600				14800								
		CRM PTM-1a #1		2030	2.25							18500			200000				14300								
		CRM PTM-1a #2		2210	3.13							20100			222000				15100								
		CRM PTM-1a #3		2090	2.51							18200			195000				14000								
		CRM PTM-1a #4		2110	1.57							17600			190000				13300								
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2			6000	17		
		CRM SU-1b #1	42000	2.97		342	0.35	2.34	22700	3.38	36.5	615	323	0.25	9760	1.52	0.804	1.4	244000	19.6	3.54			6790	15.4		
		CRM SU-1b #2	39900	3.76		351	0.286	1.82	22900	3.29	41	637	333	0.266	10300	1.6	0.84	1.58	247000	21.1	3.91			6960	15.8		
		CRM SU-1b #3	41000	4.9		323	0.492	2.38	20800	3.38	30.3	568	299	0.248	8880	1.36	0.756	1.35	236000	21.4	3.14			5900	15		
		CRM SU-1b #4	42400	4.32		333	0.495	2.34	21000	3.72	31	572	319	0.271	8970	1.45	0.792	1.48	235000	22.4	3.29			6070	15.6		
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30			1.6	4600	10	10	
		CRM RTS-3a #1	50900	18.5		112		28.1	22700	9.31		151	191	0.389	2080				203000	41.8			1.61	5290	7.25	10.5	
		CRM RTS-3a #2	48000	21.8		113		34.2	22500	9.75		155	194	0.412	2150				203000	42.1			1.6	5310	7.43	8.43	
		CRM RTS-3a #3	51400	17.9		109		30.1	21000	9.76		139	176	0.393	1880				195000	41.7			1.62	4490	7.01	13.6	
		CRM RTS-3a #4	51000	17.3		108		32.2	20800	9.85		138	172	0.407	1860				192000	41.8			1.6	4460	7.37	13	
		Certified Values:																									
		CRM SY-4 #1																									
		CRM SY-4 #2																									
		CRM SY-4 #3																									
		CRM SY-4 #4																									
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9			1.5	40000					18000	52	25
		CRM LKSD-3 #1	58600	22.8		623	0.929		17000	1.85	104	32.4	77.5	2.2	38.5	4.97			2.83	39900					19600	44.8	16.4
		CRM LKSD-3 #2	58400	22.4		632	0.855		16900	1.7	110	32.8	76.8	2.41	39.1	5			2.95	39100					19600	45.1	14.9
		CRM LKSD-3 #3	65900	20.3		637	1.55		16500	2.01	90	31.1	74.1	2.36	38.1	4.99			2.8	39700					18700	47.7	26.1
		CRM LKSD-3 #4	60200	18.8		583	1.42		14600	1.88	83.1	28.3	66.1	2.18	35.4	4.5			2.61	35600					17000	43.8	23.3





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		11	8.4		9.64	10.1		10.9	10.7			11		10.5	10.4	10.4		10.6	10.5	10.8		10.8	9.98
		Spike #4		9.77	7.44		5.67	9.36		8.94	11.8			9.48		10.1	9.94	10.7		9	11.2	8.93		9.27	5.51
		Spike #7		8.94	8.3		8.89	9.48		8.95	9.27			9.26		9.47	9.38	9.32		9.3	9.62	9.13		9.1	8.96
		Spike #10		9.74	7.73		9.07	9.56		8.84	9.58			9.48		9.4	9.32	9.4		9	9.88	9.24		9.24	8.76
		Actual Spike Values:					100					100	100		100										
		Spike #2					108					113	112		107										
		Spike #5					93.5					104	103		101										
		Spike #8					108					114	113		106										
		Spike #11					76.7					79.1	78		75.3										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	9780						9690										9820				9840		
		Spike #6	8650						9350										9840				9960		
		Spike #9	10700						10300										10900				10700		
		Spike #12	9660						9100										9110				9330		



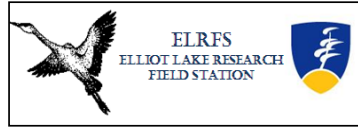
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-012

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0  
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**Batch: 14-1053 (52) & 14-1056 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Oct 10 - Nov 18, 2014 / Troy Maki  
Submission Date: 2014 11 26

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			1	2	5	2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
32409	A14-1053-001	GMI14-572	70100	1.79	2.14	470	0.908	<DL	57600	1.34	21.9	52.2	227	0.585	158	4.03	2.55	1.93	99700	28.9	3.98	0.145	10100	9.36	41.8
32410	A14-1053-002	GMI14-573	68000	1.08	0.901	532	0.61	<DL	59100	1.21	21.6	54.1	197	0.473	165	4.11	2.45	2.02	103000	29.4	4.03	0.119	13400	8.66	34.7
32411	A14-1053-003	GMI14-574	71200	1.44	0.555	529	0.612	<DL	67600	1.28	23.3	55.2	198	0.415	174	4.47	2.81	2.18	108000	29.7	4.3	0.104	14600	8.85	28.6
32412	A14-1053-004	GMI14-575	72000	1.12	<DL	513	0.543	<DL	64500	1.17	22.6	53.8	212	0.387	171	4.35	2.75	2.2	104000	29.3	4.18	0.073	14500	8.7	28.4
32413	A14-1053-005	GMI14-576	67600	0.318	<DL	298	0.585	<DL	65600	1.96	24.8	53.3	175	0.403	190	4.57	2.9	1.89	106000	24.3	4.64	0.072	8570	9.47	31.1
32414	A14-1053-006	GMI14-577	71300	0.882	<DL	391	0.653	<DL	64000	1.61	27.3	55.3	171	0.405	176	5.04	3.19	2.2	111000	26.7	5	0.09	11100	9.98	28.3
32415	A14-1053-007	GMI14-578	73100	1.25	<DL	371	0.66	<DL	69900	1.51	29.9	55.6	152	0.46	188	5.58	3.57	2.23	115000	27.3	5.37	0.068	11200	10.2	24.3
32416	A14-1053-008	GMI14-579	66700	0.316	<DL	320	0.556	<DL	63200	1.18	25.4	52.5	155	0.362	175	4.67	2.83	1.87	105000	24.2	4.65	0.052	10800	8.61	26.7
32417	A14-1053-009	GMI14-580	67700	<DL	<DL	370	0.56	<DL	63600	1.2	25.6	54	170	0.319	172	4.7	2.86	2.07	105000	25.7	4.69	0.071	12100	8.69	24.5
32418	A14-1053-010	GMI14-581	72500	0.494	<DL	441	0.595	<DL	66700	1.24	24.8	56.8	196	0.297	181	4.68	2.85	2.24	108000	28.4	4.68	0.058	14700	8.32	23.3
32419	A14-1053-011	GMI14-582	74100	<DL	<DL	410	0.545	<DL	70000	1.19	23.5	56.1	206	0.388	170	4.52	2.91	2.14	105000	26.7	4.25	0.058	14400	7.79	25.5
32420	A14-1053-012	GMI14-583	73600	<DL	<DL	390	0.485	<DL	70600	1.08	23.6	57.8	217	0.332	172	4.12	2.55	2.04	106000	26.3	4.36	<DL	14000	7.81	24.8
32421	A14-1053-013	GMI14-584	69800	0.351	<DL	344	0.502	<DL	64800	1.16	22.7	55.6	209	0.245	168	3.95	2.5	1.98	102000	24.3	3.92	0.051	13500	7.38	24.4
32422	A14-1053-014	GMI14-585	70400	<DL	<DL	327	0.54	<DL	64800	1.01	24	52.7	179	0.297	161	4.19	2.51	1.87	99900	24.2	4.12	<DL	13600	7.53	26.1
32423	A14-1053-015	GMI14-586	73800	0.257	<DL	364	0.616	<DL	67300	1.31	29.7	58.1	155	0.309	192	5.21	3.17	2.31	116000	27.1	5.2	0.073	14400	9.31	24.7
32424	A14-1053-016	GMI14-587	65700	0.582	<DL	179	0.638	<DL	59500	1.39	30.5	54.4	139	0.276	166	5.17	3.01	1.78	106000	20.8	5.28	0.063	7410	9.25	27.2
32425	A14-1053-017	GMI14-588	69500	1.24	<DL	317	0.723	<DL	62900	1.5	31.2	54.8	198	0.362	152	5.01	3.09	2.2	109000	25.6	5.06	0.052	13600	9.02	28.3
32426	A14-1053-018	GMI14-589	69400	<DL	<DL	234	0.5	<DL	61200	1.16	25.1	55	155	0.259	183	4.16	2.36	1.81	102000	21.9	4.12	0.055	9810	7.14	34.1
32427	A14-1053-019	GMI14-590	65600	0.481	<DL	155	0.551	<DL	61300	1.24	25.9	53.8	137	0.277	160	3.87	2.32	1.55	98400	18.7	4.2	<DL	6990	7.23	33.7
32428	A14-1053-020	GMI14-591	62000	<DL	<DL	106	0.512	<DL	72200	1.17	26	53.8	163	0.195	177	4.13	2.33	1.65	102000	18.4	4.05	<DL	4560	7.23	31.2
32429	A14-1053-021	GMI14-592	69800	0.834	7.69	500	1.35	0.645	25800	1.36	38.8	26	233	0.321	57.5	2.5	1.86	2.36	68800	29.2	5.32	<DL	9790	11.4	9.51
32430	A14-1053-022	GMI14-593	65200	<DL	<DL	168	0.73	<DL	51900	1.52	34.8	46.4	161	0.32	156	6.01	3.32	2.05	98500	20.3	5.8	0.068	6990	10	23.3
32431	A14-1053-023	GMI14-594	67300	<DL	<DL	250	0.572	<DL	58800	1.36	30.2	53.5	151	0.29	167	4.83	3.04	2.02	104000	22.6	4.89	0.053	9790	8.73	29.2
32432	A14-1053-024	GMI14-595	67300	<DL	<DL	178	0.459	<DL	59100	1.28	24.6	54.4	157	0.251	159	4.16	2.36	1.61	98700	19.4	3.99	<DL	7380	7.03	33.9
32433	A14-1053-025	GMI14-596	78200	<DL	<DL	152	0.657	<DL	72000	1.4	32.8	53.7	133	0.36	215	5.26	3.23	1.91	107000	21.2	5.53	0.068	6760	9.79	33.2
32434	A14-1053-026	GMI14-597	64600	<DL	0.604	150	0.579	<DL	59300	1.27	29.4	54.1	163	0.237	172	4.67	2.61	1.86	99600	18.6	4.79	0.065	6110	7.7	33.3
32435	A14-1053-027	GMI14-598	63400	0.857	<DL	133	0.478	<DL	66200	2.15	26.5	52.1	159	0.245	162	4.23	2.52	1.9	98400	18.8	4.3	0.057	5530	7.08	33.4
32436	A14-1053-028	GMI14-599	68800	0.313	<DL	216	0.5	<DL	65000	2.07	26.1	53.2	175	0.275	166	3.92	2.64	1.95	96300	21	4.53	0.052	9020	6.66	35.5
32437	A14-1053-029	GMI14-600	67800	0.79	<DL	280	0.485	<DL	59900	1.48	29	53.2	174	0.29	166	4.67	2.55	2.22	97000	21.9	4.75	0.06	11700	7.36	35.6
32438	A14-1053-030	GMI14-601	71000	1.28	<DL	307	0.452	<DL	65000	1.14	27.7	54.6	178	0.266	171	4.47	2.72	2.3	102000	22.9	4.51	0.051	13000	7.05	33.8
32439	A14-1053-031	GMI14-602	65200	1.3	<DL	194	0.5	<DL	63600	1.3	28.1	55.3	178	0.204	170	4.48	2.73	1.94	100000	19.5	4.47	<DL	8280	7.18	37.2
32440	A14-1053-032	GMI14-603	65400	0.96	<DL	185	0.511	<DL	60200	1.34	30.5	53.6	166	0.297	150	4.74	2.84	1.94	98600	19.2	4.76	<DL	7830	7.68	33.7
32441	A14-1053-033	GMI14-604	73400	0.695	<DL	346	0.639	<DL	59200	1.84	36.7	53.5	156	0.276	167	5.8	3.32	2.89	105000	25.3	6.26	0.073	13900	9.56	29.7
32442	A14-1053-034	GMI14-605	66500	1.43	<DL	264	0.636	<DL	67000	1.49	34.2	63.7	180	0.587	213	5.63	3.56	2.52	122000	22.8	5.61	0.072	9730	8.81	29.5

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.335	32000	1360	3.03	21600	9.04	13	99.2	323	6.57	6.39	<DL	27.8	0.128	0.17	40.2	<DL	3.61	1.4	243	13.4	0.721	2.61	6420	0.241	0.574	285	2.3	18.1	2.24	135	
0.346	30700	1420	<DL	19200	5.84	12.9	99	333	2.97	6.71	<DL	34.4	0.128	0.125	38.1	<DL	3.2	1.02	249	3.8	0.693	1.51	6410	0.222	0.391	281	1.39	17.4	2.24	124	
0.364	31900	1420	<DL	19400	5.93	14.3	94	358	2.79	7.38	<DL	39.6	0.146	0.076	41.6	<DL	3.7	1.05	268	2.36	0.808	1.5	6770	0.235	0.322	302	1.13	19.4	2.3	124	
0.368	31900	1400	<DL	18800	5.55	13.4	92.5	350	2.66	7.02	<DL	40.7	0.151	0.207	41.1	<DL	3.72	1	254	<DL	0.76	1.43	6590	0.244	0.292	298	0.934	19.3	2.2	122	
0.395	30000	1430	<DL	22800	5.93	14.8	90	433	6.48	7.51	<DL	23.3	0.148	0.077	37.8	<DL	3.96	1.03	288	<DL	0.829	1.51	7210	0.15	0.36	301	1.13	19.3	2.39	178	
0.393	31200	1450	<DL	23800	6.54	16.3	88.9	516	3.24	8.99	<DL	28.9	0.192	0.186	39.5	<DL	4.4	1.01	346	<DL	0.949	1.71	7860	0.185	0.453	328	0.81	21.6	2.71	129	
0.453	31400	1470	<DL	20400	6.52	17.5	83.8	499	2.68	7.98	<DL	32.4	0.137	0.842	43.6	2.67	4.73	1.11	249	<DL	0.966	1.69	7870	0.208	0.307	334	<DL	24.2	2.84	127	
0.363	28200	1390	<DL	21900	5.6	15.4	85.5	423	2.3	7.67	<DL	28.7	0.161	0.136	37.4	2.12	4	0.94	290	<DL	0.863	1.32	6960	0.146	0.308	300	<DL	18.7	2.37	109	
0.357	30100	1390	<DL	18600	5.74	15	92	444	2.28	6.82	<DL	30.6	0.127	<DL	38.3	1.84	4.01	0.956	221	<DL	0.832	1.43	7080	0.189	0.263	302	<DL	19	2.44	121	
0.339	31400	1410	<DL	17000	5.42	14.7	102	410	2.55	7.07	<DL	34.6	0.124	<DL	37.3	2.37	4.09	0.898	228	<DL	0.829	1.32	6790	0.24	0.334	298	<DL	18.3	2.22	125	
0.33	36800	1400	<DL	16900	5.03	14.3	106	372	2.43	7.18	<DL	42.4	0.134	<DL	40.8	2.36	3.55	0.887	223	<DL	0.786	1.44	6530	0.269	0.426	295	0.846	19.2	2.31	118	
0.376	36000	1410	<DL	16200	5	13.7	113	387	2.27	6.54	<DL	36.4	0.12	<DL	39.7	2.43	3.69	0.816	205	<DL	0.764	1.25	6350	0.244	0.272	292	0.819	17.9	2.12	118	
0.282	32500	1340	<DL	15800	4.76	13.3	109	377	2.31	6.01	<DL	30.4	0.114	<DL	36.2	2.76	3.42	0.873	200	<DL	0.724	1.15	6210	0.208	0.265	278	<DL	16.6	2.09	116	
0.306	31000	1290	<DL	17100	4.93	14.4	100	371	2.23	6.44	0.05	32.6	0.121	<DL	35.3	1.1	3.79	0.791	210	<DL	0.766	1.39	6270	0.183	0.339	276	<DL	16.6	2.13	110	
0.389	31600	1490	<DL	18500	6.17	17.7	95.1	499	2.55	7.32	0.07	36.8	0.124	0.075	41.8	1.27	4.86	1.01	217	<DL	0.924	1.39	7950	0.253	0.336	346	<DL	21	2.47	133	
0.37	27600	1370	<DL	25300	6.19	18.4	89.8	496	3.26	7.08	<DL	18.9	0.12	0.425	34.6	2.66	4.59	1.04	208	<DL	0.922	1.72	7620	0.108	0.446	313	<DL	19.2	2.51	125	
0.37	30800	1520	<DL	19400	6.11	17.7	96.6	516	3.32	7.33	<DL	33	0.125	0.135	36.3	2.08	5	0.962	226	<DL	0.903	1.41	6920	0.188	0.336	276	<DL	19.6	2.56	123	
0.297	28000	1350	<DL	22200	4.69	14.6	102	376	2.22	7.2	<DL	23.3	0.165	0.247	33.9	<DL	3.82	0.813	273	<DL	0.671	1.09	6460	0.134	0.265	309	<DL	14.8	2.02	109	
0.299	27700	1340	<DL	23900	4.74	14.7	102	377	3.47	7.95	<DL	18.2	0.187	0.43	31.1	<DL	3.82	0.776	325	<DL	0.709	1.25	6120	0.087	0.372	278	<DL	14.3	1.91	114	
0.288	26100	1390	<DL	20800	4.95	15.6	107	384	2.19	8.37	<DL	10.6	0.201	<DL	29.6	0.772	3.83	0.903	340	<DL	0.79	0.957	6360	<DL	0.283	272	<DL	14.4	1.79	98.6	
0.17	17800	565	7.27	47300	4.54	24.2	84.3	735	12	6.4	<DL	21.9	0.195	0.783	16.4	1.71	4.23	0.719	289	<DL	0.525	2.56	3070	0.086	0.844	138	23.7	9.46	1.1	83.1	
0.42	25900	1270	<DL	26400	6.36	20.8	84.7	582	2.37	11.9	<DL	24.2	0.304	0.112	32.7	<DL	5.39	1.16	464	<DL	1.05	1.68	7730	0.108	0.432	301	0.851	21.2	2.52	108	
0.377	28200	1410	<DL	23100	5.67	17.4	97.9	500	2.49	8.92	<DL	26.1	0.185	0.096	33.7	<DL	4.52	1.04	308	<DL	0.935	1.37	7110	0.187	0.294	298	<DL	18.3	2.58	118	
0.302	28300	1320	<DL	22800	4.74	14.6	104	429	3.61	7.31	<DL	18.7	0.154	<DL	30.7	<DL	3.68	0.849	271	<DL	0.797	1.12	6100	0.1	0.269	264	<DL	14.7	1.86	110	
0.416	28600	1370	<DL	27000	6.14	19.8	91.2	646	5.96	9.8	<DL	21.6	0.198	0.088	35.5	<DL	4.67	1.05	340	<DL	0.943	1.51	7020	0.105	0.354	296	<DL	20.6	2.75	102	
0.289	26700	1270	<DL	22600	6.98	17.2	106	540	2.81	8.42	<DL	16.4	0.205	<DL	29.6	<DL	4.3	1.01	296	3.32	0.883	1.33	6390	0.108	0.283	294	<DL	15.2	2.28	98.6	
0.302	27500	1290	<DL	21200	4.59	16.2	107	481	9.01	7.56	<DL	14.7	0.159	<DL	30.4	1.54	3.93	0.892	261	<DL	0.791	1.03	5960	<DL	0.149	294	<DL	13.9	1.99	186	
0.313	29600	1330	<DL	20500	4.42	15.2	111	507	10	7.41	<DL	23.9	0.171	0.072	31.3	<DL	3.97	0.911	247	<DL	0.804	1.12	5600	0.164	0.329	278	<DL	14.2	1.82	158	
0.325	31200	1320	<DL	19600	4.86	16.7	108	545	2.67	7.18	<DL	32.2	0.151	<DL	33.7	<DL	4.23	0.79	219	<DL	0.845	1.21	5840	0.204	0.286	261	<DL	15.9	2.1	106	
0.328	31700	1350	<DL	18700	4.45	16.7	109	556	2.7	7.58	<DL	34.9	0.159	<DL	36.2	1.76	4.5	0.975	238	<DL	0.873	1.22	6160	0.248	0.353	298	<DL	15.8	2.27	106	
0.307	30100	1340	<DL	21200	4.47	16.6	108	594	3.16	7.37	<DL	21.1	0.15	0.087	30.7	<DL	4.52	0.881	223	<DL	0.818	1.13	5920	0.09	0.288	265	<DL	14.4	1.94	101	
0.358	28600	1280	<DL	22900	4.96	18.4	103	577	2.45	8.04	<DL	21.6	0.173	0.121	29	<DL	4.64	0.876	248	<DL	0.894	1.1	6090	0.103	0.247	253	<DL	15.5	2.44	98.4	
0.443	28200	1310	<DL	20800	5.96	22.1	96.8	710	2.5	9.4	0.081	40.8	0.161	0.105	33.8	<DL	5.3	1.1	241	<DL	1.07	1.6	6820	0.234	0.315	279	<DL	20.3	2.8	114	
0.457	38100	1500	<DL	19300	5.67	20.6	107	657	2.64	9.26	0.066	38.9	0.141	0.087	44.3	<DL	5.33	1.09	205	<DL	1.09	1.46	7950	0.211	0.365	383	<DL	22.3	2.92	126	

32443	A14-1053-035	GMI14-606	68000	0.604	<DL	273	0.525	<DL	61400	1.41	31.4	59.8	164	0.308	194	4.67	2.92	2.34	111000	22.9	5.12	0.076	11100	7.95	31.5
32444	A14-1053-036	GMI14-607	64600	0.256	<DL	249	0.678	<DL	55500	1.74	36.2	56.8	150	0.278	187	5.27	3.31	2.27	108000	21.7	5.86	0.061	9670	9.48	31.3
32445	A14-1053-037	GMI14-608	64800	0.901	<DL	84.7	0.765	<DL	54100	2.44	51	55.3	79.9	0.316	189	7.88	4.44	2.59	115000	20.8	8.06	0.093	3070	12.9	30.1
32446	A14-1053-038	GMI14-609	67700	<DL	<DL	137	0.682	<DL	58700	1.68	38.6	53.6	92.9	0.298	182	5.68	3.28	2.2	110000	20.9	6.15	0.08	5170	9.81	28.9
32447	A14-1053-039	GMI14-610	74000	<DL	<DL	195	0.644	<DL	57700	1.97	41.5	52.9	73.6	0.401	190	6.31	3.66	2.52	112000	22.3	6.66	0.073	7490	10.5	29.7
32448	A14-1053-040	GMI14-611	71200	0.769	<DL	145	0.824	<DL	56800	2.2	47.4	51.7	83.1	0.299	179	6.65	3.98	2.51	107000	20.4	7.49	<DL	5540	12	28.6
32449	A14-1053-041	GMI14-612	81000	0.909	<DL	294	0.784	<DL	54500	2.01	49	52.3	78.8	0.409	168	7.3	4.18	3.04	112000	26.5	7.52	0.083	11200	12.3	30
32450	A14-1053-042	GMI14-613	64700	0.648	<DL	325	0.622	<DL	57100	1.77	37.9	53.2	188	0.272	149	5.88	3.41	2.88	105000	24.3	6.01	0.055	12400	9.24	30.2
32451	A14-1053-043	GMI14-614	68600	<DL	<DL	126	0.755	<DL	60800	2.08	47	52.6	75.4	0.281	169	6.73	4.09	2.48	111000	20.1	6.85	0.064	4710	11.6	25.6
32452	A14-1053-044	GMI14-615	70800	0.934	<DL	258	0.769	<DL	53100	1.96	46.4	53.9	82.4	0.287	183	6.34	3.83	2.67	113000	23.8	7.44	0.062	9690	11.7	25.2
32453	A14-1053-045	GMI14-616	73300	0.64	<DL	261	0.844	<DL	59200	2	45.8	53.9	89.1	0.492	181	6.45	4.35	3.08	114000	24.1	7.15	0.07	9630	11.5	27.9
32454	A14-1053-046	GMI14-617	74400	<DL	<DL	332	0.85	<DL	55600	2.23	48.6	52.9	98	0.5	191	7.3	4.23	3.05	112000	25.7	7.7	0.069	11900	12.2	27.2
32455	A14-1053-047	GMI14-618	72100	<DL	<DL	309	0.831	<DL	59100	2.13	50.8	55.5	105	0.303	168	7.1	4.4	3.07	114000	25.3	7.68	0.102	10500	12.7	27.2
32456	A14-1053-048	GMI14-619	75000	<DL	<DL	286	0.953	<DL	58000	2.02	44.3	54.7	106	0.377	174	5.21	3.22	2.86	115000	23.9	6.7	0.066	10200	11.8	27.4
32457	A14-1053-049	GMI14-620	71400	0.483	<DL	356	1.01	<DL	54400	2.13	47.4	54.7	111	0.234	166	6.13	3.48	3.32	115000	25.9	6.8	0.066	11900	12.1	25.7
32458	A14-1053-050	GMI14-621	68300	0.588	<DL	286	1.07	<DL	57000	2.34	50.9	53.1	105	0.21	165	7.37	4.26	3.18	118000	24.5	7.89	0.086	9320	12.7	23.2
32459	A14-1053-051	GMI14-622	69700	0.548	<DL	283	0.832	<DL	58300	2.2	45.5	53.8	94.6	0.29	182	6.66	4.13	3.06	118000	23.9	7.1	0.074	10500	11.5	24.5
32460	A14-1053-052	GMI14-623	77400	1.37	<DL	297	0.798	<DL	64100	2.38	47.7	57.6	94.4	0.386	204	6.86	4.19	3.06	126000	25.7	7.15	0.068	11200	12.3	28.1
32703	A14-1056-001	GMI14-624	63300	2.28	2.37	162	1.11	<DL	65300	0.922	11.6	53.6	329	0.297	98.1	2.05	1.3	0.797	77800	18	1.86	<DL	8640	8.57	22
32704	A14-1056-002	GMI14-625	60300	1.94	1.68	244	1.97	<DL	59700	0.571	16.8	50.8	307	0.304	97.8	1.79	1.49	0.857	74800	20.9	1.98	<DL	9750	11.9	27.3
32705	A14-1056-003	GMI14-626	62300	0.69	0.923	235	1.15	<DL	57000	0.836	12.7	47.8	289	0.181	125	1.8	1.38	1.03	71200	21	1.81	<DL	9400	7.37	21.8
32706	A14-1056-004	GMI14-627	60500	1.3	0.64	130	2.99	<DL	50500	1.83	25.2	47.2	280	0.142	106	1.74	1.18	0.791	67700	19.7	2.18	<DL	7520	17.5	27.6
32707	A14-1056-005	GMI14-628	55500	2.82	0.734	135	2.27	<DL	46800	1.92	18.8	45.8	266	0.15	98.6	1.58	0.938	0.706	67700	18	1.68	<DL	7660	12.7	27.6
32708	A14-1056-006	GMI14-629	61900	0.967	<DL	127	1	<DL	57500	1.42	12	49.1	284	0.309	144	1.62	0.924	0.606	72900	18.2	1.79	<DL	8090	9.12	23
32709	A14-1056-007	GMI14-630	59500	3.19	<DL	152	1.93	<DL	47000	0.938	14.3	54.1	305	0.466	178	1.64	1.09	0.814	77000	19.4	1.89	<DL	8420	11.2	65.9
32710	A14-1056-008	GMI14-631	62700	1.89	<DL	190	1.68	<DL	55300	0.753	10.6	50.9	298	0.325	132	1.75	1.25	0.769	76900	19.3	1.46	<DL	9550	7.65	35.3
32711	A14-1056-009	GMI14-632	73000	1.41	<DL	291	0.55	<DL	64000	0.546	5.02	56.2	334	0.445	107	1.78	1.34	0.899	84500	22.6	1.55	<DL	14000	2.61	31.5
32712	A14-1056-010	GMI14-633	72700	1.27	0.684	215	2.59	<DL	46300	3.11	21.2	46.5	268	0.432	145	1.59	1.17	0.859	69000	22.1	2.08	<DL	14400	16.4	40.5
32713	A14-1056-011	GMI14-634	72500	3	<DL	252	2.12	<DL	62000	0.823	10.7	54.5	313	0.664	121	1.87	1.65	0.917	82700	21.4	1.62	0.103	10500	7.05	41.1
32714	A14-1056-012	GMI14-635	69600	1.48	0.519	190	1.55	<DL	63000	1.87	15.1	52.7	315	0.514	105	1.79	1.4	0.853	81300	20.3	1.94	<DL	8830	10.8	35.9
32715	A14-1056-013	GMI14-636	75100	2.85	<DL	469	1.61	<DL	56400	0.948	18.5	42.5	253	0.59	111	1.9	1.09	1.49	66600	28.8	2.24	0.084	18700	11.5	30.6
32716	A14-1056-014	GMI14-637	66900	4.17	<DL	563	0.745	<DL	61200	1.87	20.9	61.8	165	0.481	213	3.78	2.2	2.21	98800	31.6	3.6	0.064	15700	10.4	32.8
32717	A14-1056-015	GMI14-638	65300	5.89	<DL	697	0.576	<DL	54500	1.43	18.5	58.6	140	0.754	202	3.2	2.25	2.07	94600	33.6	3.24	0.26	17100	8.89	37.8
32718	A14-1056-016	GMI14-639	60800	4.56	<DL	385	0.944	<DL	52100	1.51	17.7	57.9	136	0.391	180	3.34	2.01	1.68	92400	25.9	2.74	0.194	11000	8.56	34.9
32719	A14-1056-017	GMI14-640	56300	6.2	<DL	197	1.28	<DL	46500	2.1	18.1	58.9	127	0.185	161	2.82	1.85	1.39	91100	21.5	3.26	0.095	6420	8.67	34.5
32720	A14-1056-018	GMI14-641	63800	4.52	<DL	256	0.736	<DL	56500	1.82	19.7	58.6	119	0.383	229	3.29	2.11	1.55	96500	22.8	3.61	0.094	9340	9.67	34.4
32721	A14-1056-019	GMI14-642	64200	4.73	<DL	362	0.677	<DL	61100	1.96	21.2	59.4	129	0.35	210	3.87	2.39	1.72	99800	25.3	3.85	0.075	14100	10.1	25.1
32722	A14-1056-020	GMI14-643	63900	5.48	<DL	293	0.722	<DL	64700	1.55	22.8	64.8	160	0.364	190	4.15	2.68	1.55	105000	23.5	4.39	0.088	13300	11	23.7
32723	A14-1056-021	GMI14-644	60300	3.56	<DL	321	0.776	<DL	56800	1.69	24.7	59.3	142	0.246	169	3.97	2.95	1.82	100000	24.1	4.23	0.062	14200	12	25.5
32724	A14-1056-022	GMI14-645	63900	5.1	<DL	294	0.801	<DL	62000	2.35	26.2	62.1	158	0.323	189	4.45	3.28	1.98	105000	24.3	4.72	0.097	12500	13	24.6
32725	A14-1056-023	GMI14-646	78900	17.2	<DL	507	1.22	<DL	21500	3.92	45.7	50.6	237	0.12	475	3.65	2.39	2.26	78700	33.3	6.45	0.097	10200	21.1	29
32726	A14-1056-024	GMI14-647	71200	3.22	<DL	293	0.866	<DL	64600	1.92	22.5	62.6	158	0.434	196	3.94	2.61	1.47	104000	24.8	3.88	0.073	13400	11	26.4
32727	A14-1056-025	GMI14-648	70200	2.17	<DL	283	0.673	<DL	64900	1.87	20.8	61.4	161	0.37	195	3.62	2.88	1.53	101000	23.5	3.59	0.088	13800	10.3	25.6
32728	A14-1056-026	GMI14-649	67500	1.67	0.989	269	0.707	<DL	65500	1.95	21.3	64.1	160	0.226	199	3.73	2.28	1.55	104000	22.4	3.93	0.05	13600	10.1	24.8
32729	A14-1056-027	GMI14-650	68600	4.05	<DL	274	0.959	<DL	68100	1.68	22.7	67	166	0.261	213	3.67	2.13	1.65	111000	23.9	4.2	0.097	14300	10.1	24.8
32730	A14-1056-028	GMI14-651	63800	<DL	<DL	260	0.932	<DL	64800	1.58	20.6	64.2	158	0.196	207	4.03	2.15	1.41	104000	22.9	3.24	0.067	13100	10.3	24.8
32731	A14-1056-029	GMI14-652	71600	2.8	0.544	271	0.966	<DL	68400	1.85	22.3	64.7	163	0.361	207	3.72	2.48	1.58	107000	23.5	4.28	0.119	13500	10.8	28.6
32732	A14-1056-030	GMI14-653	70600	3.39	<DL	266	0.951	<DL	65600	1.99	21.9	64.2	160	0.229	205	3.83	2.43	1.69	106000	23	4.37	0.071	14900	10.1	24
32733	A14-1056-031	GMI14-654	66200	2.54	<DL	257	0.707	<DL	62700	2.1	20.7	62.4	160	0.192	200	3.76	2.17	1.49	102000	22.5	3.91	0.086	14500	9.31	22.2
32734	A14-1056-032	GMI14-655	66600	2.55	<																				

0.368	32800	1430	<DL	19300	4.96	19	102	572	2.57	7.83	<DL	32.7	0.142	<DL	37.9	<DL	4.81	0.984	204	<DL	0.883	1.19	6990	0.193	0.242	340	<DL	17.9	2.36	117
0.408	26400	1400	<DL	21300	5.73	21.4	96	678	2.47	8.21	<DL	26.5	0.155	<DL	32.4	<DL	5.76	1.07	223	<DL	0.981	1.33	6930	0.125	0.293	296	<DL	18.6	2.46	120
0.519	22800	1340	<DL	26700	8.03	28.9	72.4	941	2.62	9.96	0.058	10.2	0.122	0.134	32.4	1.02	7.44	1.3	191	<DL	1.43	1.75	8960	0.061	0.396	322	<DL	24.7	3.62	128
0.441	22100	1330	<DL	24600	6.02	22.2	82.9	725	2.54	8.26	<DL	15.3	0.177	0.104	30.9	<DL	5.69	1.07	217	<DL	1.07	1.32	8050	0.11	0.362	349	<DL	18.2	2.49	122
0.485	23700	1380	<DL	27100	6.65	24.1	74.8	774	2.82	10.6	<DL	25	0.201	<DL	33.4	<DL	6.31	1.35	291	<DL	1.15	1.46	8180	0.107	0.315	362	<DL	22	2.95	110
0.529	22000	1360	<DL	28200	7.23	28.3	76.3	836	3.33	10.5	0.067	17.4	0.207	0.077	30.8	<DL	6.72	1.26	245	<DL	1.25	1.55	7750	0.094	0.383	300	<DL	23.3	3.35	119
0.451	23800	1460	<DL	28300	7.67	28.6	70.7	864	3.14	12.3	<DL	40	0.225	0.13	34.7	<DL	7.21	1.27	282	<DL	1.36	1.88	7540	0.157	0.451	271	<DL	25.7	3.28	125
0.458	27400	1480	<DL	17500	5.83	22.1	96.9	732	3.29	8.78	0.151	29.3	0.179	<DL	31.6	<DL	5.45	1.14	217	<DL	1.07	1.17	6550	0.214	0.287	259	<DL	18.3	3.02	123
0.492	19900	1430	<DL	26500	7.24	27.7	77.7	848	3.71	10.7	0.105	14.3	0.232	0.094	29.2	<DL	6.93	1.25	267	<DL	1.18	1.6	7910	0.097	0.51	291	<DL	21.6	3.35	126
0.504	22000	1500	<DL	24400	7.38	27.8	78.8	886	2.81	9.98	0.082	28.9	0.175	0.085	30.5	<DL	6.4	1.36	247	<DL	1.33	1.85	7620	0.218	0.331	307	<DL	21.5	3.26	125
0.478	26100	1540	<DL	21000	7.35	26.4	81.9	860	3.16	10.3	0.054	31.8	0.181	0.129	33.6	0.872	7	1.34	227	<DL	1.23	1.73	7850	0.181	0.229	309	0.82	24.4	3.53	126
0.54	25900	1540	<DL	20500	7.4	28.5	80.4	891	3.41	11.3	<DL	40.7	0.15	0.089	34.2	<DL	6.86	1.37	227	<DL	1.24	1.94	7240	0.197	0.479	266	<DL	25.9	3.77	131
0.502	24900	1610	<DL	21100	7.85	28	84.5	981	3.19	11.4	0.122	32.8	0.173	0.174	32.9	<DL	7.21	1.28	237	<DL	1.37	2.07	7180	0.153	0.463	258	1.03	25.3	3.92	130
0.445	25000	1530	<DL	23700	6.95	23.5	83	995	5.07	10.1	<DL	34.9	0.175	0.091	31.9	<DL	6.08	0.832	233	<DL	1.09	3.1	6900	0.251	1.04	235	<DL	20	2.62	132
0.431	22900	1540	<DL	20100	7.31	26	85.5	949	4.77	10.1	0.229	35.2	0.178	0.111	31.8	<DL	6.75	1.09	224	<DL	1.13	2.43	6860	0.175	0.6	249	<DL	20.8	3.19	148
0.45	22300	1580	<DL	21200	7.7	28.4	84.4	969	3.64	10.9	<DL	26.5	0.18	0.093	30.7	<DL	7.83	1.24	248	<DL	1.45	1.81	7410	0.092	0.62	282	<DL	23.6	3.71	131
0.481	24000	1510	<DL	18100	7.15	26.2	84.7	876	3.25	10.8	<DL	30.5	0.169	0.135	33	<DL	6.46	1.24	204	<DL	1.17	1.53	7490	0.188	0.413	329	<DL	22.6	3.38	128
0.553	26500	1590	<DL	19600	7.49	27.5	87.2	894	3.64	10.9	<DL	32.6	0.17	0.193	35.4	<DL	6.9	1.24	220	<DL	1.27	2.01	8230	0.216	0.599	372	<DL	24.3	3.45	133
0.211	35600	1300	7.29	17600	5.82	5.16	162	<DL	35.6	5.01	0.086	27.6	0.143	0.082	33.2	4.14	1.37	<DL	204	11.4	0.355	1.54	5430	0.336	0.839	298	1.6	10.3	1.07	145
0.176	33000	1340	5.7	19200	5.43	6.4	151	<DL	20	5.34	0.127	25	0.158	0.113	29	2.83	1.55	<DL	204	3.3	0.282	4.27	5070	0.284	2.31	275	1.27	9.77	1.28	118
0.171	28200	1180	9.19	21600	5.86	6.04	142	<DL	24.9	5.25	<DL	23.6	0.198	<DL	27.6	<DL	1.48	0.762	214	<DL	0.267	4.61	4760	0.172	2.88	265	<DL	9.63	1.15	107
0.182	25400	1180	5.08	23700	5.56	8.49	134	<DL	18.8	4.57	<DL	17.2	0.166	0.12	23.9	<DL	1.6	<DL	204	<DL	0.29	11.6	4750	0.176	4.41	255	1.12	8.29	1.18	113
0.153	27300	1260	<DL	21400	4.53	5.96	134	<DL	13	3.73	<DL	17.1	0.142	0.094	22.9	0.673	1.43	<DL	153	<DL	0.211	12.8	4610	0.192	4.19	249	<DL	7.62	1.07	126
0.202	32300	1240	4.38	19400	3.35	4.67	141	<DL	9.92	4.32	<DL	19.5	0.135	<DL	28.5	1.46	1.13	<DL	160	<DL	0.276	8.32	4930	0.183	2.39	269	0.961	8.79	0.92	85.2
0.177	39200	1460	4.13	18700	3.76	5.65	147	<DL	6.55	5.5	0.133	22.9	0.146	<DL	31.1	4.91	1.23	<DL	234	<DL	0.295	3.87	5410	0.252	1.44	298	0.837	8.83	0.936	128
0.184	34500	1340	3.46	19600	2.38	4.79	146	<DL	12.9	5.39	<DL	25.1	0.182	<DL	31.1	<DL	1.33	<DL	223	<DL	0.285	2.27	5270	0.242	1.1	294	0.81	9.22	0.924	105
0.226	44100	1520	7.05	15400	1.96	3.52	160	<DL	2.23	5.02	0.1	43	0.109	<DL	38.2	<DL	1.06	<DL	173	<DL	0.212	<DL	5800	0.316	0.251	323	<DL	10.6	0.928	96.3
0.256	32300	1350	4.11	28100	5.89	5.9	128	<DL	24.3	4.4	<DL	40.2	0.117	0.081	27.6	<DL	1.24	<DL	164	<DL	0.229	26	4870	0.237	7.37	265	1.99	9.58	1.17	131
0.191	44200	1470	4.68	21600	4.46	4.86	155	<DL	9.13	5.77	0.09	36.5	0.217	<DL	38.7	5.62	1.53	<DL	194	<DL	0.299	5.66	5460	0.341	3.06	314	<DL	11.5	1.23	124
0.204	39200	1380	6.4	19900	4.13	5.65	154	<DL	7.02	5.64	<DL	29.1	0.157	0.083	35.5	<DL	1.4	<DL	197	<DL	0.363	12.6	5400	0.176	3.69	309	<DL	11.2	1.25	113
0.206	34000	1090	5.47	23600	3.42	7.72	123	<DL	6.28	6.18	0.093	50.6	0.216	<DL	30.4	4.34	1.76	<DL	246	<DL	0.314	4.17	4390	0.221	1.19	256	1.13	9.96	1.27	89.2
0.345	33100	1830	<DL	20000	5.32	11.6	125	403	6.1	10.7	0.102	45.3	0.311	0.222	37.4	1.59	2.76	1.05	411	<DL	0.705	1.91	7860	0.217	0.542	347	<DL	18.6	1.82	137
0.263	34300	2040	<DL	19000	4.84	10.8	114	293	3.49	10	<DL	57.1	0.307	0.339	38.6	<DL	2.86	0.984	347	<DL	0.606	1.66	7460	0.407	0.466	346	<DL	17.8	2.03	152
0.294	31100	2050	<DL	21900	4.67	10.4	114	304	10.7	7.72	0.097	33.5	0.234	0.233	33.8	<DL	2.35	1.15	252	<DL	0.508	1.69	7270	0.16	0.42	328	<DL	15.8	1.81	140
0.256	30200	1980	<DL	25100	4.75	10.2	109	315	22.1	6.08	0.098	19.8	0.159	0.15	30.2	<DL	2.47	0.835	181	<DL	0.53	1.32	7380	0.242	0.437	340	<DL	14.5	1.72	251
0.25	31300	1900	<DL	22600	5.22	11.1	110	407	22.2	8.35	0.152	30.9	0.231	0.132	34.6	<DL	2.83	0.943	287	<DL	0.572	1.84	7820	0.205	0.458	352	<DL	17.6	1.96	144
0.268	30800	1750	<DL	16400	5.24	12.9	114	439	5.51	8.94	0.1	40.1	0.268	0.185	37.9	<DL	2.88	0.772	300	<DL	0.655	1.95	8140	0.39	0.444	361	<DL	19.5	2.44	128
0.436	34500	1730	<DL	14400	5.84	12.9	126	518	3.81	9.09	<DL	37.1	0.195	0.1	39.2	2.05	3.02	1.16	258	<DL	0.648	2.48	8080	0.178	0.481	333	<DL	20.9	2.05	129
0.345	27400	1620	<DL	16700	6.33	13.9	114	574	3.69	9.13	0.207	32.2	0.223	0.179	33.2	<DL	2.98	1.07	266	<DL	0.771	2.4	8110	0.274	0.479	294	<DL	19.6	2.34	123
0.438	29300	1640	<DL	16200	6.72	15.3	124	659	3.6	9.94	0.224	32.9	0.201	0.152	37.2	0.957	3.67	1.27	266	<DL	0.801	2.6	8910	0.314	0.551	341	<DL	23.1	2.98	132
0.246	18900	1180	<DL	19100	7.78	28.2	57.5	810	4.97	6.59	0.108	20.3	0.133	0.356	19.2	3.78	5.38	1.32	147	<DL	0.83	3.6	5190	0.121	0.857	131	1.09	17	1.79	111
0.394	34600	1670	<DL	15900	6.2	12.8	122	638	3.97	10.2	0.11	38.6	0.251	<DL	39.1	<DL	3.64	1.37	258	<DL	0.822	2.06	8310	0.234	0.434	351	<DL	22.1	2.44	134
0.357	36400	1640	<DL	14600	5.19	13	125	545	2.86	9.76	0.108	40.6	0.177	<DL	40	<DL	3.23	1.03	240	<DL	0.751	2.04	7840	0.235	0.551	338	<DL	21	2.34	127
0.357	32500	1680	<DL	14600	7.46	11.4	145	666	3.49	8.91	<DL	29.2	0.252	0.185	35.8	<DL	2.97	0.9	239	2.8	0.603	2.18	8260	0.229	0.154	343	0.904	18.8		

32745	A14-1056-043	GMI14-666	67600	1.49	<DL	183	3.87	<DL	26000	2.35	32.1	53	162	0.22	102	2.63	1.66	1.32	92100	23.1	3.62	0.125	7770	16.6	89.2
32746	A14-1056-044	GMI14-667	61800	1.34	<DL	103	4.73	<DL	26000	1.19	45.7	49.5	295	0.217	61.7	2.1	1.31	1.16	82200	20.1	2.76	0.069	7660	30.4	74.2
32747	A14-1056-045	GMI14-668	64300	3.31	<DL	220	5.17	0.378	24100	2.24	31.4	49.3	250	0.094	1810	1.8	1.32	1.25	71600	23.2	2.25	0.062	22500	17.4	73.8
32748	A14-1056-046	GMI14-669	70800	2.15	<DL	126	4.97	<DL	28000	1.7	26.9	36.5	268	0.141	334	1.92	1.04	0.761	60100	19.2	2.95	<DL	14300	13	40.7
32749	A14-1056-047	GMI14-670	82500	0.976	<DL	243	3.09	<DL	34400	2.46	29.3	39.5	267	0.203	97.7	1.68	1.15	1.27	59300	21.9	2.75	<DL	18400	13.3	28.5
32750	A14-1056-048	GMI14-671	94000	16.2	<DL	463	1.54	<DL	23000	4.73	49	51.5	253	0.187	494	3.73	2.06	2.11	84800	32.2	6.14	0.093	11600	18.9	36.1
32751	A14-1056-049	GMI14-672	77200	1.52	<DL	173	3.38	<DL	36500	1.69	31.5	42.3	284	0.209	63.2	1.67	1.06	1.14	68900	21.3	2.93	<DL	13000	17.6	42.2
32752	A14-1056-050	GMI14-673	81100	2.85	<DL	148	3.08	<DL	51500	1.75	23	47.5	334	0.214	73	1.56	1.09	0.884	73200	21.1	2.28	0.057	10700	13.8	38.6
32753	A14-1056-051	GMI14-674	88700	1.4	<DL	296	3.18	<DL	55400	1.46	22.2	48.3	318	0.245	71.9	1.96	1.05	1.33	79000	25.2	2.03	<DL	16500	10.5	46.1

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32433	A14-1053-025	GMI14-596	78200	<DL	<DL	152	0.657	<DL	72000	1.4	32.8	53.7	133	0.36	215	5.26	3.23	1.91	107000	21.2	5.53	0.068	6760	9.79	33.2
		GMI14-596 DUP	72000	<DL	<DL	149	0.608	<DL	69100	1.32	32.2	52.2	128	0.3	203	4.99	3.02	1.91	104000	20.6	5.33	0.054	6590	9.34	30.4
32460	A14-1053-052	GMI14-623	77400	1.37	<DL	297	0.798	<DL	64100	2.38	47.7	57.6	94.4	0.386	204	6.86	4.19	3.06	126000	25.7	7.15	0.068	11200	12.3	28.1
		GMI14-623 DUP	80000	0.209	<DL	286	0.818	<DL	62700	2.08	48.4	55.8	91.5	0.437	204	6.68	4.42	2.95	119000	24.7	7.5	0.079	11000	11.7	28.4
32727	A14-1056-025	GMI14-648	70200	2.17	<DL	283	0.673	<DL	64900	1.87	20.8	61.4	161	0.37	195	3.62	2.88	1.53	101000	23.5	3.59	0.088	13800	10.3	25.6
		GMI14-648 DUP	63000	1.48	<DL	278	0.799	<DL	60100	1.57	20.1	61.5	161	0.172	194	3.5	2.56	1.34	99600	23	3.68	0.065	13800	9.62	21.9
32753	A14-1056-051	GMI14-674	88700	1.4	<DL	296	3.18	<DL	55400	1.46	22.2	48.3	318	0.245	71.9	1.96	1.05	1.33	79000	25.2	2.03	<DL	16500	10.5	46.1
		GMI14-674 DUP	86200	0.567	<DL	289	2.96	<DL	52300	1.68	21.2	46.6	307	0.349	71.6	1.64	1.03	1.41	77200	25.1	2.52	0.059	16000	10.3	44.2

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2320	3.9							19100			219000				15600						
		CRM PTM-1a #2		2330	4.06							19500			223000				15700						
		CRM PTM-1a #3		2880	4.21							21400			244000				13800						
		CRM PTM-1a #4		3240	2.39							23700			265000				15300						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	51100	11.4		351	0.518	2.43	25200	3.68	51.4	642	339	0.296	10200	1.9	0.98	2.08	240000	19.7	4.72		6940	15.8	
		CRM SU-1b #2	53600	8.17		339	0.602	2.58	24800	4.01	63.7	638	338	0.275	10100	2.06	1.34	2.48	240000	18.9	5.47		6930	15.6	
		CRM SU-1b #3	51800	10.7		354	0.664	2.6	25200	4	33	687	366	0.246	11000	1.64	1.02	1.38	205000	20.1	2.95		7040	16.9	
		CRM SU-1b #4	61800	9.8		339	0.925	2.35	28600	4.34	37.8	761	409	0.305	12100	1.74	0.933	1.68	243000	20.1	3.23		8560	15.4	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	59800	21.2		110		26.8	24400	10.4		144	183	0.436	2140				195000	42.7		1.65	5010	7.13	16.2
		CRM RTS-3a #2	62700	22.6		108		29.8	23600	9.5		141	181	0.376	2100				192000	42		1.69	4980	6.79	19.3
		CRM RTS-3a #3	61800	28		113		26.9	25000	11.5		160	202	0.4	2310				169000	47.3		1.68	5340	7.81	19.8
		CRM RTS-3a #4	75400	28		110		25.2	28500	11.9		176	231	0.393	2510				210000	48.3		1.7	6660	7.12	25.2
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	73200	23.5		644	1.59		19000	2.26	142	31	73.2	2.42	43.8	6.52		3.99	46000				20600	45.8	31
		CRM LKSD-3 #2	79300	21.5		612	1.89		18400	2.2	161	31.1	74.5	2.25	44.2	6.86		4.42	46400				20700	43.8	36.1
		CRM LKSD-3 #3	77200	30		653	2.36		19700	2.14	89.4	35	81.1	2.37	49.4	4.68		3.11	40200				21500	48.9	36.6
		CRM LKSD-3 #4	90400	34.1		614	2.86		21200	3.29	91.4	38.1	87.9	2.02	53.1	4.8		3	44300				24600	43.9	44.6





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.56	11.7		10.2	9.71		10.2	9.77			10.3		9.6	9.71	9.9		10	9.69	10.3		10	9.9
		Spike #4		9.62	9.32		10.3	9.55		10.1	16.5			10.2		13.8	13.2	15.7		9.92	14.8	10.4		9.53	10.8
		Spike #7		13.3	11		9.95	9.81		10.2	10.5			10.2		10.5	10.5	10.6		10.4	10.5	10.1		10.4	9.99
		Spike #10		14.4	9.38		14.3	9.52		10.6	9.98			10.1		9.26	9.95	10		10.3	9.78	10.1		9.86	13.4
		Actual Spike Values:				100						100	100		100										
		Spike #2				99.9						97	97.4		96.9										
		Spike #5				83						81.6	80.9		82.9										
		Spike #8				82.6						83.8	84.1		83.6										
		Spike #11				84.3						91.1	93.2		91.9										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10500						10200										11700				10500		
		Spike #6	11800						11000										12900				11200		
		Spike #9	10400						10200										10500				10400		
		Spike #12	12800						11600										11900				11900		



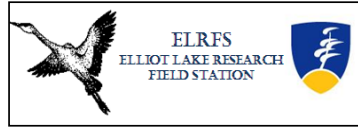
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-013

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
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**Batch: 14-1054 (40) & 14-1055 (52)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples: 40 + 52  
Dates Analysed/ Analyst: Oct 10 - Nov 20, 2014 / Troy Maki  
Submission Date: 2014 11 26

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.4	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32461	A14-1054-001	GMI14-675	61700	1.16	1.31	307	0.638	<DL	56900	1.12	28.9	53	118	0.36	176	5.05	3	1.81	104000	25.3	5.06	0.07	10300	11.6	17.8
32462	A14-1054-002	GMI14-676	64400	1.13	0.568	283	0.65	<DL	58800	1.21	29.7	51.8	102	0.278	172	5.3	3.45	1.86	106000	25.4	5.26	0.073	10200	11.7	19.4
32463	A14-1054-003	GMI14-677	74900	1.27	<DL	313	0.631	<DL	65500	1.24	30.4	53.1	106	0.373	176	5.52	3.34	1.95	108000	27.4	5.49	0.072	12900	11.9	18.5
32464	A14-1054-004	GMI14-678	64500	1.44	<DL	290	0.521	<DL	59800	1.09	26.6	52.9	123	0.282	173	4.82	2.93	1.77	103000	24.9	4.81	0.069	11900	9.92	14.6
32465	A14-1054-005	GMI14-679	58600	1.32	<DL	238	0.453	<DL	58000	1.08	27.3	55.2	146	0.263	179	4.72	2.92	1.68	102000	22.9	4.96	0.064	9800	9.75	16.5
32466	A14-1054-006	GMI14-680	50300	1.47	<DL	191	0.418	<DL	52700	1.27	24.1	54.3	156	0.197	166	4.2	2.51	1.5	94700	19.8	4.4	0.057	8000	8.27	15.9
32467	A14-1054-007	GMI14-681	51100	1.57	<DL	211	0.385	<DL	54300	0.943	23.8	57.7	178	0.19	192	4.01	2.4	1.56	97400	21.1	4.25	0.059	9170	7.83	17.7
32468	A14-1054-008	GMI14-682	50100	1.46	<DL	252	0.321	<DL	54800	0.819	21.4	55.5	189	0.155	173	3.62	2.21	1.55	92600	21.5	3.8	0.053	10800	6.93	14.8
32469	A14-1054-009	GMI14-683	47300	1.25	<DL	159	0.325	<DL	58800	1.17	22.3	54.2	166	0.122	181	3.68	2.11	1.43	91300	19	3.87	0.052	7340	7.11	16.9
32470	A14-1054-010	GMI14-684	51600	1.57	<DL	227	0.345	<DL	54100	0.892	23.2	53.9	159	0.145	175	3.94	2.24	1.6	91500	21.4	4.06	<DL	10400	7.08	17
32471	A14-1054-011	GMI14-685	47900	1.2	<DL	120	0.35	<DL	55600	0.845	23.4	53.6	166	0.162	183	3.72	2.28	1.33	91100	17.6	4.13	0.053	5730	7.5	18
32472	A14-1054-012	GMI14-686	52900	1.46	<DL	158	0.35	<DL	44600	0.975	25.5	55.5	152	0.196	176	4.31	2.48	1.48	95100	19.1	4.45	0.066	7760	7.72	19.9
32473	A14-1054-013	GMI14-687	52900	1.63	<DL	110	0.427	<DL	62300	1.39	27.1	55.1	182	0.145	176	4.31	2.58	1.55	95700	19.8	4.76	0.062	5200	8.32	18.4
32474	A14-1054-014	GMI14-688	45600	1.31	<DL	63.1	0.383	<DL	50200	1.13	27.7	60.9	221	0.099	153	4.22	2.37	1.29	99100	16	4.47	0.066	2830	8	21
32475	A14-1054-015	GMI14-689	59000	1.9	<DL	441	0.408	<DL	54900	1.13	32.2	50	130	0.276	183	4.91	2.89	2.31	91600	29.3	5.28	0.058	15200	9.56	12.1
32476	A14-1054-016	GMI14-690	48200	1.96	<DL	215	0.315	<DL	51700	0.869	24.5	55	206	0.146	164	3.9	2.16	1.53	90100	20.5	4.09	<DL	9570	6.93	16.7
32477	A14-1054-017	GMI14-691	49900	1.8	<DL	288	0.281	<DL	53300	0.815	21.6	53.3	206	0.174	167	3.57	2.14	1.68	85700	22.5	3.65	<DL	12500	6.21	17.6
32478	A14-1054-018	GMI14-692	46200	1.31	<DL	169	0.367	<DL	47900	1.09	29.5	50	146	0.162	156	4.74	2.73	1.7	90300	19.4	5.14	0.066	6710	8.23	13.9
32479	A14-1054-019	GMI14-693	49200	1.68	<DL	225	0.319	<DL	52000	1.02	26.8	52.6	179	0.209	166	4.28	2.39	1.68	88500	21.5	4.39	0.053	10100	7.04	16.2
32480	A14-1054-020	GMI14-694	49300	1.39	<DL	309	0.326	<DL	49300	0.855	24.5	55.3	205	0.143	170	3.81	2.22	1.86	90700	23.8	4.17	<DL	13200	6.66	15.8
32481	A14-1054-021	GMI14-695	50300	2.4	<DL	330	0.3	<DL	50700	0.906	25	55.2	205	0.169	172	4.04	2.4	1.95	89800	24.7	4.21	0.054	13800	6.77	15.8
32482	A14-1054-022	GMI14-696	48800	1.8	<DL	383	0.323	<DL	47600	0.973	26.3	54.1	201	0.198	164	4.04	2.34	2.16	88900	26.2	4.46	0.054	11600	7.12	16.4
32483	A14-1054-023	GMI14-697	45300	1.36	<DL	278	0.508	<DL	46300	0.947	27.2	53	176	0.156	165	4.01	2.17	1.95	86800	21.7	4.62	0.052	5890	7.19	20
32484	A14-1054-024	GMI14-698	44400	1.44	<DL	41.9	0.623	<DL	46400	2.74	28	52.2	177	0.12	205	4.04	2.22	1.4	87400	15.4	4.49	0.05	1290	7.28	19.5
32485	A14-1054-025	GMI14-699	47500	1.23	<DL	75	0.542	<DL	55600	1.54	28.9	50.9	188	0.116	158	4.13	2.39	1.45	85200	17.6	4.42	0.052	3320	7.39	19.8
32486	A14-1054-026	GMI14-700	50000	2.12	<DL	244	0.379	<DL	49300	1.12	34.3	55.1	173	0.187	181	4.8	2.62	2.16	92700	21.9	5.27	0.063	11500	7.21	18.4
32487	A14-1054-027	GMI14-701	52800	2.93	<DL	323	0.381	<DL	53100	1.16	36.1	55.3	176	0.209	177	4.94	2.69	2.55	95000	25.1	5.47	0.062	13600	7.34	15
32488	A14-1054-028	GMI14-702	57800	3.07	<DL	330	0.394	<DL	59200	1.17	39.1	56	174	0.232	200	5.63	3.21	2.76	101000	26.3	5.99	0.065	13700	7.86	15.1
32489	A14-1054-029	GMI14-703	55700	3.92	<DL	343	0.462	<DL	54600	1.18	38.4	54.3	188	0.206	179	5.43	2.92	2.62	96800	26.4	5.6	0.064	13500	7.63	15.6
32490	A14-1054-030	GMI14-704	55700	4.6	<DL	419	0.388	<DL	54100	1.21	37.8	57.1	199	0.244	183	5.11	2.88	2.91	98400	28.5	5.72	0.055	14000	7.51	18.8
32491	A14-1054-031	GMI14-705	65300	2.09	<DL	233	1.61	<DL	34700	3.19	93.4	33.7	170	0.165	103	3.8	2.16	2.28	57600	25.2	6.6	<DL	7400	25.7	12.4
32492	A14-1054-032	GMI14-706	48300	2.39	<DL	146	2.51	<DL	39700	2.49	70.8	52.2	79.5	0.125	126	8.32	4.41	2.68	103000	21.4	9.45	0.096	5510	13.9	19.6
32493	A14-1054-033	GMI14-707	48200	3.34	<DL	252	0.602	<DL	46200	1.74	44.2	68.4	219	0.266	526	5.96	3.27	2.49	109000	23.3	6.48	0.059	10500	8.73	18.8
32494	A14-1054-034	GMI14-708	51100	4.09	<DL	216	0.532	<DL	45400	2.82	33.7	73.4	363	0.48	321	4.34	2.48	2.02	103000	20.1	4.87	0.053	10500	6.75	28.8

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.404	20700	1350	<DL	17500	8	16.5	75.1	776	4.43	5.39	0.148	30.3	0.066	0.096	31.6	<DL	4.25	1.21	216	4.55	0.843	2.13	8190	0.221	0.435	334	2.09	21.8	2.8	134	
0.409	19000	1390	<DL	16600	7.06	17.2	70.1	832	4	5.8	0.139	27.5	0.088	0.267	31.7	<DL	4.52	1.09	233	<DL	0.91	1.66	8730	0.2	0.487	333	0.934	22.9	2.87	137	
0.445	20100	1420	<DL	18500	6.88	17.5	68.7	862	3.76	6.65	0.123	38.2	0.101	<DL	34.1	1.03	4.53	1.13	267	<DL	0.922	1.65	8580	0.285	0.377	335	<DL	24.6	2.98	137	
0.374	20300	1350	<DL	15600	5.93	15.3	77	721	3.01	5.86	0.147	32.3	0.09	<DL	31.4	0.848	3.99	0.953	231	<DL	0.827	1.4	7770	0.253	0.324	313	<DL	20.4	2.65	129	
0.336	21300	1360	<DL	16200	5.69	15.5	85.1	728	3.11	5.69	0.127	24.9	0.089	<DL	29.7	0.79	4.05	0.903	235	<DL	0.804	1.3	7440	0.198	0.322	301	<DL	18.9	2.48	121	
0.292	20700	1290	<DL	16700	5.16	13.9	90.4	605	3.4	4.85	0.153	18.8	0.067	<DL	26.6	<DL	3.62	0.834	196	<DL	0.74	1.09	6740	0.199	0.506	273	<DL	15.5	2.45	117	
0.283	20900	1330	<DL	14600	4.93	13.7	103	619	4.21	4.78	0.131	19.5	0.075	<DL	26.2	1.16	3.67	0.883	199	<DL	0.695	0.958	6590	0.161	0.305	276	<DL	14.5	2.03	113	
0.247	21400	1300	<DL	12400	4.34	12.4	102	530	2.87	4.46	0.13	21.5	0.071	<DL	27.2	1.01	3.26	<DL	194	<DL	0.664	0.863	6180	0.21	0.232	272	<DL	13.2	1.79	109	
0.238	18500	1330	<DL	16000	4.26	12.8	99.2	541	3.16	4.5	0.116	15	0.082	<DL	24	<DL	3.3	0.764	207	<DL	0.633	0.746	6220	0.133	0.189	263	<DL	12.2	1.76	131	
0.26	19000	1330	<DL	15600	4.46	13.1	96.2	553	3.25	5.03	0.16	22.4	0.094	<DL	25.3	0.683	3.46	0.718	232	<DL	0.686	0.881	6170	0.209	0.232	263	<DL	13.2	1.95	105	
0.245	19400	1320	<DL	17500	4.52	13.3	97.4	624	2.8	5.18	0.12	12.9	0.1	<DL	24.7	<DL	3.53	0.75	248	<DL	0.664	0.837	6210	0.099	0.22	249	<DL	12.8	1.81	106	
0.267	18700	1350	<DL	20900	5.17	14.6	94.7	698	2.32	6.78	0.135	20.1	0.16	0.233	25.6	<DL	3.75	0.82	365	<DL	0.732	0.867	7360	0.14	0.242	292	<DL	13.8	1.96	109	
0.283	18400	1310	<DL	17200	5.2	15.6	103	754	7.03	5.68	0.129	11.5	0.108	<DL	26.2	1.51	4.02	0.836	270	<DL	0.81	0.928	6660	0.082	0.277	267	<DL	14.5	1.96	136	
0.23	17800	1310	<DL	17600	5.21	15.7	115	724	8.13	5.05	0.157	5.4	0.099	<DL	22.3	<DL	4.12	0.885	248	<DL	0.741	0.812	6730	<DL	0.26	256	<DL	12	1.76	127	
0.334	20500	1210	<DL	12900	5.26	17.2	83.5	813	3.13	6.26	0.147	37	0.089	<DL	28.5	0.987	4.51	0.848	243	<DL	0.838	1.54	7290	0.227	0.371	303	<DL	18	2.34	115	
0.241	20100	1320	<DL	15200	4.42	14	108	616	3.13	5.13	0.145	19.1	0.103	0.121	24.5	<DL	3.61	0.75	239	<DL	0.694	0.751	5850	0.146	0.196	247	<DL	12.6	1.78	109	
0.222	21600	1280	<DL	13600	3.96	12.3	108	542	3.19	4.86	0.144	25.3	0.086	<DL	26.1	<DL	3.16	<DL	215	<DL	0.639	0.73	5520	0.213	0.184	248	<DL	12.1	1.7	104	
0.3	18600	1310	<DL	17800	5.2	16.9	85.5	701	2.9	5.95	0.133	15.3	0.105	<DL	24.5	<DL	4.36	0.895	236	<DL	0.848	0.985	6990	0.116	0.238	276	<DL	15.5	2.13	98.8	
0.273	21000	1360	<DL	16300	4.48	15.2	97	662	7.07	5.47	0.132	21.6	0.099	<DL	25.8	<DL	4.07	0.723	230	<DL	0.747	0.778	6130	0.181	0.184	260	<DL	13.6	1.91	109	
0.239	20900	1430	<DL	14600	4.32	13.8	107	660	4.19	4.93	0.112	25.3	0.088	<DL	24.5	<DL	3.61	0.763	212	<DL	0.694	0.806	6140	0.212	0.231	259	<DL	12.3	1.72	113	
0.242	20900	1480	<DL	13900	4.4	14	115	660	3.58	5.35	0.13	27.4	0.089	<DL	25.7	<DL	3.57	0.76	220	<DL	0.673	0.79	5980	0.22	0.182	260	<DL	13.1	1.81	117	
0.255	20200	1450	<DL	14500	4.51	15.2	108	656	5.73	5.14	0.15	21.8	0.094	<DL	24.6	<DL	3.9	0.762	215	<DL	0.717	0.751	6060	0.203	0.188	254	<DL	12.6	1.87	118	
0.23	20200	1350	<DL	18100	4.56	15.3	100	677	46.9	5.04	0.154	10.1	0.1	0.18	22.6	<DL	3.92	0.724	222	<DL	0.715	0.83	6040	0.107	0.204	243	<DL	11.8	1.57	127	
0.217	19000	1440	<DL	21000	4.51	15.9	101	712	306	3.54	0.137	2.51	0.04	<DL	22.3	<DL	3.94	0.732	107	<DL	0.743	0.762	5990	<DL	0.229	230	<DL	11.5	1.69	260	
0.243	18100	1320	<DL	17000	4.6	15.8	100	745	40.5	4.42	0.137	5.59	0.063	<DL	22.3	<DL	4.14	0.761	167	<DL	0.756	0.824	5940	<DL	0.211	261	<DL	11.8	1.78	169	
0.28	22300	1520	<DL	18700	5.92	18.9	103	965	9.39	5.78	0.13	22.5	0.11	0.074	25.3	<DL	4.72	0.862	224	<DL	0.858	0.893	6390	0.219	0.207	265	<DL	13.2	1.86	117	
0.284	21200	1430	<DL	17100	5.22	19.5	101	1010	4.42	6.07	0.161	28.7	0.115	<DL	26.8	<DL	4.9	0.85	230	<DL	0.899	0.792	6690	0.213	0.173	279	<DL	14.1	2.01	116	
0.319	24100	1470	<DL	17700	5.37	21.5	91.4	1090	3.48	7.13	0.161	29.8	0.127	<DL	32.6	<DL	5.74	0.828	260	<DL	0.985	0.994	7100	0.239	0.224	308	<DL	17.1	2.37	116	
0.296	22800	1510	<DL	18300	5.23	21.3	93.3	1040	33.7	7.03	0.126	27.8	0.132	0.082	29.3	<DL	5.28	0.784	253	<DL	0.948	0.965	6820	0.267	0.211	289	<DL	15.8	2.26	137	
0.316	25200	1640	<DL	17300	5.15	20.2	105	1040	9.91	6.31	0.164	25.6	0.118	0.134	30.3	<DL	5.27	0.862	229	<DL	0.922	0.957	6810	0.223	0.194	294	<DL	15.3	2.07	137	
0.252	15100	916	<DL	41700	9.17	32.7	90.7	805	68	5.95	0.199	19.5	0.12	0.469	17.1	<DL	5.81	0.752	237	<DL	0.811	14.8	4000	0.121	5.62	174	<DL	12.1	1.73	121	
0.43	22100	2010	<DL	25700	9.66	36.7	62.4	1670	85	6.37	0.143	11.7	0.057	0.099	27.8	<DL	9.35	1.41	136	<DL	1.58	1.91	10500	0.077	0.622	311	<DL	22.2	3.18	211	
0.356	29500	1740	<DL	16400	6.08	23.3	161	1180	17.9	5.9	0.15	22.8	0.074	0.077	31.9	<DL	6.15	0.955	167	<DL	1.12	1.39	7680	0.221	0.357	310	<DL	17.4	2.41	181	
0.273	43000	1480	<DL	13000	4.66	17.3	198	945	48.9	4.96	0.125	24.9	0.067	<DL	31.6	<DL	4.4	0.777	135	<DL	0.763	1.64	5840	0.272	0.62	268	<DL	14	1.8	294	

32495	A14-1054-035	GMI14-709	45600	3.04	<DL	191	1.12	<DL	42000	12.4	49.3	62	335	0.145	193	4.14	2.28	1.97	95100	21.2	5.24	<DL	7990	10.9	27.2
32496	A14-1054-036	GMI14-710	67200	1.58	<DL	58.7	2.4	<DL	35100	12.2	177	25.4	62.9	0.042	83.7	5.8	3.51	2.22	50100	20.3	10.3	<DL	2990	46.2	8.61
32497	A14-1054-037	GMI14-711	70700	1.3	<DL	60.2	1.64	<DL	36400	2.86	126	22.1	146	0.056	34.7	3.47	2.09	1.72	46400	20.2	6.66	<DL	2820	34.4	8.69
32498	A14-1054-038	GMI14-712	52000	1.23	<DL	174	0.721	<DL	51100	2.03	26.5	54.4	314	0.265	172	2.42	1.34	1.43	83000	19.3	2.93	<DL	10500	6.09	21.2
32499	A14-1054-039	GMI14-713	55900	1.67	<DL	146	1.04	0.325	47600	2.97	55.8	48.6	258	0.103	115	2.67	1.49	1.57	77800	20.5	4.1	<DL	8290	13.6	17.9
32500	A14-1054-040	GMI14-714	65000	2.24	<DL	410	0.449	<DL	57800	1.35	49.9	54.2	139	0.229	202	5.79	3.2	3.08	98100	30.5	6.86	0.069	17100	8.92	12.9
32651	A14-1055-001	GMI14-715	65100	1.98	<DL	94.3	1.88	<DL	30900	6.24	163	30.1	195	0.041	57	3.62	2.11	1.87	43200	19.2	7.87	<DL	4660	36.1	12.2
32652	A14-1055-002	GMI14-716	58300	2.97	<DL	191	1.1	<DL	41700	4.6	83.6	49.4	250	0.121	129	3.25	2.12	1.88	79900	21.8	5.36	<DL	8850	17	20
32653	A14-1055-003	GMI14-717	56900	3.65	<DL	318	1.08	<DL	44700	3.67	48.1	56	207	0.154	181	4.94	2.52	2.71	94000	25.8	5.72	0.06	13400	8.33	26
32654	A14-1055-004	GMI14-718	59400	2.83	<DL	335	0.687	<DL	50700	1.56	44.5	56.7	207	0.176	182	4.68	2.78	2.92	96800	26.4	5.82	0.062	15900	7.47	16.8
32655	A14-1055-005	GMI14-719	58800	2.6	<DL	262	0.464	<DL	54500	1.28	41.9	57	198	0.141	188	4.87	2.63	2.68	97200	23	5.49	0.075	15800	6.81	12.8
32656	A14-1055-006	GMI14-720	62000	1.95	<DL	214	0.416	<DL	57600	1.29	42.6	56.2	198	0.153	188	5.44	2.99	2.5	98300	21.6	6.05	0.066	13300	7.1	15.3
32657	A14-1055-007	GMI14-721	56100	2.22	1.14	267	0.621	<DL	57900	1.4	18.8	51.9	176	0.204	168	3.87	2.18	1.45	86200	23	3.57	0.079	14000	8.68	16.5
32658	A14-1055-008	GMI14-722	55900	1.48	0.568	247	0.568	<DL	58900	1.33	18.4	52.7	184	0.2	169	3.78	2.2	1.39	86700	23.1	3.45	0.071	14000	8.61	15.3
32659	A14-1055-009	GMI14-723	55500	2.25	0.512	233	0.548	<DL	57800	1.57	18.7	52.1	172	0.185	173	3.86	2.32	1.36	86600	22	3.58	0.072	13400	8.86	13.5
32660	A14-1055-010	GMI14-724	57300	1.94	<DL	257	0.538	<DL	58200	1.33	18.5	54.5	181	0.208	171	3.68	2.19	1.48	86700	22.7	3.47	0.069	14600	8.51	13.6
32661	A14-1055-011	GMI14-725	54500	1.96	<DL	253	0.522	<DL	55300	1.33	17.4	53.3	183	0.189	162	3.48	2.08	1.29	83700	22.3	3.07	0.066	14000	7.97	13.4
32662	A14-1055-012	GMI14-726	59600	1.74	0.535	250	0.583	<DL	59500	1.65	18.8	54.5	184	0.265	169	3.59	2.3	1.36	88000	22.8	3.24	0.068	13100	8.73	16.5
32663	A14-1055-013	GMI14-727	55700	2.24	<DL	252	0.653	<DL	54000	1.97	18.4	50.4	175	0.172	161	3.38	2.11	1.4	83100	22.4	3.49	0.082	13000	9.06	14.4
32664	A14-1055-014	GMI14-728	56800	1.93	<DL	246	0.606	<DL	56800	1.64	18.4	49.6	178	0.191	168	3.64	2.24	1.41	82000	22.2	3.4	0.072	13300	8.21	14.2
32665	A14-1055-015	GMI14-729	58600	2.37	<DL	243	0.599	<DL	56000	1.84	18.2	51.4	182	0.186	164	3.62	2.21	1.27	85000	22.7	3.39	0.077	13500	8.73	15.8
32666	A14-1055-016	GMI14-730	60600	3.12	<DL	247	0.621	<DL	60200	1.56	20	54.2	188	0.193	177	3.83	2.19	1.43	89600	23.1	3.81	0.073	14900	8.84	14.1
32667	A14-1055-017	GMI14-731	54700	2.3	<DL	289	0.591	<DL	50500	2.34	17.3	51.5	176	0.221	165	3.27	1.94	1.4	83600	23.3	3.43	0.066	14500	8.18	16.5
32668	A14-1055-018	GMI14-732	57200	2.66	<DL	417	0.633	<DL	46600	1.81	17.7	49.9	175	0.243	157	3.25	2.18	1.72	80200	27.2	3.53	0.055	15500	8.08	18.9
32669	A14-1055-019	GMI14-733	59000	1.84	<DL	248	3.69	<DL	34900	26.9	56.1	34.8	150	0.155	78.1	2.48	1.66	1.3	53400	23.9	4.33	<DL	12000	39.4	15.7
32670	A14-1055-020	GMI14-734	55100	1.44	<DL	236	2.4	<DL	43100	12.4	39.1	40.1	234	0.194	59.9	2.11	1.4	1.07	59600	22.4	3.17	<DL	11200	27.5	20.6
32671	A14-1055-021	GMI14-735	62800	1.38	<DL	346	2.94	<DL	32300	6.16	43.1	31.3	186	0.103	99.7	2.03	1.26	1.33	45900	29.1	3.78	<DL	20500	26.3	18.9
32672	A14-1055-022	GMI14-736	60100	1.34	0.524	166	2.6	<DL	46700	2.95	38	41	161	0.129	80.2	3.51	2.17	1.31	72800	21.9	4.02	<DL	10000	25.3	14.5
32673	A14-1055-023	GMI14-737	58800	1.91	<DL	148	2.16	0.555	57500	1.03	16.3	50.1	166	0.15	127	3.48	2.28	1.15	84500	22.4	2.93	<DL	7710	9.4	16.5
32674	A14-1055-024	GMI14-738	59700	1.64	<DL	149	2.96	0.387	46700	2.77	35.6	43.5	159	0.115	59	3.78	2.39	1.39	77600	20.6	4.33	0.053	5840	19.2	16.4
32675	A14-1055-025	GMI14-739	67100	1.97	<DL	463	0.618	<DL	60200	1.6	22.7	48.6	124	0.414	177	3.98	2.53	1.86	83500	30.4	4.12	0.076	16400	10.6	18.9
32676	A14-1055-026	GMI14-740	58300	2.86	0.717	181	1.63	<DL	55100	1.29	16.7	39.2	160	0.137	70.3	3.45	2.24	1.26	77100	20.9	3.41	<DL	6210	8.34	14.4
32677	A14-1055-027	GMI14-741	64600	1.93	0.614	231	0.677	0.441	58800	0.65	10.3	48.2	174	0.229	119	3.76	2.34	1.28	86500	22.2	2.9	0.057	8230	4.07	22.6
32678	A14-1055-028	GMI14-742	57100	1.8	0.545	149	2.94	0.3	41500	1.36	25.9	39.1	158	0.082	129	3.19	1.84	1.13	82200	22.8	3.07	0.068	5310	16.4	22.5
32679	A14-1055-029	GMI14-743	64600	1.61	0.605	821	2.74	<DL	30700	4.27	63.6	28.6	117	0.081	74.5	3.03	2.09	2.75	52600	42.6	5.14	0.06	15400	36.2	11.5
32680	A14-1055-030	GMI14-744	61500	2.16	<DL	178	2.4	0.475	53300	2.04	28.9	49.5	158	0.122	103	3.37	2.21	1.35	79600	23.6	3.7	0.053	6700	14.4	15.5
32681	A14-1055-031	GMI14-745	56600	1.49	<DL	109	2.33	0.587	51100	0.904	20.4	44	164	0.1	118	3.32	2.09	1.11	85800	20.8	3.32	0.06	4100	9.77	22
32682	A14-1055-032	GMI14-746	55000	2.26	<DL	140	2.72	0.407	47900	1.22	24.4	46.6	157	0.106	76	3.41	1.94	1.27	81300	21.9	3.27	0.073	9500	13.1	18.5
32683	A14-1055-033	GMI14-747	55700	2.23	0.539	148	3.16	0.452	44000	2.64	42.1	41.1	143	0.089	60.3	3.48	2.19	1.39	70200	22.2	4.53	<DL	9670	20.3	14.4
32684	A14-1055-034	GMI14-748	66400	1.47	<DL	162	4.57	<DL	57500	6.71	83	31.7	131	0.111	70.4	3.68	2.71	1.62	70200	26.5	5.97	0.062	10900	53	12.7
32685	A14-1055-035	GMI14-749	63000	2	<DL	91.2	4.59	0.31	52900	6.86	67.4	36.9	152	0.064	55.5	4.21	2.67	1.31	79300	21.5	5.69	0.071	4520	44.3	13.7
32686	A14-1055-036	GMI14-750	59200	1.98	<DL	166	2.92	<DL	47800	1.25	34.1	42.9	217	0.185	78.7	2.73	1.73	1.1	76000	21.3	3.38	<DL	7430	22.4	30.4
32687	A14-1055-037	GMI14-751	53500	2.09	<DL	180	1.58	<DL	50500	0.825	11.4	51.1	288	0.203	141	1.52	1.04	0.789	70500	19.5	1.6	<DL	8580	7.78	40.6
32688	A14-1055-038	GMI14-752	64700	1.37	<DL	200	1.05	<DL	61000	0.883	13.2	48.7	285	0.35	126	1.86	1.16	0.842	69700	20	1.7	<DL	10500	8.3	29
32689	A14-1055-039	GMI14-753	68700	1.75	<DL	1630	1.8	<DL	58700	1.16	25.1	43.8	254	0.434	131	2.08	1.57	3.82	63800	65.1	3.09	<DL	11800	12.5	25
32690	A14-1055-040	GMI14-754	61200	2.52	<DL	746	2.62	<DL	70400	1.58	74.7	49.7	473	0.575	89.5	3.75	2.16	3.23	71200	37.3	7.52	0.055	12200	31.5	63.7
32691	A14-1055-041	GMI14-755	63100	2.36	<DL	296	1.65	<DL	57500	1.46	38.9	46.8	289	0.258	111	2.09	1.3	1.36	68000	23.6	3.31	0.053	10500	23.2	33.9
32692	A14-1055-042	GMI14-756	68000	2.1	<DL	215	0.745	<DL	67300	0.564	8.53	52.5	310	0.353	118	1.99	1.18	0.97	74800	20.5	1.81	0.054	10600	4.12	27
32693	A14-1055-043	GMI14-757	50100	1.63	<DL	292	5.38	<DL	32800	2.3	84.8	35.5	365	0.127	44.9	2.5	1.31	1.74	54400	25.5	5.39	0.059	13200	48.3	34.1
32694	A14-1055-044	GMI14-758	80800	1.81	<DL	483	3.29	<DL	37700	3.28															

0.224	29100	1550	<DL	19300	6.27	21.2	165	1000	104	5.12	0.153	14.9	0.085	<DL	27.2	<DL	4.87	0.795	164	<DL	0.836	5	6090	0.158	1.85	283	<DL	12.1	1.58	1150
0.434	11500	827	<DL	52700	15.4	47.6	42.8	1040	231	8.51	0.372	5.77	0.151	0.513	16.3	<DL	8.33	0.86	261	<DL	1.18	50.7	5450	0.061	10.6	225	<DL	21	2.99	423
0.211	11000	758	<DL	56100	10.1	35.1	68.4	807	47.2	5.6	0.169	6	0.11	0.086	13.1	<DL	5.29	<DL	211	<DL	0.74	18.7	2890	<DL	6	203	<DL	12.2	1.51	116
0.132	30000	1200	3.27	20900	2.75	10.5	162	794	142	6.91	0.133	20.9	0.2	<DL	25.8	<DL	2.59	<DL	320	<DL	0.45	3.64	5400	0.145	1.03	299	<DL	7.37	1.03	236
0.153	21000	1110	4	29100	5.09	17.9	136	870	252	7.48	0.224	15.6	0.221	0.497	21.5	<DL	3.68	<DL	355	<DL	0.581	6.69	5490	0.101	2.37	303	<DL	7.64	1.06	267
0.318	22900	1260	<DL	15500	5.57	24.9	94	1410	3.13	7.42	0.128	34.1	0.134	0.071	30	<DL	6.38	0.938	242	<DL	1.07	1.4	7910	0.259	0.417	337	<DL	17.3	2.39	119
0.249	14000	686	<DL	51700	13.1	42.4	82.1	926	202	7.91	0.281	7.76	0.196	0.257	14.4	<DL	6.79	<DL	321	<DL	0.833	39.1	3790	<DL	8.66	177	1.09	11.7	1.64	156
0.175	23200	1300	3.7	32800	8.18	25.9	135	1190	92.2	6.16	0.181	16.3	0.147	0.107	21.8	<DL	5.04	<DL	250	<DL	0.734	24.3	6250	0.127	4.16	298	0.838	9.71	1.46	295
0.248	25400	1990	<DL	23000	5.59	23.3	114	1380	112	5.96	0.198	26.2	0.109	0.098	27.5	<DL	5.74	1.09	200	<DL	0.954	3.13	6780	0.18	0.728	293	<DL	12.8	1.75	461
0.261	26500	1490	<DL	17700	5.1	22	114	1320	38.8	6.2	0.158	32.4	0.12	<DL	29.9	<DL	5.31	0.88	189	<DL	0.88	1.94	6630	0.222	0.598	292	<DL	13.5	1.82	169
0.274	26500	1310	<DL	16300	4.91	21.1	108	1290	7.64	6.17	0.096	31.8	0.103	<DL	30.8	<DL	5.09	<DL	188	<DL	0.959	1.55	6830	0.202	0.449	295	<DL	13.9	1.82	131
0.341	28200	1350	<DL	19200	4.93	22.3	104	1370	3.59	7.65	0.136	30.3	0.134	<DL	33.4	<DL	5.91	0.836	235	<DL	0.986	1.13	6790	0.164	0.276	297	<DL	16.1	2.11	117
0.314	23200	1330	<DL	13700	6.64	11.2	90.7	199	3.79	6.33	<DL	29.6	0.144	0.14	29	2.39	2.96	1.01	220	4.3	0.598	1.64	6180	0.276	0.38	264	<DL	16.5	1.91	119
0.258	22000	1330	<DL	14100	5.35	10.9	90.2	256	3.76	6.44	0.071	27.9	0.138	0.109	28.3	<DL	2.9	1.28	222	<DL	0.571	1.27	6380	0.284	0.361	271	<DL	16	2.15	120
0.265	21900	1340	<DL	14800	5.14	11.2	87.5	270	3.94	6.57	<DL	27	0.151	0.119	27.8	1.92	2.85	1.02	222	<DL	0.646	1.18	6280	0.232	0.255	270	<DL	16.3	2.05	118
0.255	24500	1340	<DL	13600	4.88	11	102	234	3.38	6.46	0.075	29.1	0.132	0.133	28.1	<DL	2.86	0.784	217	<DL	0.615	1.25	6040	0.245	0.321	260	<DL	15.9	1.76	119
0.247	23100	1280	<DL	13100	4.78	10.4	103	230	3.45	6.24	<DL	27.1	0.137	0.124	26.4	<DL	2.75	0.834	218	<DL	0.54	1.03	5930	0.223	0.229	252	<DL	14.8	1.83	116
0.25	25500	1390	<DL	16300	5.01	11.1	97.5	313	4.6	7.24	0.108	29.3	0.18	0.121	28.7	1.29	2.92	0.906	274	<DL	0.582	1.32	6210	0.216	0.335	266	<DL	16.5	2.07	125
0.303	22700	1480	<DL	16300	4.92	10.9	84.5	239	26.6	6.57	<DL	27	0.148	0.117	27.6	<DL	2.81	0.904	248	<DL	0.592	1.59	5990	0.214	0.42	257	<DL	15.3	2.04	144
0.28	23000	1420	<DL	15700	4.77	11	82.7	224	10.9	7.18	<DL	29.8	0.165	0.113	28.6	<DL	2.8	0.888	261	<DL	0.606	1.31	5930	0.257	0.409	261	<DL	15.9	1.96	121
0.263	23500	1450	<DL	17100	5.12	11.2	84.9	286	14	6.95	0.095	30.3	0.154	0.147	28.8	<DL	2.88	0.906	264	<DL	0.59	1.47	6210	0.218	0.567	270	<DL	16.1	1.74	131
0.281	25700	1430	<DL	16000	5.04	11.7	92.8	317	4.77	7.44	<DL	35	0.17	0.11	31	1.03	3.11	0.774	272	<DL	0.66	1.27	6380	0.268	0.681	278	<DL	17.6	2.22	123
0.297	23300	1750	<DL	15600	4.9	10.6	92.5	289	4.37	6.75	<DL	31.5	0.162	0.172	27.4	<DL	2.58	0.82	256	<DL	0.557	1.04	5990	0.257	0.332	258	<DL	14.9	1.94	176
0.244	24200	1960	<DL	14500	4.65	10.4	90.5	250	35.2	6.49	<DL	35.4	0.134	0.168	27.5	<DL	2.91	0.921	227	<DL	0.572	1.28	5640	0.293	0.292	247	<DL	14.5	2	167
0.233	14900	1320	<DL	30100	9.6	17.1	75.3	146	557	5.28	0.136	25.8	0.117	0.168	16.8	<DL	3.14	0.812	177	<DL	0.491	19.9	4150	0.188	6.5	182	<DL	11.7	1.44	2480
0.142	23000	1090	<DL	25400	6.29	11.6	116	30.3	307	5.6	0.112	25.5	0.17	0.127	20.4	<DL	2.51	<DL	254	<DL	0.377	12.2	4240	0.215	4.03	230	<DL	9.11	1.21	1140
0.12	15800	815	<DL	31700	9.54	15.7	88.3	<DL	389	5.33	0.082	37.5	0.144	0.126	16	<DL	2.82	<DL	225	<DL	0.377	10.7	3250	0.367	6.23	177	<DL	8.99	1.06	458
0.32	19700	1100	<DL	32900	6.42	13.7	75.5	232	30.2	7.11	<DL	19	0.157	0.185	28	<DL	3.02	0.776	250	<DL	0.593	12.4	7440	0.19	4.47	331	<DL	15.3	2.09	131
0.276	21700	1170	22.9	28500	5.32	8.93	85.7	324	16.8	7.53	<DL	16.3	0.182	0.108	30.7	<DL	2.36	0.779	286	<DL	0.566	1.94	8080	0.129	1.4	363	1.18	15.3	1.67	111
0.378	18500	1080	7.8	36900	8.21	14.7	75.9	296	14.9	6.63	<DL	11	0.121	0.145	29	<DL	3.14	0.865	219	<DL	0.629	21.8	7810	0.13	6.08	341	<DL	17	1.99	110
0.373	24000	1210	<DL	13600	5.29	12.3	83.1	470	3.13	8.08	0.215	39.9	0.183	0.164	29	<DL	3.21	1.03	261	<DL	0.724	2.03	6950	0.289	0.511	300	<DL	19.3	2.3	114
0.321	18500	1090	6.91	30600	5.35	9.32	90.5	248	8.85	6.73	<DL	14.3	0.139	0.114	28.6	2.09	2.55	0.825	244	<DL	0.524	7.39	7910	0.118	2.21	352	0.857	15.4	2.09	101
0.306	24500	1250	23.5	28700	3.13	8.29	97.3	412	6.53	6.39	<DL	22.3	0.146	0.116	34	<DL	2.42	0.704	245	<DL	0.605	<DL	8910	0.283	0.26	399	0.88	16.3	1.93	107
0.225	17200	1240	4.16	32400	4.8	10.9	84.2	359	6.91	6.43	0.067	9.39	0.154	0.151	26.1	<DL	2.5	0.899	274	<DL	0.511	4.82	8160	0.118	2.54	378	0.854	12.3	1.69	154
0.282	11600	842	3.66	39000	10.3	22.1	58.9	172	15.4	7.16	0.088	24.6	0.171	0.231	18.5	<DL	4.06	0.741	271	<DL	0.619	26	5360	0.168	8.57	231	<DL	14.1	1.74	122
0.338	20100	1120	8.37	31200	6.67	13.1	83.8	317	9.66	7.56	<DL	12.1	0.158	0.158	28.7	<DL	3.11	0.911	270	<DL	0.598	12	8020	0.107	3.46	360	<DL	15.6	1.98	118
0.234	17200	1160	3.67	26300	5.87	10.6	86.4	342	7.44	6.47	<DL	6.86	0.175	0.107	26.9	<DL	2.55	<DL	269	<DL	0.542	3.15	8530	0.101	1.77	388	<DL	12.6	1.57	146
0.209	19800	1220	<DL	25500	5.06	11.5	83.8	356	9.06	7.78	<DL	13.7	0.206	0.122	26.2	<DL	2.81	<DL	333	<DL	0.564	7.05	8130	0.128	2.73	366	<DL	13.1	1.76	147
0.269	16100	1060	9.57	28900	8.9	17.1	76.2	232	9.46	6.92	<DL	13.2	0.179	0.158	24.1	<DL	3.58	0.83	251	<DL	0.61	25.9	7730	0.137	6.97	340	<DL	14.8	2.01	129
0.451	16700	1090	3.11	30100	12.7	23.6	70.4	273	11.4	10.1	0.16	15	0.263	0.35	24.8	<DL	4.28	0.945	410	<DL	0.763	32.7	6970	0.118	10.2	329	0.814	18.6	2.62	131
0.386	20100	1240	3.06	35200	15.7	21.1	79.1	345	13.3	10.1	0.285	6.32	0.24	0.343	28.1	<DL	3.85	0.952	413	<DL	0.757	53.9	8070	0.063	14.6	366	<DL	20.5	2.57	150
0.171	23200	1190	5.98	28500	6.24	11.7	110	205	18.3	6.95	<DL	12.3	0.189	0.16	25.2	<DL	2.49	0.721	292	<DL	0.457	6.71	6520	0.146	2.79	322	<DL	11.2	1.54	131
0.1	26400	1120	7.38	18200	2.69	4.84	148	76.6	10.8	6.11	0.075	13.9	0.204	0.133	20.8	<DL	1.07	<DL	326	<DL	0.237	2	5060	0.188	1.1	284	<DL	6.75	0.706	108
0.14	35100	1090	4.83	20800	2.31	5.17	146	34.2	49.8	5.59	<DL	22.5	0.148	0.082	26.4	<DL	1.25	<DL	246	<DL	0.33	2.31	4960	0.194	1.2	276	0.92	8		

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32485	A14-1054-025	GMI14-699	47500	1.23	<DL	75	0.542	<DL	55600	1.54	28.9	50.9	188	0.116	158	4.13	2.39	1.45	85200	17.6	4.42	0.052	3320	7.39	19.8
		GMI14-699 DUP	47200	1.51	<DL	76.8	0.607	<DL	55900	1.48	28.7	51.7	181	0.105	160	4.12	2.27	1.45	86300	17.6	4.39	0.05	3370	7.33	19.8
32500	A14-1054-040	GMI14-714	65000	2.24	<DL	410	0.449	<DL	57800	1.35	49.9	54.2	139	0.229	202	5.79	3.2	3.08	98100	30.5	6.86	0.069	17100	8.92	12.9
		GMI14-714 DUP	65400	2.17	<DL	398	0.436	<DL	56900	1.39	47.7	52.9	135	0.238	195	5.46	3.12	3.03	96600	30	6.62	0.051	16700	8.77	13.2
32675	A14-1055-025	GMI14-739	67100	1.97	<DL	463	0.618	<DL	60200	1.6	22.7	48.6	124	0.414	177	3.98	2.53	1.86	83500	30.4	4.12	0.076	16400	10.6	18.9
		GMI14-739 DUP	66700	2.49	<DL	482	0.652	<DL	60900	1.66	23.6	50.7	130	0.325	186	4.12	2.49	2.03	86400	31.8	4.23	0.071	17200	11	18.5
32702	A14-1055-052	GMI14-766	62700	2.02	<DL	163	1.84	<DL	64200	0.92	14.6	50.8	308	0.159	104	1.83	1.18	0.858	70900	19	1.8	<DL	8810	8.2	18.5
		GMI14-766 DUP	63300	1.26	<DL	164	1.84	<DL	63500	0.845	15.4	49.7	305	0.194	103	1.72	1.09	0.85	69800	18.6	1.72	<DL	8750	8.5	18.6

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2350	3.18							19600			225000				14000						
		CRM PTM-1a #2		2450	4.18							20500			239000				15900						
		CRM PTM-1a #3		2320	3.13							18100			206000				13100						
		CRM PTM-1a #4		2490	3.69							19500			224000				13900						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	46800	8.51		339	0.407	2.1	25100	3.77	58.5	635	344	0.261	10500	2	1.01	2.05	235000	19.4	4.51		7390	15.5	
		CRM SU-1b #2	46300	8.96		296	0.391	1.76	24400	3.56	75	624	341	0.232	10600	2.29	0.956	2.35	226000	19.3	4.96		7440	13.6	
		CRM SU-1b #3	45000	6.88		337	0.522	2.23	24600	3.9	34.3	589	312	0.248	9450	1.47	0.782	1.38	192000	19.8	3.03		6790	15.8	
		CRM SU-1b #4	53500	10.1		341	0.639	2.78	27200	3.91	40.8	649	351	0.301	10400	1.58	0.804	1.61	213000	21.3	3.5		7780	15.9	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	56000	21.3		111		27.5	24900	9.78		150	191	0.375	2200				191000	43		1.64	5680	6.89	11.2
		CRM RTS-3a #2	54200	21.4		95.7		26.9	23400	9.78		147	185	0.341	2200				184000	41.1		1.54	5580	6.05	11
		CRM RTS-3a #3	56000	21.6		114		33.1	24900	10		140	175	0.38	2070				162000	43.6		1.73	5160	7.46	15.4
		CRM RTS-3a #4	64300	25.3		113		35.2	26700	11.2		150	189	0.422	2220				173000	45.1		1.73	5850	7.25	18.4
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	62700	22		568	1.09		17200	1.96	150	30.8	72.9	1.91	42.8	6.29		3.81	36900				19500	40.8	18.7
		CRM LKSD-3 #2	68000	23.4		536	1.26		17900	1.98	199	31.5	75.2	1.94	44.2	6.65		4.55	38200				20400	38.5	21.1
		CRM LKSD-3 #3	72000	23.8		642	1.63		19100	2.36	89.5	30.9	72.7	1.8	42	4.54		2.63	39300				21600	47.9	29.2
		CRM LKSD-3 #4	78800	23.6		610	1.81		20100	2.89	109	31.9	75.3	2.07	42.4	5.23		2.81	40300				23000	44.8	33.1





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.34	11.2		8.59	10.1		9.46	10.6			9.51		10.4	10.2	10.5		9.55	10.7	9.47		9.59	8.46
		Spike #4		10	10.5		7.11	9.04		9.24	18.2			8.96		13.7	12.4	15.6		9.18	15.1	8.99		8.66	6.53
		Spike #7		10.9	12.8		9.4	9.71		10.1	9.73			9.78		10.3	10.2	9.86		9.74	9.79	9.79		9.9	9.59
		Spike #10		10.3	12.5		9.77	9.99		9.8	10.3			9.78		9.92	9.69	10.2		9.48	10.7	9.64		9.76	10.3
		Actual Spike Values:				100						100	100		100										
		Spike #2				101						105	104		105										
		Spike #5				76.3						86.1	85.9		89.7										
		Spike #8				107						105	106		105										
		Spike #11				81.6						82.1	83		82										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10100						10200										10200				10400		
		Spike #6	10200						10000										11800				10700		
		Spike #9	10600						10700										10700				10900		
		Spike #12	11000						10500										10600				10800		



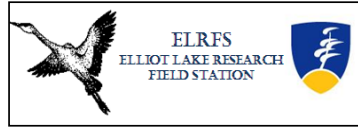
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-014

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

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**Batch: 14-1057 (47) & 14-1058 (42)**

**ELRFS Contact Information:**

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**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples 47 + 42  
Dates Analysed/ Analyst: Oct 10 - Nov 21, 2014 / Troy Maki  
Submission Date: 2014 11 26

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			1	2	5	2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
32754	A14-1057-001	GMI14-767	62500	0.904	0.742	457	2.39	<DL	42000	1.51	27.3	36.5	220	0.321	73.6	1.74	1.17	1.54	62900	32.3	2.78	<DL	14900	17	23.8
32755	A14-1057-002	GMI14-768	64400	0.849	<DL	754	1.9	0.32	47300	1.12	24	40.3	222	0.43	102	1.78	1.18	2.16	68700	43.9	2.67	<DL	16300	14.7	26.8
32756	A14-1057-003	GMI14-769	71000	0.834	<DL	674	0.783	<DL	70600	0.21	11.4	59.6	347	0.54	89.1	1.78	1.17	1.9	82100	38.5	1.85	<DL	18800	8.76	44.3
32757	A14-1057-004	GMI14-770	66900	0.744	<DL	689	1.66	<DL	57500	0.372	16.1	51.2	309	0.457	78.4	1.62	1.09	1.91	73400	39.8	2.13	<DL	16500	10.7	46.6
32758	A14-1057-005	GMI14-771	58300	0.985	<DL	529	1.36	<DL	44700	0.583	20	61.4	290	0.621	62.6	2.66	1.72	1.82	84600	33.7	2.97	<DL	14000	13	72.7
32759	A14-1057-006	GMI14-772	52000	0.647	<DL	435	2.77	<DL	38400	0.719	26.8	48.8	285	0.175	64	1.78	1.18	1.49	69800	32.1	2.82	<DL	16500	18.9	29.8
32760	A14-1057-007	GMI14-773	47600	0.573	<DL	334	1.48	<DL	42100	0.782	15.9	45.9	278	0.126	88.2	1.35	0.963	1.19	68900	27	1.88	<DL	14300	11.8	23.6
32761	A14-1057-008	GMI14-774	51600	0.775	<DL	662	2.54	<DL	35900	1.28	25.3	39.2	250	0.214	64.3	1.53	1.06	2.08	60400	42.8	2.69	<DL	18600	16.1	27.3
32762	A14-1057-009	GMI14-775	63100	0.763	<DL	904	3.86	<DL	29700	2.12	44.5	27.3	209	0.278	70.7	1.83	1.25	2.77	44400	56.7	4.02	<DL	23400	28.1	20.6
32763	A14-1057-010	GMI14-776	61500	1.08	<DL	633	1.18	<DL	57000	0.366	13.1	52.2	317	0.449	62.1	1.9	1.22	2.1	77500	39.4	2.24	<DL	16300	7.24	37.4
32764	A14-1057-011	GMI14-777	59400	0.52	<DL	541	1.02	<DL	58900	0.362	9.08	55.2	296	0.445	93.3	2.18	1.47	1.84	85200	35.6	2.12	<DL	15300	4.5	27.5
32765	A14-1057-012	GMI14-778	54500	2.63	<DL	468	1	<DL	45600	1.72	26.9	49.4	100	0.294	148	5.07	3.15	2.23	103000	35.9	5.32	0.092	11500	11.1	21.6
32766	A14-1057-013	GMI14-779	43900	1.08	<DL	433	1.84	<DL	45700	0.499	20.4	49.6	267	0.192	95.2	1.99	1.19	2	79100	32.4	2.95	<DL	13700	10.2	22.6
32767	A14-1057-014	GMI14-780	48700	1.9	<DL	580	0.607	<DL	47500	1.28	22.1	51.2	160	0.38	143	4.08	2.5	2.51	102000	40.1	4.52	0.062	15300	9.31	17.8
32768	A14-1057-015	GMI14-781	61700	2.24	<DL	420	0.709	<DL	56000	1.83	31.7	50.3	98.5	0.308	202	5.64	3.52	2.41	114000	36	6.12	0.079	12900	13.6	15
32769	A14-1057-016	GMI14-782	60000	2.15	<DL	389	0.658	<DL	54300	1.75	31.5	51.9	87.4	0.316	175	5.79	3.62	2.41	118000	34.5	6.13	0.075	14600	13.4	14.1
32770	A14-1057-017	GMI14-783	59600	2.1	<DL	386	0.631	<DL	49000	1.65	30	50.1	80.8	0.367	156	5.53	3.41	2.36	112000	33.8	5.83	0.079	12400	12.7	13
32771	A14-1057-018	GMI14-784	59400	2.28	<DL	417	0.595	<DL	50600	1.73	30.8	50.3	76.9	0.337	167	5.63	3.52	2.53	113000	35.8	6.1	0.083	15100	12.9	13
32772	A14-1057-019	GMI14-785	60700	2.02	<DL	408	0.627	<DL	53700	1.68	31.3	51.9	89.5	0.231	180	5.7	3.55	2.51	116000	36	6.33	0.072	15800	13.2	12.5
32773	A14-1057-020	GMI14-786	58300	1.53	<DL	273	0.558	<DL	56300	1.58	25.3	47.4	96.2	0.245	153	4.55	2.88	1.93	103000	29.3	5.06	0.062	12000	10.9	12.4
32774	A14-1057-021	GMI14-787	59100	1.86	<DL	317	0.566	<DL	52600	1.5	26.2	51.3	108	0.289	155	4.79	2.99	2.04	107000	30.4	5.26	0.072	14000	11.1	15.1
32775	A14-1057-022	GMI14-788	68000	12.3	<DL	474	0.731	<DL	18900	2.49	48.5	47.2	224	0.125	452	3.53	2.11	2.34	86800	39.1	6.73	0.061	10300	19.6	16.4
32776	A14-1057-023	GMI14-789	62100	1.85	<DL	344	0.492	<DL	59100	1.37	22.6	51.9	114	0.29	175	4.42	2.78	2.05	106000	31.4	4.63	0.071	15700	9.58	14
32777	A14-1057-024	GMI14-790	63700	2.11	<DL	340	0.495	<DL	59400	1.47	25.4	51.2	95.9	0.301	178	4.79	3.03	2.15	107000	31.9	5.17	0.077	15800	10.9	11.6
32778	A14-1057-025	GMI14-791	63700	2.45	<DL	335	0.562	<DL	58500	1.69	29.8	51.1	100	0.268	170	5.47	3.45	2.27	111000	32.2	5.93	0.082	15000	12.3	12.2
32779	A14-1057-026	GMI14-792	58400	2.95	<DL	303	0.586	<DL	56200	1.98	29.3	48.8	101	0.265	158	5.66	3.4	2.25	106000	29	6.03	0.08	12700	12.5	12.8
32780	A14-1057-027	GMI14-793	61900	2.47	<DL	321	0.627	<DL	54700	2.11	32.1	47.6	82	0.287	157	5.77	3.67	2.36	109000	31.2	6.59	0.082	13300	13.8	11.9
32781	A14-1057-028	GMI14-794	59900	3.88	<DL	272	0.636	<DL	52500	2.61	35.5	52.9	71	0.363	207	6.33	4.06	2.27	121000	29.3	7.12	0.097	11000	15.6	12.6
32782	A14-1057-029	GMI14-795	33400	3.21	<DL	298	0.723	<DL	37500	2.23	31.3	49.5	54.7	0.155	187	3.39	1.9	1.99	115000	30.9	5.44	0.1	12500	13.2	6.56
32783	A14-1057-030	GMI14-796	31800	3.59	<DL	282	0.783	<DL	34400	2.71	37.5	48	46.7	0.154	171	3.64	2.01	2.07	120000	30.9	5.96	0.105	11900	15.5	5.5
32784	A14-1057-031	GMI14-797	47300	3.47	<DL	379	0.825	<DL	34900	2.75	35.7	43.4	21.5	0.23	157	4.62	2.72	2.39	113000	36.1	6.47	0.11	15000	15.8	6.4
32785	A14-1057-032	GMI14-798	48600	4.36	<DL	287	0.797	<DL	32600	2.72	35.9	41.1	15.9	0.235	125	4.73	2.94	2.19	109000	31.4	6.68	0.101	12600	15.6	5.22
32786	A14-1057-033	GMI14-799	47700	3.55	<DL	253	0.829	<DL	31200	2.74	32.6	40.2	24.7	0.217	130	4.05	2.43	1.95	105000	29.2	5.7	0.103	10200	14.3	4.69
32787	A14-1057-034	GMI14-800	50500	4.82	<DL	426	0.905	<DL	30100	3.18	37.5	38.9	17.3	0.21	130	4.96	2.9	2.66	107000	39.4	6.87	0.125	15800	16.2	6.28

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.152	21800	845	<DL	26700	8.28	9.68	103	<DL	16.9	4.95	0.132	34.2	0.117	<DL	9.97	<DL	2.01	0.798	293	6.31	0.343	19.2	3580	0.285	5.84	194	1.26	8.2	1.11	103	
0.153	23700	934	<DL	24400	5.7	9.15	110	66.2	13.9	5.73	0.104	39.8	0.149	<DL	12.6	<DL	1.94	<DL	363	2.01	0.345	10.5	3950	0.318	3.67	217	0.821	8.65	1.16	115	
0.149	52200	1110	<DL	16200	2.34	4.97	242	117	14	7.06	<DL	51.9	0.187	<DL	19.4	<DL	1.38	<DL	438	<DL	0.288	1.55	4050	0.379	0.709	222	<DL	9.15	1.12	109	
0.141	45200	1050	<DL	20200	4.59	6.87	206	152	11.9	5.69	0.051	38.9	0.156	<DL	16.1	<DL	1.54	<DL	370	<DL	0.291	3.11	3610	0.306	1.99	206	<DL	8.42	1.05	116	
0.232	55500	1160	<DL	15900	4.59	8.32	324	178	6.12	5.99	0.053	32.5	0.119	<DL	12.2	0.799	2.16	<DL	267	<DL	0.459	4.24	4250	0.252	2.11	186	<DL	13.5	1.66	130	
0.159	27700	1030	<DL	22900	7.89	8.51	173	78.8	5.12	4.82	0.09	28.9	0.106	<DL	9.05	<DL	1.77	0.752	267	<DL	0.341	7.13	3780	0.286	5.13	195	<DL	8.1	1.11	121	
0.115	26500	959	<DL	18700	3.76	5.46	163	42	8.43	4.65	0.064	24.8	0.124	<DL	7.51	<DL	1.33	<DL	263	<DL	0.257	5.48	3560	0.238	3.41	195	<DL	6.36	0.942	101	
0.131	22300	810	<DL	19800	7.77	8.48	144	24	20.5	5.02	0.118	37.1	0.117	<DL	6.24	<DL	1.79	<DL	283	<DL	0.32	12.8	3310	0.364	6.04	177	<DL	7.4	1.05	113	
0.168	15100	626	<DL	32300	15	14.4	99	41.8	31.3	6.05	0.192	56.7	0.152	<DL	3.4	<DL	2.63	0.847	343	<DL	0.441	26.6	2670	0.432	13	137	<DL	8.82	1.2	112	
0.161	42500	1080	<DL	19300	3.44	6.56	191	64.2	11.8	7.26	0.057	39.9	0.198	<DL	16.1	<DL	1.67	<DL	401	<DL	0.363	2.73	4040	0.282	1.4	219	<DL	9.4	1.22	118	
0.193	42700	1260	<DL	19200	3.17	5.84	185	212	10.3	6.17	<DL	33.5	0.147	<DL	17.4	<DL	1.7	0.707	319	<DL	0.372	0.788	4850	0.259	0.754	240	<DL	10.6	1.36	114	
0.367	21400	1480	<DL	20700	7.8	16.2	70.3	826	6.94	6.58	0.134	24.3	0.09	0.12	17.3	<DL	4.41	1.35	216	<DL	0.912	1.78	9100	0.209	0.864	320	<DL	20.4	2.69	137	
0.137	24600	1090	<DL	18900	10.7	9.74	170	116	25.2	5.69	0.051	18.9	0.149	<DL	7.28	<DL	2.22	1.27	304	<DL	0.405	1.51	4270	0.202	1.89	226	<DL	7.69	0.987	128	
0.308	23100	1250	<DL	16500	6.25	13.6	103	605	8.96	6.32	0.103	24.2	0.117	<DL	14.5	2.14	3.64	1.1	254	<DL	0.74	1.32	7620	0.249	0.527	293	<DL	16.3	2.11	136	
0.446	21100	1490	<DL	18800	8.11	18.3	67.1	891	13.6	7.42	0.139	33.5	0.091	<DL	21.7	0.993	4.85	1.39	235	<DL	1.05	2.41	9200	0.249	0.755	344	<DL	24.7	3.09	152	
0.466	21100	1550	<DL	19600	8.08	18.7	65.3	938	6.63	8.62	0.126	40.9	0.145	<DL	22.3	0.678	5.04	1.4	308	<DL	1.1	2.01	9690	0.263	0.569	357	<DL	25.4	3.14	151	
0.415	19300	1430	<DL	24800	7.73	17.5	64.3	885	5.6	8.41	0.109	36.1	0.143	<DL	20.3	0.661	4.58	1.41	300	<DL	1	1.9	9370	0.247	0.568	346	<DL	23.3	3	139	
0.444	18900	1430	<DL	20500	7.94	18.3	64.1	882	4.3	8.79	0.121	43.9	0.158	<DL	20.5	0.702	4.91	1.46	320	<DL	1.04	1.88	9560	0.303	0.551	351	<DL	23.9	3.07	143	
0.439	18400	1510	<DL	20800	8.02	18.6	68.5	922	5.81	8.31	0.136	43.3	0.142	<DL	20.1	<DL	4.98	1.42	293	<DL	1.05	1.86	9760	0.298	0.538	355	<DL	23.4	3.08	142	
0.339	17200	1290	<DL	21400	6.47	14.8	70.2	759	5.39	7.65	0.093	33.7	0.136	<DL	16.5	<DL	4.05	1.23	295	<DL	0.865	1.46	8090	0.208	0.438	318	<DL	19	2.48	132	
0.37	20400	1340	<DL	21000	6.64	15.3	74.1	772	5.46	8.02	0.117	36.7	0.144	<DL	18.8	0.712	4.06	1.26	305	<DL	0.898	1.57	8650	0.265	0.443	335	<DL	19.7	2.62	117	
0.217	14000	900	<DL	15800	7.51	27.3	54.4	1030	5.29	3.92	0.192	14.5	0.035	0.128	5.55	3.85	5.93	1.29	117	<DL	0.872	2.96	4620	0.069	0.772	125	0.997	13	1.58	103	
0.329	22300	1330	<DL	17900	5.87	13.6	78.5	736	3.71	8.05	0.109	38.1	0.143	<DL	21.5	<DL	3.68	1.09	298	<DL	0.794	1.45	8590	0.253	0.399	366	<DL	19.3	2.42	118	
0.385	20400	1290	<DL	17000	6.53	15	74.2	829	3.16	8.38	0.142	38.3	0.141	<DL	20.3	<DL	4.1	1.22	297	<DL	0.897	1.59	8660	0.26	0.418	357	<DL	21.1	2.67	128	
0.425	20900	1320	<DL	17400	7.47	17.4	72.5	951	3.6	8.61	0.143	35.8	0.132	<DL	21	<DL	4.65	1.4	281	<DL	1.01	1.88	9010	0.256	0.521	332	<DL	23.9	2.99	132	
0.441	19700	1290	<DL	17800	8.94	17.3	68.9	994	3.84	8.78	0.162	31	0.127	<DL	19.5	1.16	4.54	1.55	261	2.76	1.02	2.08	8630	0.251	0.501	319	<DL	23	2.94	122	
0.45	17900	1290	<DL	18900	8.35	18.7	62.6	1130	4.02	9.41	0.148	34.5	0.137	<DL	18.7	1.46	5.05	1.58	272	<DL	1.1	2.05	9150	0.228	0.533	322	<DL	25.5	3.27	130	
0.511	20100	1410	<DL	21900	8.96	20.2	63.8	1270	5.71	9.72	0.175	30.1	0.136	<DL	21.8	<DL	5.41	1.63	255	<DL	1.21	2.25	11000	0.183	0.622	420	<DL	28.4	3.42	148	
0.188	6540	1340	<DL	15700	9.06	17.6	54.3	1220	5.41	5.8	0.142	26.2	0.142	<DL	9.1	<DL	4.26	1.61	266	<DL	0.752	1	10700	0.214	0.593	368	<DL	9.33	1.49	143	
0.208	4760	1370	<DL	18200	11	21	43	1530	8.08	5.82	0.191	26.2	0.14	<DL	8.7	1.34	4.94	1.96	263	<DL	0.819	1	10900	0.201	0.739	315	<DL	9.33	1.54	153	
0.302	5100	1300	<DL	19300	10.6	20.5	34	1450	7.72	7.69	0.166	35.7	0.172	<DL	11.8	1.31	5.12	1.87	306	<DL	0.945	1.46	10900	0.29	0.706	322	<DL	14.6	2.11	157	
0.322	4060	1290	<DL	25800	10.9	20.5	28.5	1470	8.57	7.72	0.171	32.4	0.147	<DL	10.9	<DL	5.15	1.98	296	<DL	1	1.45	10300	0.232	0.771	264	<DL	15.9	2.28	150	
0.264	3470	1230	<DL	29200	10.4	18.7	30.2	1410	29.8	6.78	0.169	25.7	0.126	<DL	8.97	<DL	4.52	1.85	254	<DL	0.895	1.24	10400	0.178	0.663	272	<DL	13.5	1.88	142	
0.311	3920	1390	<DL	21100	11.5	22	25.5	1620	9.38	7.59	0.207	39.3	0.166	<DL	9.91	0.705	5.37	2.02	291	<DL	1.01	1.53	10400	0.311	0.73	246	<DL	15	2.31	183	

32788	A14-1057-035	GMI14-801	46100	5.78	<DL	388	0.998	<DL	29900	3.18	39.6	41.6	20.3	0.217	124	4.56	2.69	2.45	113000	37.5	6.95	0.105	14200	17.1	5.29
32789	A14-1057-036	GMI14-802	46200	6.9	<DL	372	1.05	<DL	26500	4.21	39.6	38.2	14.2	0.271	128	4.55	2.57	2.45	110000	37.6	7.06	0.123	14800	17.2	5.27
32790	A14-1057-037	GMI14-803	45600	7.76	<DL	162	0.963	<DL	26100	5.04	40.9	37.1	8.89	0.297	115	5.07	2.83	2.07	104000	25.6	7.4	0.115	8180	17.9	4.32
32791	A14-1057-038	GMI14-804	45900	7.52	<DL	195	1.04	<DL	29700	4.79	42.1	36.6	11.6	0.316	135	5.38	3.27	2.19	107000	27.3	7.66	0.116	8830	18.1	4.81
32792	A14-1057-039	GMI14-805	51900	7.27	<DL	325	1.09	<DL	29200	3.82	45.4	39.5	14	0.248	109	5.81	3.47	2.46	114000	34.9	8.13	0.126	11900	19.9	6.3
32793	A14-1057-040	GMI14-806	53900	4.83	<DL	331	1.02	<DL	30500	3.63	45.6	36.8	13.3	0.321	103	6.01	3.7	2.59	109000	34.6	8.17	0.108	12100	19.5	6.67
32794	A14-1057-041	GMI14-807	48400	3.64	<DL	302	1.09	<DL	28900	3.61	43.8	36.5	14.6	0.252	98.2	5.64	3.36	2.67	105000	32.9	7.81	0.1	10600	18.7	6.13
32795	A14-1057-042	GMI14-808	48500	2.77	<DL	202	1.21	<DL	23000	3.77	42.6	40.4	14.3	0.198	117	4.82	2.86	2.15	118000	28.3	7.49	0.13	8910	18.6	8.15
32796	A14-1057-043	GMI14-809	46200	2.24	<DL	216	1.21	<DL	30400	3.69	39.8	34.2	15.1	0.186	91.4	4.54	2.67	2.15	104000	30.4	6.7	0.109	9020	17.6	7.06
32797	A14-1057-044	GMI14-810	50200	2.86	<DL	304	1.04	<DL	27800	3.95	46.5	37.3	15.1	0.223	98.1	5.68	3.23	2.56	111000	32.6	8.08	0.121	10100	20.2	5.91
32798	A14-1057-045	GMI14-811	47900	2.63	<DL	307	0.93	<DL	27900	3.42	38.8	37.6	13.6	0.231	111	4.9	2.81	2.28	105000	31.6	7.11	0.094	10800	17	4.95
32799	A14-1057-046	GMI14-812	39000	2.91	<DL	329	0.788	<DL	36600	2.43	33.4	44.9	91.8	0.214	145	3.91	2.23	2.15	108000	31.2	6.11	0.106	11500	14	7.22
32800	A14-1057-047	GMI14-813	52800	12.1	<DL	423	0.753	<DL	13900	2.71	41.7	45	214	0.054	448	2.21	1.27	2.12	79700	35.8	5.96	0.072	9640	17	9.67
30501	A14-1058-001	GMI14-814	28700	1.44	1.7	251	0.801	<DL	45100	2.94	24	46.8	108	0.203	181	2.97	1.75	1.73	118000	28.4	4.05	0.105	9390	11.4	11.1
30502	A14-1058-002	GMI14-815	32700	2.39	0.512	252	0.781	<DL	39700	2.33	24.5	42.5	92.1	0.157	149	3.37	1.87	1.73	108000	26.6	4.28	0.094	10400	11.4	8.31
30503	A14-1058-003	GMI14-816	31200	2.12	<DL	276	0.843	<DL	40200	2.19	24.6	47.1	95.4	0.162	156	3.06	1.75	1.85	115000	28.8	4.21	0.097	11200	11.4	8.06
30504	A14-1058-004	GMI14-817	32700	1.96	<DL	265	0.793	<DL	40500	2.38	24.6	46	95	0.17	150	3.22	1.85	1.68	111000	27.9	4.18	0.107	11200	11.4	7.6
30505	A14-1058-005	GMI14-818	33900	2.54	<DL	254	0.817	<DL	42900	2.3	24.4	47	98.2	0.137	155	3.25	1.92	1.84	114000	27.7	4.32	0.107	11000	11.5	8.69
30506	A14-1058-006	GMI14-819	34400	2.15	<DL	242	0.765	<DL	44200	2.3	24.9	47.4	95	0.137	158	3.2	1.88	1.79	113000	27.1	4.33	0.097	11100	11.1	9.62
30507	A14-1058-007	GMI14-820	33800	1.63	<DL	282	0.768	<DL	43900	2.39	24	50.4	103	0.145	166	3.09	1.85	1.74	117000	29.8	3.89	0.112	13600	11.2	7.66
30508	A14-1058-008	GMI14-821	34200	2.5	<DL	278	0.707	<DL	41900	2	21.4	48	102	0.122	163	2.81	1.59	1.68	109000	28.3	3.56	0.076	13600	9.51	7.75
30509	A14-1058-009	GMI14-822	33500	1.97	<DL	286	0.687	<DL	43100	1.81	18.3	49.5	104	0.119	170	2.49	1.48	1.63	107000	28.4	3.26	0.091	14000	8.25	7.43
30510	A14-1058-010	GMI14-823	32400	2.61	<DL	271	0.624	<DL	41600	1.7	18.2	50.4	91.6	0.128	197	2.45	1.44	1.55	111000	27.4	3.07	0.088	13300	8.06	7.48
30511	A14-1058-011	GMI14-824	34600	3.45	<DL	279	0.726	<DL	41200	2.25	20.9	50.4	78.8	0.143	193	2.71	1.52	1.69	115000	28.5	3.41	0.083	13500	9.24	7.66
30512	A14-1058-012	GMI14-825	32300	2.53	<DL	217	0.846	<DL	37900	2.2	21.5	49.5	67.4	0.149	170	2.59	1.55	1.44	115000	24.5	3.65	0.098	9490	9.36	8.26
30513	A14-1058-013	GMI14-826	31300	3.09	<DL	287	0.96	<DL	38300	2.86	26.1	46	55.2	0.139	204	3.07	1.86	1.81	116000	27.9	4.39	0.102	11000	11.7	7.16
30514	A14-1058-014	GMI14-827	31700	2.68	<DL	278	1.6	<DL	36200	2.54	24.6	49.1	62	0.115	170	2.81	1.62	1.71	120000	28.1	4.01	0.088	8660	10.7	10.1
30515	A14-1058-015	GMI14-828	41000	3.91	<DL	316	1.12	<DL	38800	2.87	25.2	49.1	58.6	0.286	151	3.39	2.05	2.03	121000	31.3	4.48	0.097	11100	11.4	10.9
30516	A14-1058-016	GMI14-829	41700	4.38	<DL	335	0.928	<DL	40000	3.15	26.9	46.2	60.8	0.291	157	3.73	2.21	2.12	119000	31.7	4.85	0.095	12200	12.1	11.5
30517	A14-1058-017	GMI14-830	41600	5.22	<DL	376	0.899	<DL	38900	2.98	27	45.4	62	0.25	163	3.65	2.14	2.08	118000	33	4.61	0.092	13300	12.2	10.6
30518	A14-1058-018	GMI14-831	36200	4.91	<DL	227	1.23	<DL	36600	2.63	22.3	46.5	56.1	0.141	176	2.85	1.68	1.52	110000	25.1	3.77	0.099	9270	9.81	9.66
30519	A14-1058-019	GMI14-832	38500	4.24	<DL	287	0.992	<DL	32900	2.78	23.6	48.7	63.8	0.142	209	2.84	1.58	1.85	118000	30.3	4.03	0.094	9180	10.7	11.8
30520	A14-1058-020	GMI14-833	36400	4.11	<DL	289	0.779	<DL	35500	2.81	23.8	45.7	71.6	0.136	157	2.66	1.62	1.68	107000	28.1	4.15	0.095	12300	10.3	9.53
30521	A14-1058-021	GMI14-834	33700	3.63	<DL	336	0.813	<DL	35700	2.96	24.7	45.9	74.8	0.156	173	2.8	1.66	1.92	109000	30.4	3.98	0.108	12800	10.5	10.8
30522	A14-1058-022	GMI14-835	34300	3.65	<DL	230	0.834	<DL	41300	2.7	24.5	47.7	145	0.144	161	2.3	1.43	1.47	98100	24.6	3.32	0.082	9400	9.41	12.3
30523	A14-1058-023	GMI14-836	28700	2.2	<DL	142	0.612	<DL	41000	1.43	8.8	46.5	271	0.073	113	0.846	0.5	0.766	78600	17.8	1.18	<DL	7860	3.7	10.1
30524	A14-1058-024	GMI14-837	31000	1.23	<DL	166	0.723	<DL	37000	1.61	17.3	41.8	252	0.082	98.1	0.902	0.608	0.856	71600	19.1	1.89	0.057	8420	11.5	6.15
30525	A14-1058-025	GMI14-838	31400	2.73	<DL	48.3	0.609	<DL	36000	1.51	17.3	47.5	23.4	0.092	70.6	3.56	2.08	1.36	101000	18.2	3.96	0.103	1890	6.1	4.38
30526	A14-1058-026	GMI14-839	56800	1.79	<DL	189	0.78	<DL	64100	1.23	4.26	49.3	298	0.274	124	1.5	1	1.02	82900	21.4	1.36	0.05	9870	2.52	22.9
30527	A14-1058-027	GMI14-840	60700	3.08	<DL	287	1.22	<DL	66800	3.17	24.5	48.7	148	0.155	169	4.03	2.45	2.2	109000	33.6	4.53	0.096	10500	14.2	29.8
30528	A14-1058-028	GMI14-841	52200	3.55	<DL	455	1.02	<DL	36600	2.24	23.2	45.3	71.8	0.161	156	4.09	2.49	2.57	111000	36	4.76	0.085	14000	10.7	26.5
30529	A14-1058-029	GMI14-842	50000	3.72	<DL	250	1.49	<DL	33000	3.99	23	46.7	73.9	0.175	146	4.09	2.65	1.88	115000	27.2	4.42	0.099	10500	10.6	28.2
30530	A14-1058-030	GMI14-843	52400	3.57	<DL	270	1.12	<DL	46800	2.64	24.4	50.4	65.5	0.223	179	4.57	2.8	2.08	125000	28.6	4.89	0.09	11300	11.2	20.7
30531	A14-1058-031	GMI14-844	62000	4.95	<DL	356	1.07	<DL	52100	2.55	26.7	52.7	70.5	0.323	180	5.5	3.34	2.42	136000	33.9	5.52	0.088	14100	12	21.7
30532	A14-1058-032	GMI14-845	61000	4.44	<DL	299	0.984	<DL	50800	2.86	28.1	49.4	65.9	0.205	174	5.59	3.42	2.4	128000	31.6	5.93	0.101	12900	13	18.1
30533	A14-1058-033	GMI14-846	66400	4.86	<DL	294	1.07	<DL	56500	3.05	29.9	47.9	66.4	0.247	167	5.76	3.79	2.46	125000	31.3	6.1	0.101	14400	13.7	17.1
30534	A14-1058-034	GMI14-847	67100	3.35	<DL	259	1.02	<DL	58500	2.62	27.1	48.8	71.8	0.21	173	5.36	3.36	2.24	121000	28.6	5.78	0.111	15300	12.2	18.1
30535	A14-1058-035	GMI14-848	65700	3.44	<DL	233	0.939	<DL	59000	2.58	25.7	50.8	84.7	0.141	174	5.31	3.23	2.02	122000	27.5	5.19	0.098	15900	11.7	16.3
30536	A14-1058-036	GMI14-849	66600	2.88	<DL	242	1.05	<DL	58000	2.31	25.5	49	84.7	0.138	169	5.19	3.23	2.13	120000	28.2	5.34	0.098	16500	11.6	16.1
30537	A14-1058-037																								

0.283	3490	1530	<DL	24100	12.4	22.7	27.1	1720	12.6	7.93	0.246	33.9	0.153	<DL	10.6	<DL	5.48	2.14	308	<DL	1	1.43	10900	0.273	0.804	262	<DL	14.7	2.14	179
0.276	2630	1860	<DL	28800	13.6	22.6	21.3	1940	53.1	6.99	0.242	39.2	0.151	<DL	9.36	<DL	5.32	2.7	288	<DL	1.04	1.23	10900	0.245	0.877	218	<DL	13.1	1.97	247
0.305	2470	1800	<DL	34500	12.8	23.4	17.8	1830	157	6.76	0.238	21.1	0.113	<DL	10.1	<DL	5.64	2.15	222	<DL	1.08	1.36	9820	0.125	0.835	176	<DL	15.1	2.34	366
0.356	3000	1710	<DL	31500	13.1	24.3	20.1	1850	124	9.12	0.2	22.7	0.2	<DL	10.1	0.624	5.9	2.22	337	<DL	1.13	1.59	10100	0.163	0.878	184	<DL	17.5	2.57	308
0.374	3110	1630	<DL	28400	14.2	25.8	21.1	2070	15	8.7	0.252	28.4	0.156	<DL	12.2	<DL	6.22	2.44	309	<DL	1.23	1.77	10800	0.239	0.946	199	<DL	19.1	2.89	183
0.411	3720	1440	<DL	30900	13.5	26	19.8	2010	10.9	9.83	0.248	29	0.185	<DL	13.5	<DL	6.27	2.36	333	<DL	1.32	1.82	10200	0.202	0.874	184	<DL	20.7	3.03	161
0.369	2990	1110	<DL	29400	13.5	24.5	19.8	2000	6.49	8.52	0.253	22.1	0.173	<DL	11.6	<DL	6.17	2.23	319	<DL	1.23	1.63	10200	0.176	0.956	185	<DL	17.9	2.64	132
0.298	2300	1180	<DL	28700	14	24.3	19.6	2160	5.41	6.73	0.261	15.9	0.125	<DL	12.7	<DL	5.96	2.43	233	<DL	1.11	1.49	10700	0.142	0.866	199	<DL	14.1	2.11	164
0.282	2980	1090	<DL	29200	13	22.7	16.7	2000	10.7	6.97	0.233	18.6	0.131	<DL	8.18	<DL	5.31	2.3	256	<DL	1	1.31	8930	0.145	0.831	143	<DL	13.9	2.02	164
0.358	2510	1230	<DL	32100	14.7	26.2	22	2210	5.59	7.84	0.212	20.8	0.146	<DL	11.9	<DL	6.16	2.47	279	<DL	1.21	1.64	10300	0.149	0.914	174	<DL	16.7	2.72	158
0.299	2820	1220	<DL	31700	12.4	22.5	24.7	1880	4.81	8.46	0.204	25.4	0.198	<DL	11	<DL	5.33	2.13	329	<DL	1.05	1.4	10100	0.182	0.776	212	<DL	14.8	2.17	134
0.221	6770	1250	<DL	19100	9.39	19.1	51.4	1450	4.42	6.79	0.168	24.4	0.169	<DL	13.2	<DL	4.59	1.64	303	<DL	0.817	1.09	9240	0.195	0.62	276	<DL	10.7	1.77	130
0.108	4560	786	<DL	10600	7.4	23.6	53.1	1300	5.15	2.6	0.161	7.44	<DL	0.122	11.8	<DL	4.85	1.33	85.6	<DL	0.658	2.04	4710	0.062	0.663	114	0.895	5.98	0.871	97.4
0.182	7260	1320	<DL	10700	10.2	14.5	59.2	524	8.99	4.61	0.154	17.2	0.109	0.073	11	<DL	3.54	1.68	207	11.7	0.659	1.28	8670	0.19	0.522	297	3.13	8.87	1.23	188
0.183	6650	1270	<DL	13300	7.8	15	55	477	5.05	5.28	0.205	21.3	0.131	0.088	12.6	<DL	3.58	1.38	239	2.07	0.706	1.02	8420	0.254	0.529	286	1.01	8.93	1.43	117
0.198	6950	1280	<DL	11000	8.05	14.6	57.2	547	3.36	4.89	0.173	19.7	0.126	<DL	11.2	<DL	3.5	1.45	234	<DL	0.717	0.905	9030	0.213	0.551	302	<DL	9	1.33	134
0.203	7960	1230	<DL	9980	7.74	14.8	57.1	520	3.22	4.94	0.178	20.1	0.114	<DL	18.4	<DL	3.53	1.39	207	<DL	0.695	0.997	8520	0.212	0.519	293	<DL	9.58	1.44	134
0.204	8690	1270	<DL	10300	7.67	14.9	59.4	540	3.19	5.14	0.157	17.6	0.098	0.277	14.8	<DL	3.73	1.46	210	<DL	0.718	0.974	8690	0.212	0.55	299	<DL	10.4	1.47	133
0.192	8950	1250	<DL	12000	7.61	14.8	60.8	557	3.21	5.06	0.188	18.4	0.119	0.089	20.1	<DL	3.61	1.42	226	<DL	0.718	0.985	8650	0.201	0.535	301	<DL	9.89	1.43	127
0.189	8470	1310	<DL	10200	7.63	14.1	66.8	641	3.24	5.27	0.168	20.6	0.128	<DL	18.2	<DL	3.44	1.43	226	<DL	0.674	0.975	8770	0.232	0.54	307	<DL	9.41	1.3	140
0.169	8810	1230	<DL	9800	6.44	12.7	66.6	474	3.11	4.72	0.161	20.9	0.11	<DL	19.9	<DL	3.1	1.16	210	<DL	0.629	0.843	7890	0.223	0.43	292	<DL	8.18	1.15	124
0.161	9120	1230	<DL	9060	5.64	10.9	72.6	357	3.13	4.54	0.174	19.5	0.113	<DL	19.1	<DL	2.59	0.994	204	<DL	0.527	0.741	7930	0.208	0.378	314	<DL	7.49	1.11	122
0.16	8680	1220	<DL	9160	5.45	10.6	71.3	348	3.16	4.67	0.124	19.5	0.107	<DL	20.5	<DL	2.66	1.05	209	<DL	0.521	<DL	8540	0.203	0.379	393	<DL	7.4	1.02	124
0.161	7720	1280	<DL	12000	6.44	11.9	63.9	423	4.05	4.97	0.189	23.6	0.117	0.071	38.4	<DL	2.81	1.2	229	<DL	0.572	0.942	9280	0.221	0.584	397	<DL	7.83	1.17	132
0.162	5780	1220	<DL	16300	6.66	12.2	58.2	503	3.37	4.74	0.178	19	0.133	0.083	30.1	<DL	3.25	1.18	228	<DL	0.635	0.796	9580	0.154	0.433	359	<DL	7.07	1.18	123
0.192	5000	1300	<DL	16400	7.94	15	50.9	610	5.69	5.53	0.221	22.8	0.132	0.103	35.6	<DL	3.72	1.4	241	<DL	0.71	0.967	10200	0.214	0.569	361	<DL	9.11	1.37	127
0.17	4750	1190	<DL	14500	7.71	14.2	51.5	668	3.74	4.31	0.21	13.7	0.108	<DL	46.9	<DL	3.35	1.39	211	<DL	0.676	0.875	10300	0.179	0.531	347	<DL	7.3	1.21	135
0.241	9200	1290	<DL	16600	7.86	14.7	49.9	631	3.8	6.15	0.219	24.1	0.14	0.086	31.2	<DL	3.82	1.43	236	<DL	0.761	1.08	10100	0.214	0.537	340	<DL	11.1	1.6	139
0.282	10400	1440	<DL	17900	8.3	15.3	49.7	707	4.46	7.46	0.205	30.5	0.17	0.095	44.7	<DL	4.01	1.52	285	<DL	0.86	1.19	10100	0.234	0.541	325	<DL	13.7	1.82	147
0.251	8670	1510	<DL	18600	8.27	15.4	50.9	788	9.06	6.17	0.196	34	0.148	0.104	65.4	<DL	3.9	1.64	254	<DL	0.779	1.11	10000	0.237	0.578	332	<DL	11.5	1.76	145
0.197	5890	1460	<DL	18700	7.05	12.8	56.1	632	17.7	4.48	0.175	22.2	0.093	0.117	50.3	<DL	3.09	1.39	167	<DL	0.637	0.846	9370	0.205	0.476	342	<DL	8.29	1.2	133
0.167	5610	1370	<DL	18100	7.66	13.8	55.2	741	11.6	4.58	0.199	18.4	0.108	0.096	42.9	<DL	3.3	1.69	178	<DL	0.653	0.922	9740	0.187	0.497	340	<DL	8.19	1.18	151
0.187	5970	1400	<DL	17800	6.98	13.5	55.5	683	6.85	5.31	0.157	25.2	0.14	0.095	73.5	<DL	3.21	1.4	237	<DL	0.656	0.878	8620	0.216	0.48	297	<DL	8.17	1.27	138
0.187	7170	1480	<DL	13600	7.12	13.3	54.8	714	7.39	4.73	0.17	24.7	0.125	0.118	48.7	<DL	3.21	1.47	218	<DL	0.652	0.878	8760	0.239	0.519	303	<DL	7.41	1.2	142
0.154	8860	1370	<DL	15500	5.67	10.8	87.8	500	21.1	5.56	0.177	15.3	0.134	0.087	70.3	<DL	2.75	1.09	238	<DL	0.54	0.785	7530	0.139	0.559	280	<DL	7.17	1.12	136
0.054	7370	982	<DL	11600	1.72	3.03	128	121	36.7	5.46	0.107	8.1	0.191	<DL	42.6	<DL	0.755	<DL	336	<DL	0.18	<DL	4660	0.105	0.302	223	<DL	2.37	0.394	142
0.063	7300	895	4.57	16200	3.13	5.78	117	175	34.8	4.92	0.102	10.4	0.186	<DL	38.1	<DL	1.08	<DL	297	<DL	0.25	2.14	4400	0.108	1.19	213	<DL	2.9	0.449	103
0.216	4040	1500	<DL	22700	5.94	12.3	51	1970	3.27	3.68	0.124	6.27	0.037	0.084	114	<DL	3.36	0.846	66.2	<DL	0.733	<DL	15700	<DL	0.16	381	<DL	9.98	1.67	144
0.144	25900	1050	<DL	15700	3.56	3.43	144	195	65.1	7.32	0.081	20.5	0.263	<DL	12.8	<DL	0.987	<DL	399	<DL	0.269	<DL	5010	0.176	0.314	266	<DL	6.74	0.831	155
0.314	19600	1240	33.4	11900	6.34	13.4	89.7	682	150	10.6	0.166	11	0.313	<DL	15.9	<DL	3.25	1.34	464	<DL	0.805	1.41	8410	0.148	0.719	341	1.06	15.5	1.93	190
0.302	16400	1360	<DL	19900	6.94	14.2	57.4	854	60.7	5.3	0.193	17	0.076	0.072	11.5	<DL	3.7	1.45	129	<DL	0.837	1.3	9200	0.204	0.495	325	<DL	15.6	2.1	164
0.325	17700	1630	<DL	18400	7.72	14.2	57.3	962	188	6.11	0.211	17.7	0.096	0.144	10.5	<DL	3.54	1.45	164	<DL	0.868	1.26	11100	0.171	0.495	372	<DL	15.4	1.96	401
0.343	16700	1920	<DL	16900	7.38	15.4	57.9	892	95.4	7.79	0.136	22.7	0.136	0.109	14.9	<DL	4.11	1.38	219	<DL	0.967	1.4	11600	0.202	0.492	381	<DL	17.1	2.37	226
0.421	18900	1930	<DL	18100	8.39	16.7	60.2	1190	16.2	9.11	0.187	31.4	0.202	0.096	20.6	<DL	4.6	1.67	300	<DL	1.06	1.67	12100	0.248	0.565</					

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
32778	A14-1057-025	GMI14-791	63700	2.45	<DL	335	0.562	<DL	58500	1.69	29.8	51.1	100	0.268	170	5.47	3.45	2.27	111000	32.2	5.93	0.082	15000	12.3	12.2
		GMI14-791 DUP	61600	2.16	<DL	323	0.541	<DL	56600	1.6	28.5	49.1	96.5	0.303	162	5.29	3.35	2.24	105000	31.3	5.74	0.073	14400	12	11.9
32800	A14-1057-047	GMI14-813	52800	12.1	<DL	423	0.753	<DL	13900	2.71	41.7	45	214	0.054	448	2.21	1.27	2.12	79700	35.8	5.96	0.072	9640	17	9.67
		GMI14-813 DUP	49400	13.2	<DL	415	0.73	<DL	13500	2.99	39.9	45.6	214	<DL	459	2.11	1.16	1.98	81800	35.8	5.85	0.081	9890	16.8	9.05
30525	A14-1058-025	GMI14-838	31400	2.73	<DL	48.3	0.609	<DL	36000	1.51	17.3	47.5	23.4	0.092	70.6	3.56	2.08	1.36	101000	18.2	3.96	0.103	1890	6.1	4.38
		GMI14-838 DUP	32100	3.24	<DL	48.6	0.678	<DL	34900	1.34	16.2	48.1	23.3	0.096	75.6	3.31	1.94	1.28	103000	18.6	3.82	0.114	1900	6.03	4.52
30542	A14-1058-042	GMI14-855	62400	1.41	<DL	180	1.15	<DL	59400	0.552	10.2	49.5	299	0.142	159	1.46	1.05	1.01	86500	21.1	1.67	<DL	9380	6.97	39.8
		GMI14-855 DUP	70400	1.78	<DL	184	1.22	<DL	64100	0.482	10.5	49.8	301	0.169	156	1.55	1.15	1.13	87100	21.7	1.9	<DL	9670	6.9	45.9

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2340	2.47							18500			210000				15900						
		CRM PTM-1a #2		2400	2.93							18800			216000				15500						
		CRM PTM-1a #3		1960	2.72							16400			186000				16500						
		CRM PTM-1a #4		2120	2.25							17800			202000				18900						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	38300	6.02		329	0.367	2.31	19800	3.08	31	598	312	0.112	9850	1.16	0.684	1.48	256000	22.3	3.53		7090	14.6	
		CRM SU-1b #2	38000	7.29		351	0.426	3.15	19000	3.64	31	598	330	0.099	10100	1.12	0.678	1.49	255000	22.6	3.67		7400	15.4	
		CRM SU-1b #3	35500	8.47		340	0.55	2.83	19400	4.85	30.7	581	300	0.13	8970	1.05	0.74	1.76	260000	22.1	3.69		6680	14.6	
		CRM SU-1b #4	48900	8.85		320	0.657	2	23900	3.8	28.2	594	321	0.164	9140	1.31	0.795	1.77	272000	22.6	3.7		7380	14.3	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	51200	21.5		114		32.8	20200	10		151	194	0.21	2140				219000	42.9		1.71	5490	7.14	11.1
		CRM RTS-3a #2	45600	22.4		110		33.2	16400	10.3		139	176	0.18	2030				200000	38.8		1.61	5070	6.84	10.4
		CRM RTS-3a #3	53400	20		106		27.3	22400	9.9		134	171	0.226	1920				218000	41.6		1.62	5070	6.7	16.4
		CRM RTS-3a #4	50700	17.5		101		28.7	19300	9.76		132	170	0.162	1990				215000	39.4		1.54	5080	6.01	16.4
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	61600	25.3		630	1.3		15300	2.19	84.2	32.9	79.4	0.63	43.2	3.7		2.93	42600				21700	43.5	15.7
		CRM LKSD-3 #2	60100	23		610	1.37		13700	2.22	78.6	30.8	73.2	0.407	42.9	3.36		2.69	39300				21100	41.3	15.2
		CRM LKSD-3 #3	70900	20.4		591	1.92		18400	2.68	77.4	29.4	69.8	1.13	41.3	4.12		3.3	42600				21500	42.7	30
		CRM LKSD-3 #4	65100	19.6		570	1.62		16300	3.06	75.1	28.9	69	0.856	41.7	3.96		3.71	41700				21100	39.5	25.6





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/kg 1	As mg/kg 0.2	Au mg/kg 0.5	Ba mg/kg 0.2	Be mg/kg 0.05	Bi mg/kg 0.3	Ca mg/kg 5	Cd mg/kg 0.05	Ce mg/kg 0.04	Co mg/kg 0.03	Cr mg/kg 0.4	Cs mg/kg 0.04	Cu mg/kg 0.05	Dy mg/kg 0.02	Er mg/kg 0.02	Eu mg/kg 0.02	Fe mg/kg 1	Ga mg/kg 0.02	Gd mg/kg 0.05	In mg/kg 0.05	K mg/kg 6	La mg/kg 0.03	Li mg/kg 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.95	9.44		9.41	10.3		10	10.5			10.6		10.2	10.6	10.5		9.76	10.9	10.3		10.5	9.4
		Spike #4		10.5	8.76		8.26	10.8		9.56	11.5			10.6		10.2	10.6	10.7		9.65	12	9.96		10.4	7.93
		Spike #7		9.56	8.48		8.82	9.89		9.95	9.55			9.64		9.17	9.7	9.58		9.46	9.67	9.71		9.52	8.97
		Spike #10		9.73	7.37		11.4	9.85		9.19	9.66			9.8		9.48	9.8	9.82		9.71	10.2	9.49		9.38	12.4
		Actual Spike Values:				100						100	100		100										
		Spike #2				84.8						83	83.4		82.1										
		Spike #5				85.6						85.3	85.5		88.7										
		Spike #8				111						110	110		110										
		Spike #11				77.9						82.4	83.2		82.2										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10800						10600										10900				10800		
		Spike #6	11800						10700										11000				11800		
		Spike #9	10900						10800										10800				10900		
		Spike #12	13100						12000										13400				12400		



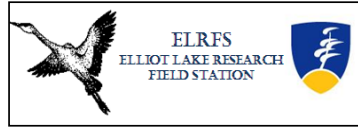
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-015

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

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**Batch: 14-1096 (47) & 14-1097 (34) & 14-1098 (11)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples: 47 + 34 + 11  
Dates Analysed/ Analyst: Oct 10 - Dec 10, 2014 / Troy Maki  
Submission Date: 2014 12 18

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
30543	A14-1096-001	GMI14-856	60200	0.896	0.825	165	0.413	<DL	57800	0.84	7.62	50.8	275	0.455	93.8	2.41	1.54	0.904	76900	17.8	1.91	0.055	6530	3.43	32.3
30544	A14-1096-002	GMI14-857	56400	0.859	<DL	155	0.235	<DL	54100	0.481	9.38	52.5	278	0.453	104	2.22	1.43	0.829	77300	16.5	1.86	0.054	6730	5.21	27
30545	A14-1096-003	GMI14-858	58900	0.736	<DL	151	0.19	<DL	50400	0.438	4.42	57.8	316	0.517	102	1.83	1.25	0.722	81800	16.7	1.4	0.051	7800	1.89	35.2
30546	A14-1096-004	GMI14-859	54400	1.06	<DL	86.7	1.03	<DL	70600	0.472	16.6	53.9	312	0.284	76.8	2.05	1.42	0.729	78800	15.3	2.11	0.051	3920	12.6	25.4
30547	A14-1096-005	GMI14-860	60800	1.26	<DL	140	1.51	<DL	86800	1.02	30.8	59.2	262	0.234	167	4.52	2.88	1.42	106000	23.5	4.63	0.09	4950	16.4	22.8
30548	A14-1096-006	GMI14-861	74000	1.34	<DL	505	0.402	<DL	56900	0.843	18.7	58.5	189	0.654	166	3.89	2.53	1.82	101000	31.2	3.53	0.076	17100	8.17	29.3
30549	A14-1096-007	GMI14-862	69400	1.35	<DL	491	0.347	<DL	52800	0.801	17.6	53.4	174	0.515	154	3.64	2.35	1.84	92500	29	3.42	0.073	15900	7.81	27
30550	A14-1096-008	GMI14-863	62300	1.21	<DL	57.5	0.487	<DL	47500	0.9	20	54.7	27.8	0.38	47.4	7.3	4.72	1.79	103000	21.5	5.88	0.093	2200	7.8	11.9
32812	A14-1096-009	GMI14-864	55400	0.718	<DL	299	0.261	<DL	51000	0.776	18.3	55.5	209	0.364	135	3.51	2.3	1.47	86500	22.5	3.44	0.068	11200	7.47	21.7
32813	A14-1096-010	GMI14-865	55400	0.589	<DL	274	0.227	<DL	56200	0.708	15.7	54.4	231	0.478	152	3.14	2.03	1.37	82100	21.1	3.05	0.063	11000	6.69	17.5
32814	A14-1096-011	GMI14-866	58100	0.581	<DL	256	0.301	<DL	58800	1.04	21.5	51.6	151	0.624	148	4.5	2.82	1.64	86600	22.5	4.33	0.069	9750	8.76	13.3
32815	A14-1096-012	GMI14-867	56800	0.68	<DL	274	0.429	<DL	53800	1.47	28	48.1	91.2	0.488	147	5.69	3.66	1.96	93000	23.9	5.51	0.089	10300	11.5	12.5
32816	A14-1096-013	GMI14-868	60300	0.845	<DL	208	0.435	<DL	56600	1.33	26	53.4	77.6	0.546	186	5.39	3.35	1.68	102000	22.8	5.14	0.093	7910	11.4	15.9
32817	A14-1096-014	GMI14-869	65200	0.923	<DL	223	0.491	<DL	61700	1.15	23.4	55.2	85.7	0.519	183	4.82	3.07	1.61	103000	24.2	4.66	0.086	8860	10.4	16.2
32818	A14-1096-015	GMI14-870	60200	1.04	<DL	246	0.409	<DL	59600	1.28	25.1	54	96.8	0.418	169	5.14	3.33	1.77	101000	24.2	4.97	0.09	10200	10.9	12.6
32819	A14-1096-016	GMI14-871	60400	1.22	<DL	241	0.509	<DL	58400	1.29	27.2	55.3	108	0.522	167	5.48	3.5	1.75	104000	25	5.22	0.088	9460	11.4	13.2
32820	A14-1096-017	GMI14-872	54500	0.538	<DL	138	0.336	<DL	52400	1.23	24.3	49.6	96.5	0.507	148	4.85	3.11	1.49	92300	19.4	4.74	0.079	5960	10.2	15.1
32821	A14-1096-018	GMI14-873	60700	0.652	<DL	216	0.415	<DL	57800	1.16	25.3	49.8	105	0.613	148	5.15	3.39	1.66	94500	22.5	4.97	0.091	8380	11	14.6
32822	A14-1096-019	GMI14-874	57600	0.688	<DL	143	0.423	<DL	58200	1.3	27.2	53.6	109	0.451	151	5.52	3.43	1.63	99500	21.5	5.32	0.09	6490	11.3	16
32823	A14-1096-020	GMI14-875	59600	0.896	<DL	268	0.41	<DL	55300	1.59	32	47.5	94.4	0.807	139	6.41	4.13	2.11	94900	25.3	6.23	0.091	10100	12.9	12.9
32824	A14-1096-021	GMI14-876	55300	1.13	<DL	225	0.362	<DL	53000	1.5	28.4	48.9	81.7	0.735	146	5.76	3.73	1.88	95300	23.3	5.72	0.086	8610	11.5	11.6
32825	A14-1096-022	GMI14-877	53300	1.24	<DL	54.9	0.368	<DL	42300	0.926	20.7	51.3	25.7	0.352	50.3	7.27	4.65	1.76	92700	19.9	6.04	0.083	2000	7.35	8.99
32826	A14-1096-023	GMI14-878	61800	0.657	<DL	237	0.419	<DL	59400	1.42	25.6	52.7	89.6	0.724	156	5.45	3.47	1.83	101000	24	5.35	0.083	9720	11.1	12.6
32827	A14-1096-024	GMI14-879	61100	1.23	<DL	247	0.378	<DL	60900	1.41	27	56.2	103	0.638	166	5.66	3.69	1.92	107000	24.6	5.57	0.098	9790	11.8	11.6
32828	A14-1096-025	GMI14-880	58700	0.794	<DL	220	0.389	<DL	58000	1.39	26.9	52.4	92.4	0.668	163	5.67	3.65	1.84	100000	23.6	5.42	0.093	9320	11.4	10.7
32829	A14-1096-026	GMI14-881	59100	1.34	<DL	229	0.419	<DL	58000	1.61	28	50.7	131	0.814	148	5.83	3.81	1.85	96400	22.7	5.87	0.082	8730	12.3	11.9
32830	A14-1096-027	GMI14-882	62400	1.62	<DL	230	0.425	<DL	60600	1.51	28.1	53.5	123	0.801	168	5.79	3.73	1.85	103000	24	5.98	0.076	9460	12.6	11.7
32831	A14-1096-028	GMI14-883	57800	0.802	<DL	196	0.401	<DL	59000	1.49	28.4	53	132	0.862	152	6.02	3.83	1.87	99000	22.3	6.02	0.096	8180	12.4	10.9
32832	A14-1096-029	GMI14-884	53000	1.16	<DL	162	0.583	<DL	53400	2.51	44.6	44	126	1.17	120	8.46	5.61	2.36	91700	21.5	9.36	0.112	5880	18.9	12.7
32833	A14-1096-030	GMI14-885	57500	1.31	<DL	189	0.444	<DL	58500	1.74	30.9	50.6	132	0.827	134	6.38	4.09	1.89	99100	22.1	6.42	0.095	7450	13.8	11.5
32834	A14-1096-031	GMI14-886	61900	1.43	<DL	204	0.439	<DL	62300	1.72	30	55.9	122	0.765	167	6.16	4.08	1.91	107000	23.6	6.22	0.105	8170	13.8	11.7
32835	A14-1096-032	GMI14-887	58900	1.56	<DL	192	0.445	<DL	59300	1.81	30.6	54.1	108	0.756	164	6.31	4.18	1.9	104000	23.2	6.31	0.103	7570	13.6	11.6
32836	A14-1096-033	GMI14-888	57500	1.04	<DL	179	0.387	<DL	57100	1.72	31.3	51.5	99.8	0.7	160	6.34	4.11	1.86	99600	22.5	6.15	0.094	7030	13.5	12
32837	A14-1096-034	GMI14-889	55100	1.4	<DL	187	0.376	<DL	54000	1.81	29.7	48.9	95.7	0.752	152	5.96	3.98	1.89	95500	21.6	6.27	0.1	7740	12.9	12.3

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.215	39500	1130	6.18	19700	4.32	4.96	148	<DL	17.2	5.75	0.072	23.3	0.179	<DL	35.5	<DL	1.57	<DL	377	10.7	0.386	<DL	5280	0.143	0.17	280	2.55	12	1.42	102	
0.215	44700	1160	4.82	18400	2.42	4.96	151	<DL	6.97	4.52	0.072	21.4	0.121	<DL	33.7	<DL	1.51	<DL	257	3.5	0.37	<DL	5250	0.133	0.155	282	1.75	11.5	1.33	70.4	
0.186	49900	1210	7	17900	1.56	3.33	172	<DL	19.4	3.84	<DL	23.1	0.11	<DL	36.4	<DL	1.1	<DL	218	<DL	0.3	<DL	5050	0.158	0.111	294	1.45	9.62	1.18	72.8	
0.202	39000	1270	4.79	20000	2.24	5.7	172	<DL	32.1	8.42	0.056	13.1	0.246	<DL	35.8	<DL	1.43	<DL	562	<DL	0.351	2.12	4720	0.086	0.827	278	1.52	11.2	1.34	109	
0.42	36400	1830	<DL	13500	6.95	15.2	134	526	17.8	23.2	0.125	15.2	0.713	0.098	43.3	<DL	3.62	1.13	1790	<DL	0.806	1.8	7010	0.095	0.622	358	1.52	24.9	2.74	155	
0.353	30500	1610	<DL	19400	5.09	10.8	91.3	343	16.7	6.05	0.14	63.3	0.139	<DL	40.3	<DL	2.88	0.75	283	<DL	0.645	1.29	7010	0.32	0.296	307	1.13	20.9	2.36	143	
0.338	28100	1470	<DL	18200	4.64	10.1	83.1	274	15.7	5.66	0.123	58.3	0.123	<DL	36.4	<DL	2.79	0.755	263	<DL	0.64	1.22	6410	0.324	0.29	282	1	19	2.18	130	
0.616	25700	2020	<DL	33100	6.33	15.8	58.7	2140	3.57	6.21	0.129	15.8	0.05	<DL	52.2	<DL	5.05	0.812	98	<DL	1.21	<DL	18500	<DL	0.144	481	1.32	38.9	4.39	155	
0.317	27000	1290	<DL	15900	4.56	10.3	99.9	193	2.94	5.3	0.133	35.1	0.125	<DL	32.5	<DL	2.82	0.703	222	<DL	0.607	1.17	5690	0.226	0.286	260	0.925	16.8	2.05	114	
0.278	28600	1230	<DL	14100	3.79	8.92	108	108	2.54	5.31	0.108	34.4	0.118	<DL	32.7	<DL	2.46	<DL	227	<DL	0.557	1.06	5040	0.234	0.244	244	<DL	15.6	1.94	92.8	
0.4	27200	1240	<DL	14700	5.05	12.6	89.3	257	2.75	6.55	0.132	42.2	0.126	<DL	36.2	<DL	3.46	0.869	225	<DL	0.758	1.5	6410	0.231	0.339	271	0.807	22.9	2.68	109	
0.516	24300	1380	<DL	19900	6.45	16	66.9	404	3.12	8.11	0.165	47.9	0.13	<DL	37.6	<DL	4.32	1.2	254	<DL	0.974	2.06	8040	0.242	0.489	322	<DL	29.4	3.37	115	
0.476	25500	1430	<DL	23900	6.31	14.6	70.8	513	3.28	7.13	0.188	34.8	0.132	<DL	40	<DL	4.09	1.1	262	<DL	0.92	1.89	9520	0.197	0.454	425	0.901	28.2	3.18	122	
0.438	27200	1430	<DL	22900	5.7	13.5	75.5	506	3.63	6.9	0.165	38.1	0.133	<DL	40.3	<DL	3.68	1.02	293	<DL	0.833	1.84	9660	0.212	0.42	451	<DL	26.1	2.91	118	
0.462	26900	1430	<DL	20200	6.19	14.4	78.8	521	3.46	6.73	0.189	42.4	0.117	<DL	39.9	<DL	4.01	1.12	246	<DL	0.903	1.84	9090	0.233	0.453	394	<DL	27.1	3.17	125	
0.492	25300	1510	<DL	22300	6.69	15.6	80.9	587	3.36	7.28	0.178	39.2	0.139	<DL	39.7	<DL	4.38	1.17	261	<DL	0.952	1.99	9330	0.204	0.487	383	<DL	28.6	3.21	127	
0.418	23700	1280	<DL	22400	5.61	14	72.8	407	3.71	7.83	0.156	26.4	0.171	<DL	34.3	<DL	3.77	1	328	<DL	0.864	1.67	8310	0.145	0.405	355	<DL	23.7	2.79	102	
0.464	25300	1400	<DL	22500	6.12	14.4	73	480	3.05	7.67	0.19	37.9	0.148	<DL	38.2	<DL	4	1.12	294	<DL	0.897	1.83	8480	0.211	0.446	357	<DL	27.2	3.11	108	
0.482	25400	1390	<DL	21700	6.56	15.6	78	609	2.84	7.68	0.179	27	0.151	<DL	37.3	<DL	4.33	1.09	287	<DL	0.974	1.94	8850	0.132	0.491	357	<DL	27.8	3.28	116	
0.574	23300	1390	<DL	19300	7.43	18.2	66.2	569	3.75	8.85	0.217	52.4	0.151	<DL	37.9	<DL	5.03	1.28	270	<DL	1.11	2.36	8530	0.261	0.535	309	<DL	33.1	3.91	122	
0.519	23000	1360	<DL	17800	6.66	16.5	61.7	498	3.81	8.37	0.184	45.1	0.139	<DL	38.1	<DL	4.51	1.14	232	<DL	1.04	2.08	8990	0.249	0.496	311	<DL	30.2	3.5	121	
0.624	21700	1810	<DL	28400	5.91	16	61	1860	3.43	7.02	0.165	15	0.06	<DL	47	<DL	5.12	0.743	91.9	<DL	1.2	<DL	16500	<DL	0.151	436	0.958	36.5	4.35	141	
0.495	26200	1440	<DL	18900	6.34	14.8	68.9	582	3.52	7.48	0.212	49.5	0.126	<DL	42	<DL	4.05	1.11	242	<DL	0.96	1.95	9960	0.237	0.461	367	<DL	29.4	3.33	121	
0.521	27600	1490	<DL	18200	6.61	15.6	72.5	602	3.78	7.73	0.218	47.1	0.122	<DL	43.7	<DL	4.25	1.11	231	<DL	1	2.09	10500	0.257	0.482	419	<DL	30.3	3.47	130	
0.498	26100	1380	<DL	17300	6.41	15.6	69.5	629	3.2	7.64	0.178	48.6	0.124	<DL	41.5	<DL	4.16	1.08	218	<DL	0.969	2.07	9410	0.23	0.47	395	<DL	30	3.39	119	
0.525	28200	1430	<DL	17700	8.12	16.3	79.1	777	7.52	8.26	0.226	44.6	0.123	0.088	40.8	<DL	4.42	1.39	211	2.28	1.04	2.32	8220	0.264	0.515	342	1.37	30.9	3.58	125	
0.521	28400	1460	<DL	19000	7.1	16	82.3	872	4.95	7.92	0.255	48	0.122	<DL	43	0.961	4.36	1.34	218	<DL	1.01	2.25	9390	0.274	0.516	393	1.22	31.6	3.57	127	
0.544	28800	1450	<DL	17500	7.03	16.6	82.5	857	4.01	8.22	0.239	43.4	0.112	0.074	43.1	<DL	4.53	1.29	194	<DL	1.03	2.25	8740	0.237	0.519	356	0.995	32	3.7	123	
0.762	24200	1350	<DL	19200	9.8	25.1	63.9	1100	4.84	11.6	0.313	33.9	0.129	<DL	38.9	<DL	6.69	1.81	185	<DL	1.59	3.4	7230	0.192	0.789	232	1.01	45	5.35	124	
0.575	27500	1460	<DL	18400	7.46	17.8	76.4	984	4.24	8.51	0.224	37.8	0.112	<DL	42.3	<DL	4.89	1.3	191	<DL	1.12	2.42	8660	0.227	0.573	313	0.864	34.6	3.85	123	
0.575	29300	1530	<DL	19100	7.43	17.4	81.3	1030	3.95	8.45	0.263	41.8	0.11	0.072	45.6	<DL	4.81	1.33	202	<DL	1.12	2.35	10000	0.239	0.569	383	<DL	33.9	3.92	130	
0.565	26500	1490	<DL	18800	7.51	17.6	77.1	1000	4.09	8.78	0.249	38.3	0.128	<DL	42.8	<DL	4.99	1.3	201	<DL	1.11	2.37	9780	0.233	0.563	364	0.819	33.6	3.79	129	
0.561	24700	1410	<DL	19000	7.55	17.6	73.2	961	4.07	8.98	0.239	35.5	0.14	0.076	40.4	<DL	4.69	1.34	205	<DL	1.1	2.46	9310	0.198	0.592	343	<DL	33	3.71	122	
0.542	24200	1360	<DL	19200	7.12	17.4	70.9	861	4.41	9.31	0.216	37.6	0.126	0.155	39.1	<DL	4.59	1.52	197	<DL	1.07	2.31	8810	0.213	0.552	334	0.843	31.8	3.78	124	

32838	A14-1096-035	GMI14-890	54900	1.25	<DL	197	0.362	<DL	53900	2.02	30.8	49.6	90.3	0.778	158	6.22	4.04	1.94	94300	22.6	6.61	0.106	7500	13	11.4
32839	A14-1096-036	GMI14-891	56300	1.11	<DL	202	0.384	<DL	55100	1.88	30.3	50.5	101	0.688	162	6.17	4.02	2.01	96700	22.7	6.53	0.096	7820	12.9	13.2
32840	A14-1096-037	GMI14-892	55900	1.24	<DL	213	0.338	<DL	53100	1.69	26.7	46.5	115	0.661	143	5.59	3.62	1.86	86800	21.8	5.67	0.094	8730	11.4	10.9
32841	A14-1096-038	GMI14-893	56200	1.15	<DL	212	0.324	<DL	54900	1.59	27.1	49.6	119	0.545	146	5.61	3.65	1.82	91300	22.3	5.69	0.081	8860	11.5	11.3
32842	A14-1096-039	GMI14-894	54700	0.946	<DL	228	0.325	<DL	54800	1.82	26.6	47.2	117	0.649	136	5.5	3.67	1.89	86800	22.3	5.75	0.095	9140	11.3	11
32843	A14-1096-040	GMI14-895	60000	1.23	<DL	252	0.289	<DL	58600	1.56	23.1	49.8	122	0.485	142	4.78	3.13	1.81	86800	22.6	5.17	0.087	10600	10.5	11.2
32844	A14-1096-041	GMI14-896	54400	0.772	<DL	265	0.238	<DL	52900	1.42	21.6	48.9	93.3	0.46	161	4.63	2.94	1.89	84400	22.9	4.9	0.091	10700	9.13	9.58
32845	A14-1096-042	GMI14-897	56600	0.644	<DL	277	0.269	<DL	53600	1.44	21.2	49.7	90.3	0.539	175	4.69	3.11	1.93	88400	23.1	4.83	0.1	10800	9.33	9.64
32846	A14-1096-043	GMI14-898	54600	1.25	<DL	229	0.333	<DL	51000	1.7	28.3	48.8	85.8	0.556	159	5.66	3.8	1.92	91100	23.2	5.95	0.095	8720	11.9	13.6
32847	A14-1096-044	GMI14-899	59400	1.44	<DL	261	0.377	<DL	54500	1.84	30.1	49.8	80.1	0.773	161	6.2	4.03	2.14	94600	24.2	6.57	0.104	9670	13.4	13.2
32848	A14-1096-045	GMI14-900	56500	1.28	<DL	263	0.411	<DL	52200	2.05	30.9	48.8	71.4	0.72	160	6.24	4.08	2.2	93000	24.3	6.78	0.101	9230	12.9	10.7
32849	A14-1096-046	GMI14-901	58500	1.67	<DL	225	0.443	<DL	54200	2.01	32.1	51.2	79.9	0.592	163	6.4	4.08	2.1	99900	23.6	6.86	0.105	7970	14.3	13.5
32850	A14-1096-047	GMI14-902	52600	1.42	<DL	57	0.324	<DL	40400	1.29	20.7	49.7	24.3	0.353	53.4	7.34	4.79	1.82	88800	19.3	6.52	0.087	2040	7.63	8.06
40001	A14-1097-001	GMI14-903	73000	1.84	1.49	211	0.822	<DL	66000	2.25	30.8	50.5	86.1	0.564	157	6.6	4.16	2.1	118000	24.2	6.19	0.098	8860	14.5	25.5
40002	A14-1097-002	GMI14-904	71900	1.4	1.36	190	0.757	<DL	64300	2.62	29.3	50.8	94.7	0.555	161	6.31	4.03	1.99	116000	23.5	6.15	0.092	7990	13.7	25.4
40003	A14-1097-003	GMI14-905	69200	1.5	1.28	280	0.431	<DL	65000	1.09	16.7	54.1	217	0.5	160	3.49	2.33	1.75	95500	22.7	3.41	0.051	13100	7.79	19.5
40004	A14-1097-004	GMI14-906	74300	1.04	1.23	285	0.448	<DL	68300	0.911	15.4	54.8	194	0.466	161	3.29	2.06	1.64	95800	23.1	3.18	<DL	14100	7.5	20.9
40005	A14-1097-005	GMI14-907	76800	1.23	1.21	292	0.517	<DL	71500	1.07	17.7	61	185	0.434	184	3.59	2.35	1.73	110000	25.6	3.3	<DL	15300	8.24	19.9
40006	A14-1097-006	GMI14-908	80300	1.19	1.19	284	0.487	<DL	72200	1.14	18.2	60	191	0.602	173	3.86	2.52	1.77	108000	24.7	3.72	0.053	14900	8.61	19.6
40007	A14-1097-007	GMI14-909	76000	2.2	1.19	350	0.529	<DL	66800	1.46	19.5	57.7	180	0.616	173	3.99	2.69	2.11	108000	26.6	4.02	0.062	14300	9.36	21
40008	A14-1097-008	GMI14-910	66400	2.78	1.19	160	0.805	<DL	60400	2.02	28.2	59.1	85.4	0.496	177	5.62	3.63	1.88	125000	23.2	5.64	0.087	5620	13	25.6
40009	A14-1097-009	GMI14-911	74100	3.92	1.21	78.1	0.832	<DL	56300	1.88	27.4	66.2	93.7	0.51	195	5.63	3.64	1.54	143000	20.5	5.46	0.075	3490	12.9	32.8
40010	A14-1097-010	GMI14-912	76800	3.05	1.19	102	0.821	<DL	54400	2.04	28.7	61.1	68.3	0.593	202	5.66	3.71	1.71	134000	21.9	5.75	0.09	4780	13.5	34
40011	A14-1097-011	GMI14-913	66200	3.67	1.15	163	0.819	<DL	48100	1.72	23.7	64.4	89.1	0.551	217	4.77	3.2	1.66	133000	21.9	4.82	0.08	6740	11.1	35.1
40012	A14-1097-012	GMI14-914	73900	2.93	1.16	115	1.04	<DL	57900	1.36	19	59.1	119	0.405	195	4	2.69	1.31	115000	20.3	3.93	0.054	5370	8.97	36.1
40013	A14-1097-013	GMI14-915	71700	2.47	1.13	212	0.59	<DL	59900	1.84	22.1	60.1	144	0.382	189	4.36	2.75	1.66	115000	23.5	4.25	<DL	8420	10	30.6
40014	A14-1097-014	GMI14-916	73300	2.34	1.15	307	0.635	<DL	51900	1.95	24	55.1	118	0.589	180	4.65	2.95	2.15	110000	26	4.81	0.05	8880	10.7	31
40015	A14-1097-015	GMI14-917	70000	2.52	1.16	125	0.845	<DL	44300	2.08	27.3	55.7	76.9	0.453	184	5.45	3.4	1.64	120000	20.8	5.43	0.055	4320	12.1	32.7
40016	A14-1097-016	GMI14-918	67100	2.83	1.21	57.3	1.04	<DL	46900	3.14	35.9	54.9	58.3	0.413	185	6.88	4.6	1.86	125000	19.5	7.24	0.085	2470	16.5	27.9
40017	A14-1097-017	GMI14-919	69100	3.39	1.17	198	1.01	<DL	57100	2.46	23.7	59.8	89.7	0.426	219	4.7	3.29	1.93	119000	23.3	4.98	0.071	6660	11.2	31.3
40018	A14-1097-018	GMI14-920	72800	2.55	1.2	82	1.02	<DL	46200	2.22	25.4	61.3	102	0.377	217	4.99	3.28	1.39	127000	19.5	5.13	0.084	3850	12.2	39.9
40019	A14-1097-019	GMI14-921	65900	2.36	1.18	76.8	0.861	<DL	44300	7.35	34.6	53.6	95	0.177	191	5.78	3.87	1.7	112000	18.8	6.42	0.087	3480	15.7	30.6
40020	A14-1097-020	GMI14-922	65300	2.28	1.17	168	0.85	<DL	45400	3.59	37.8	50	95.2	0.336	141	6.76	4.6	2.16	111000	22.4	7.64	0.092	6910	16.6	24.3
40021	A14-1097-021	GMI14-923	69700	2.65	1.18	335	0.773	<DL	49900	3.16	35.4	53.1	108	0.451	151	6.26	4.12	2.83	114000	28.3	7.09	0.087	11900	15.9	19.5
40022	A14-1097-022	GMI14-924	67800	1.97	1.18	281	0.747	<DL	47300	4.39	27.8	51.3	134	0.41	149	5.19	3.45	2.31	108000	25.2	5.88	0.08	9910	12.9	23
40023	A14-1097-023	GMI14-925	66000	1.93	1.11	153	0.837	<DL	46400	4.33	26.1	57.8	112	0.335	164	4.84	3.11	1.71	115000	21.2	5.19	0.069	6410	12	28.4
40024	A14-1097-024	GMI14-926	72800	2.12	1.17	252	0.695	<DL	50800	2.58	27.6	58.5	102	0.465	187	5.29	3.45	2.18	121000	24.3	5.8	0.073	9500	13	26.7
40025	A14-1097-025	GMI14-927	67200	2.63	1.16	53.5	0.599	<DL	46600	1.47	19.5	49.5	24.5	0.31	68.3	7.25	4.7	1.87	103000	19.3	6.25	0.088	2090	7.66	14.2
40026	A14-1097-026	GMI14-928	66800	3.01	1.51	236	0.693	<DL	55100	2.14	25.5	61.4	110	0.334	201	4.9	3.17	2.13	123000	24.5	5.02	0.07	10300	11.2	22.3
40027	A14-1097-027	GMI14-929	72400	3.44	1.26	254	0.637	<DL	55400	2.16	26.6	59.7	96.4	0.396	198	5.08	3.29	2.18	122000	25.4	5.46	0.079	10900	11.4	22.1
40028	A14-1097-028	GMI14-930	73700	3.51	1.23	259	0.703	<DL	55300	2.19	27.6	60.4	88.1	0.589	201	5.22	3.43	2.29	125000	26	5.73	0.067	10200	11.8	23.6
40029	A14-1097-029	GMI14-931	75600	3.47	1.23	337	0.628	<DL	55500	2.33	24.6	56.3	117	0.447	180	4.78	2.89	2.68	111000	28	5.22	0.078	12800	10.6	22.4
40030	A14-1097-030	GMI14-932	76200	2.07	1.22	279	0.674	<DL	52200	2.16	22.1	51.8	116	0.315	174	4.26	2.63	2.31	99400	24.5	4.89	0.066	9270	10.3	28.5
40031	A14-1097-031	GMI14-933	75900	2.19	1.21	310	0.549	<DL	47300	1.95	20.3	47.8	102	0.27	155	3.72	2.48	2.32	94500	25.3	4.38	0.074	10300	9.07	31.2
40032	A14-1097-032	GMI14-934	75400	1.36	1.16	406	0.66	<DL	49100	1.76	19.7	53.8	142	0.326	172	3.74	2.42	2.68	101000	28.1	4.26	<DL	13400	9.12	33.5
40033	A14-1097-033	GMI14-935	78600	1.78	1.14	328	0.993	<DL	54600	2.1	21	52.3	133	0.455	165	4.12	2.64	2.42	96700	26.8	4.54	<DL	11600	9.01	37
40034	A14-1097-034	GMI14-936	84000	1.7	1.12	403	0.633	<DL	59600	2.45	19.2	55.9	138	0.481	179	3.87	2.48	2.54	102000	29.1	4.16	0.068	14400	8.67	35.5
32805	A14-1098-001	GMI14-937	72000	2.53	1.18	89.1	0.394	<DL	62100	2.31	17.4	34.7	64.2	0.191	119	6.94	4.64	1.69	110000	19.6	5.84	0.109	3490	6.36	10.2
32806	A14-1098-002	GMI14-938	57400	2.63	1.18	737	0.384	0.601	23700	4.01	26.6	23.8	206	0.631	149	2.8	1.99	4.17	38900	35.9	4.7	0.779	16400	11.2	6.64
32807	A14-1098-003	GMI14-9																							

0.559	23400	1340	<DL	17700	7.29	17.9	71.8	818	3.74	10.4	0.221	41.7	0.136	<DL	38.9	<DL	4.78	1.24	210	<DL	1.11	2.37	8730	0.237	0.539	337	<DL	32.4	3.81	121
0.563	24200	1370	<DL	18500	7.23	17.3	73.7	880	4.07	10.1	0.189	41.4	0.148	0.077	40.1	<DL	4.87	1.35	214	<DL	1.12	2.34	8900	0.235	0.542	356	<DL	32.2	3.86	121
0.501	23400	1250	<DL	16800	6.32	15.3	68.1	729	3.26	9.23	0.215	46.5	0.149	<DL	36.7	<DL	4.22	1.16	213	<DL	0.98	2.07	7960	0.252	0.469	324	<DL	28.3	3.37	110
0.502	25500	1330	<DL	17200	6.46	15.5	77.8	874	3.66	8.82	0.218	45.1	0.135	0.071	39.5	<DL	4.26	1.22	204	<DL	0.995	2.1	8130	0.258	0.479	333	<DL	28.7	3.38	114
0.498	25200	1270	<DL	16800	6.3	15.3	74.4	739	3.58	9.63	0.206	48.9	0.149	<DL	38.1	<DL	4.17	1.08	215	<DL	0.993	2.07	7550	0.257	0.451	315	<DL	28.5	3.43	114
0.424	28400	1300	<DL	17600	5.49	13.3	85.5	822	3.42	8.09	0.229	50.2	0.137	0.085	39.2	<DL	3.56	1.03	217	<DL	0.876	1.75	7200	0.282	0.419	322	<DL	25.3	2.9	106
0.42	23800	1220	<DL	15200	5.07	12.5	80.4	663	3.1	8.92	0.164	51.1	0.16	<DL	36.4	<DL	3.47	0.964	218	<DL	0.835	1.62	7280	0.277	0.366	339	<DL	23	2.9	104
0.425	25300	1260	<DL	16300	5.19	12.3	75.7	704	3	8.48	0.228	54.3	0.147	<DL	39.1	<DL	3.41	0.96	221	<DL	0.829	1.59	8150	0.317	0.377	386	<DL	23.9	2.95	106
0.526	23600	1290	<DL	18700	6.7	16	71.4	935	3.89	10.2	0.185	45.7	0.158	<DL	38.4	<DL	4.39	1.21	231	<DL	1.02	2.13	8450	0.242	0.497	337	<DL	30.1	3.56	114
0.58	24700	1350	<DL	20000	7.28	17.6	77.6	1040	3.4	9.95	0.288	50.6	0.143	<DL	40.5	<DL	4.66	1.32	228	<DL	1.11	2.33	8810	0.278	0.518	352	<DL	32.6	3.79	116
0.58	23900	1330	<DL	18100	7.23	17.7	69.5	991	3.58	11.1	0.239	50	0.157	<DL	39.3	<DL	4.85	1.3	215	<DL	1.13	2.35	8470	0.249	0.514	343	<DL	32.6	3.86	119
0.556	24500	1410	<DL	23000	7.68	18.1	69.8	1190	3.56	9.95	0.252	36.6	0.15	0.082	39.8	<DL	4.97	1.4	225	<DL	1.15	2.47	9310	0.215	0.563	367	<DL	33.2	3.85	124
0.629	22000	1720	<DL	30500	5.85	15.6	56.7	2250	3.61	9.46	0.218	15	0.072	<DL	47	<DL	5.1	0.801	89.7	<DL	1.26	<DL	16000	<DL	0.145	421	0.891	35.6	4.4	137
0.578	30300	1430	<DL	26700	7.71	18.4	74.3	495	3.12	10.4	0.244	35.6	0.127	<DL	36.7	0.75	4.93	1.59	238	<DL	1.15	2.44	9170	0.216	0.554	339	1.49	34.1	3.75	130
0.529	31400	1380	<DL	24500	7.31	17.4	75.1	489	3.93	10.2	0.247	30.6	0.12	<DL	37.1	<DL	4.82	1.43	203	<DL	1.16	2.26	8830	0.167	0.533	335	1.23	32.8	3.71	162
0.283	35300	1210	<DL	16400	4.06	9.88	118	<DL	2.44	7.22	0.093	39.5	0.131	<DL	33.1	<DL	2.53	0.88	204	<DL	0.621	1.22	4760	0.271	0.263	239	0.949	17.5	2.01	106
0.267	38500	1230	<DL	16600	3.95	8.92	122	95	2.36	6.98	0.073	44.8	0.13	<DL	35.1	<DL	2.44	0.766	206	<DL	0.562	1.21	4800	0.265	0.243	247	0.89	17.4	1.93	104
0.291	37400	1360	<DL	17400	4.5	10.1	127	326	2.94	7.47	0.1	46.4	0.138	<DL	37.6	<DL	2.82	0.76	224	<DL	0.644	1.38	6020	0.287	0.293	312	0.823	19.3	2.23	115
0.324	42100	1340	<DL	17900	4.5	10.5	124	411	2.32	8.09	0.147	54.3	0.135	<DL	39.5	<DL	2.79	0.842	227	<DL	0.677	1.43	5830	0.293	0.303	291	0.811	20.7	2.31	114
0.342	38200	1380	<DL	19100	4.95	11.4	111	350	2.77	8.81	0.129	50.5	0.157	<DL	37.3	<DL	2.9	0.996	240	<DL	0.732	1.49	5920	0.288	0.31	267	<DL	21.7	2.48	117
0.471	30600	1630	<DL	24400	6.96	16	88.3	451	6.87	11.6	0.168	20.2	0.2	<DL	36.2	<DL	4.08	1.37	253	<DL	1.02	2.15	8500	0.114	0.465	342	0.882	27.8	3.29	126
0.49	37400	1890	<DL	35400	7.17	16	89.5	886	9.95	11.1	0.21	12.4	0.185	<DL	42.2	<DL	4.23	1.6	306	<DL	1.02	2.12	9840	0.09	0.487	374	0.926	29.2	3.28	139
0.512	33900	1860	<DL	34300	7.1	16.5	78.8	908	19.4	11.8	0.216	18.7	0.204	<DL	39.1	<DL	4.13	1.34	310	<DL	1.02	2.25	9240	0.078	0.514	369	0.844	29.4	3.39	132
0.383	34600	1910	<DL	27800	6.07	13.7	90.1	582	5.81	10.6	0.158	23.3	0.196	<DL	38.2	<DL	3.52	1.19	281	<DL	0.889	1.69	9620	0.15	0.402	400	<DL	23.6	2.79	132
0.325	36200	1620	<DL	30400	5.11	10.9	101	641	24.2	8.01	0.132	17.1	0.139	<DL	33.2	<DL	3.08	0.992	216	<DL	0.715	1.43	7190	0.099	0.353	323	0.82	20	2.39	122
0.367	34100	1680	<DL	28800	5.53	12.3	110	712	17.6	10.3	0.182	25	0.207	<DL	34	<DL	3.28	0.937	306	<DL	0.811	1.56	6840	0.156	0.381	298	<DL	21.4	2.46	138
0.412	32100	1590	<DL	29200	5.66	13.5	93.9	560	9.87	12.3	0.166	28.9	0.269	<DL	33.3	<DL	3.5	1.04	357	<DL	0.865	1.71	6750	0.173	0.399	290	<DL	23.1	2.69	154
0.467	31000	1670	<DL	33100	6.71	15.8	80.5	689	8.06	11.7	0.182	15.8	0.182	<DL	34	<DL	4.17	1.21	238	<DL	0.991	2	7910	0.093	0.494	315	<DL	26.6	3.17	124
0.612	30200	1860	<DL	35700	8.83	20.1	66	906	30.2	13.2	0.237	9.77	0.152	<DL	37.1	<DL	5.46	1.3	188	<DL	1.28	2.73	9000	0.061	0.666	298	<DL	34.2	4.05	146
0.42	31400	1770	<DL	27200	5.9	13.8	90.4	657	42.1	10.4	0.216	21.9	0.16	<DL	34.5	<DL	3.57	1.18	223	<DL	0.906	1.77	7890	0.145	0.384	350	<DL	22.9	2.94	174
0.408	37000	1870	<DL	33200	6.49	14.1	97.3	963	34.8	8.87	0.244	13.1	0.105	<DL	34.6	<DL	3.81	1.15	177	<DL	0.871	1.81	8140	0.075	0.434	337	<DL	24.1	2.9	175
0.48	28900	1770	<DL	34800	7.76	19.1	88.5	1160	20.9	10.9	0.219	11.1	0.165	<DL	29	<DL	4.91	1.31	204	<DL	1.13	2.35	6890	0.078	0.56	239	<DL	27.1	3.39	724
0.58	27200	1800	<DL	30800	9.01	21.4	81.5	1070	37.5	15.2	0.28	23.6	0.233	<DL	30.1	<DL	5.52	1.6	283	<DL	1.35	2.75	6330	0.137	0.634	177	<DL	33	3.99	176
0.54	28100	1900	<DL	26800	8.14	19.4	86.2	962	12.3	15	0.242	38.3	0.253	<DL	31.9	<DL	4.84	1.43	296	<DL	1.23	2.52	6390	0.22	0.595	163	<DL	30.6	3.77	144
0.433	30000	2010	<DL	28200	6.71	15.6	96.1	867	18.9	12	0.244	32.3	0.215	0.092	31.3	<DL	4.09	1.31	264	<DL	0.955	2.07	6630	0.205	0.544	226	1.46	25	3.02	441
0.414	32600	2120	<DL	29500	6.42	14.8	102	1010	47.5	10.1	0.183	17.3	0.167	<DL	31.5	<DL	3.77	1.26	221	<DL	0.911	1.86	7560	0.117	0.478	294	1.01	22.2	2.68	508
0.424	33400	2020	<DL	31200	6.87	15.6	94.5	1080	55.2	12	0.245	28.3	0.224	<DL	35.2	<DL	4.12	1.34	294	<DL	1.03	1.9	8130	0.179	0.449	329	0.875	24.8	3.02	193
0.61	28600	1690	<DL	38300	5.86	15.5	63.5	2420	3.35	12.3	0.134	14.2	0.065	<DL	44.7	<DL	4.96	0.89	89.6	<DL	1.3	<DL	15800	<DL	0.141	439	0.857	34.9	4.19	141
0.419	31400	1770	<DL	25200	7.79	15	113	1080	16.4	11.7	0.157	29.3	0.212	<DL	34.6	<DL	3.72	1.31	263	<DL	0.923	1.86	8190	0.193	0.416	348	1.42	22.9	2.86	156
0.41	31500	1570	<DL	27600	6.52	14.9	104	1140	6.67	12.8	0.212	33.4	0.253	<DL	35.6	<DL	4.06	1.27	287	<DL	0.951	1.79	8300	0.204	0.389	358	1.02	23.5	3.03	147
0.461	32400	1570	<DL	28200	6.74	15.3	99.7	1220	5.26	13.9	0.2	33.4	0.268	<DL	36.6	<DL	3.99	1.21	313	<DL	0.968	1.87	8510	0.212	0.429	360	1	25	2.97	140
0.429	29700	1450	<DL	26700	5.72	13.9	101	987	18.7	14.2	0.183	38.3	0.303	<DL	32.9	<DL	3.51	1.13	325	<DL	0.86	1.61	7280	0.275	0.392	301	0.867	21.8	2.74	135
0.323	27800	1460	<DL	30700	5.42	12.2	99.6	1050	9.8	11.8	0.2	24.5	0.26	<DL	29	<DL	3.24	1.09	279	<DL	0.766	1.34	6680	0.14	0.369	268	0.916	18.8	2.43	118
0.299	26800	1430	<DL	29100	5.02	11.3	86.4	956	35.5	11.5	0.121	27.3	0.264	<DL	27.4	<DL	2.96	1.1	287	<DL	0.714	1.31	6220	0.138	0.317	254	0.91	1		

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
32828	A14-1096-025	GMI14-880	58700	0.794	<DL	220	0.389	<DL	58000	1.39	26.9	52.4	92.4	0.668	163	5.67	3.65	1.84	100000	23.6	5.42	0.093	9320	11.4	10.7
		GMI14-880 DUP	58400	1.17	<DL	225	0.359	<DL	57500	1.51	28.3	52.1	92.2	0.828	164	5.86	3.78	1.95	99300	23.9	5.73	0.088	9140	11.6	10.6
32850	A14-1096-047	GMI14-902	52600	1.42	<DL	57	0.324	<DL	40400	1.29	20.7	49.7	24.3	0.353	53.4	7.34	4.79	1.82	88800	19.3	6.52	0.087	2040	7.63	8.06
		GMI14-902 DUP	55500	1.95	<DL	55.4	0.344	<DL	41100	1.16	19.9	48.8	24.3	0.432	51.1	7.06	4.66	1.84	88100	18.9	6.34	0.094	2060	7.59	8.62
40025	A14-1097-025	GMI14-927	67200	2.63	1.16	53.5	0.599	<DL	46600	1.47	19.5	49.5	24.5	0.31	68.3	7.25	4.7	1.87	103000	19.3	6.25	0.088	2090	7.66	14.2
		GMI14-927 DUP	70500	2.27	1.13	53.4	0.687	<DL	49400	1.21	19.1	54.3	27.2	0.196	77.5	7.12	4.44	1.78	112000	20.4	5.69	0.089	2300	7.61	14.3
40957	A14-1098-011	GMI14-947	81300	2.83	1.08	76.9	0.432	<DL	59000	1.64	13.6	47.9	119	0.314	115	5.57	3.5	1.73	124000	20	4.83	0.109	5260	5.19	21
		GMI14-947 DUP	81600	2.88	1.05	73.2	0.401	<DL	58900	1.5	14	49.1	118	0.287	121	5.46	3.76	1.72	124000	20.2	4.79	0.074	5160	5.1	20.8

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2560	2.43							19500			214000				14000						
		CRM PTM-1a #2		2540	2.98							19000			213000				13400						
		CRM PTM-1a #3		2040	4.04							18300			203000				14900						
		CRM PTM-1a #4		2080	3.63							18000			202000				17100						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	39500	5.65		352	0.303	2.27	21600	3.47	32.6	603	316	0.299	9600	1.38	0.817	1.46	226000	17.9	3.41		6330	16	
		CRM SU-1b #2	38600	6.6		366	0.295	2.1	21100	3.52	33.3	603	314	0.331	9720	1.43	0.872	1.68	220000	18.9	4.17		6360	16.8	
		CRM SU-1b #3	52700	6.16		344	0.565	2.25	25800	4.23	32.2	660	332	0.291	9990	1.44	0.863	1.95	273000	21.1	4.17		7660	16.7	
		CRM SU-1b #4	53400	7.43		347	0.496	2.25	25300	4.79	35.5	657	326	0.29	10000	1.68	1.05	2.4	269000	21.6	5.26		7520	17	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	47300	22.1		116		36.2	21500	9.49		151	180	0.461	2070				189000	42		1.58	4870	7.31	9.29
		CRM RTS-3a #2	44100	19.5		118		36.7	20200	10.1		143	170	0.478	2000				177000	39.5		1.59	4700	7.66	7.96
		CRM RTS-3a #3	57700	19.1		111		32	23400	11		140	168	0.44	1990				208000	40.1		1.62	5270	7.66	14.6
		CRM RTS-3a #4	65900	19.7		114		31.2	25100	11.3		146	177	0.481	2140				217000	41.1		1.67	5730	7.59	17.5
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	54600	22		637	0.868		15600	1.84	89.9	31	69.9	2.33	36.4	4.86		2.85	35600				17500	45.8	15
		CRM LKSD-3 #2	63800	17.9		622	1.38		17600	2.29	85.8	29.2	68.6	2.39	36.3	4.88		3.16	40800				19600	47.6	24.4
		CRM LKSD-3 #3	70300	20.8		626	1.49		18300	2.83	89.6	30.7	68.7	2.43	43.9	5.03		4.05	41000				20700	48.3	25.8
		CRM LKSD-3 #4	74300	19.4		628	1.39		18000	3.45	87.6	29.6	66.5	2.48	43.3	5.08		4.5	39300				20900	46.8	29.9





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.86	10.9		9.02	10		9.38	9.74			9.79		9.74	9.79	9.82		9.25	9.73	9.42		9.76	8.89
		Spike #4		10.2	11		6.11	10.7		8.75	10.5			9.86		9.71	9.5	9.75		8.98	10.9	9.19		9.74	5.32
		Spike #7		9.27	7.55		9.51	9.86		10.1	10.1			10		10.1	9.83	10		9.8	10.1	9.99		10	9.39
		Spike #10		8.69	8.18		9.08	9.71		10	10.5			10.6		10.1	10	10.3		9.07	12.7	9.91		10.2	9.42
		Actual Spike Values:				100						100	100		100										
		Spike #2				114						110	104		103										
		Spike #5				84.6						85.5	81.6		81.2										
		Spike #8				101						101	96.9		97.2										
		Spike #11				81.8						81.7	78.3		80.1										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	9980						9810										9880				10100		
		Spike #6	8030						8490										8790				9020		
		Spike #9	10400						10100										9770				10500		
		Spike #12	12600						11300										13000				12300		



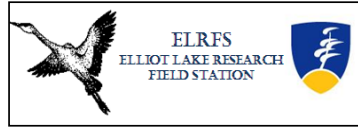
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-016

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
Swastika Laboratories Ltd  
Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0  
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**Batch: 14-1181 (52) & 14-1203 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Oct 22 - Dec 11, 2014 / Troy Maki  
Submission Date: 2014 12 18

**Dr. Graeme Spiers - ELRFS Director**

**QC Note:** The last 25% of this batch does not contain Sc results due to QC failure. Much higher than normal values were seen possibly due to calcium hydride formation post plasma.  
There is no other isotope for Sc to measure.

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.04	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
40035	A14-1181-001	GMI14-948	66300	1.91	1.06	601	0.838	<DL	58000	0.97	23.1	53.1	143	0.494	175	4.19	2.62	1.9	107000	32.2	3.96	0.077	11600	12.2	31.9
40036	A14-1181-002	GMI14-949	64000	2.37	0.672	581	0.695	<DL	54000	1.09	23.7	55.9	149	0.35	189	4.12	2.66	1.9	111000	33.3	4.15	0.067	12700	12.4	32.5
40037	A14-1181-003	GMI14-950	67700	3.37	0.51	578	0.586	<DL	61800	1.1	24.1	56.7	145	0.414	194	4.38	2.75	2	115000	33.4	4.35	0.075	15900	12.1	21.9
40038	A14-1181-004	GMI14-951	71000	2.28	<DL	460	0.576	<DL	66700	1.14	25.8	60.4	146	0.385	207	4.74	2.93	1.9	121000	31.7	4.54	0.082	16400	12.6	18.9
40039	A14-1181-005	GMI14-952	63500	1.42	<DL	371	0.548	<DL	62200	1.05	24.3	57.7	140	0.431	195	4.36	2.82	1.72	113000	28.1	4.32	0.073	14000	11.7	17.7
40040	A14-1181-006	GMI14-953	58800	1.05	<DL	217	0.498	<DL	61900	1.17	22.7	54.4	123	0.309	189	4.07	2.59	1.43	103000	22.3	4.07	0.069	8440	10.8	19.3
40041	A14-1181-007	GMI14-954	64500	0.934	<DL	307	0.515	<DL	61300	1	24.5	56.4	133	0.313	195	4.34	2.77	1.64	110000	26.2	4.37	0.071	13400	11.5	16.9
40042	A14-1181-008	GMI14-955	64200	1.11	<DL	277	0.551	<DL	62600	1.04	26	59.9	133	0.291	201	4.58	2.79	1.63	117000	25.8	4.57	0.073	12000	12.2	17.8
40043	A14-1181-009	GMI14-956	59900	0.795	<DL	266	0.483	<DL	56600	0.964	23.7	54.8	132	0.33	181	4.08	2.61	1.49	105000	24.4	4.26	0.061	11800	10.8	16.3
40044	A14-1181-010	GMI14-957	61900	1.18	<DL	251	0.486	<DL	61400	1.05	23.6	60.3	164	0.297	196	4.07	2.53	1.48	112000	24.7	4.25	0.056	11100	11	17.8
40045	A14-1181-011	GMI14-958	59200	1.02	<DL	268	0.455	<DL	57200	0.968	22.7	56.7	135	0.336	183	3.86	2.42	1.51	105000	24.3	4.16	0.056	11800	10.5	16.1
40046	A14-1181-012	GMI14-959	59200	0.997	<DL	243	0.522	<DL	58700	0.966	22.9	56.4	140	0.275	202	3.89	2.47	1.47	106000	23.7	4.13	0.058	10900	10.6	16.3
40047	A14-1181-013	GMI14-960	63300	1.1	<DL	271	0.468	<DL	61600	0.942	23.4	58	139	0.306	185	4.09	2.67	1.56	107000	24.9	4.23	0.066	13000	10.8	16.9
40048	A14-1181-014	GMI14-961	63700	1.09	<DL	323	0.494	<DL	62700	1.05	24.9	61.9	166	0.325	199	4.3	2.66	1.72	113000	27.4	4.5	0.059	14400	11.4	15.4
40049	A14-1181-015	GMI14-962	62700	1.52	<DL	335	0.49	<DL	62900	0.999	24	62.3	170	0.328	199	4.14	2.58	1.7	113000	27.9	4.4	0.069	13500	11.1	16.1
40050	A14-1181-016	GMI14-963	57000	1.97	<DL	41.3	0.338	<DL	56000	0.519	9.56	59.9	19.1	0.093	51.5	4.21	2.71	1.25	154000	19.4	3.45	0.076	2340	3.46	7.95
40051	A14-1181-017	GMI14-964	56700	1.27	<DL	300	0.444	<DL	55000	1.02	23.5	59.4	145	0.266	191	3.82	2.41	1.6	108000	25.4	4.15	0.054	11000	10.7	17.8
40052	A14-1181-018	GMI14-965	56100	1.16	<DL	301	0.432	<DL	56400	0.98	23.2	59.4	148	0.231	189	3.84	2.34	1.59	107000	25.9	4.13	0.067	10700	10.6	18.7
40053	A14-1181-019	GMI14-966	59700	1.25	<DL	331	0.449	<DL	54800	0.939	23.1	59.1	146	0.326	188	3.85	2.48	1.7	107000	27.2	4.32	0.058	12000	10.5	20.5
40054	A14-1181-020	GMI14-967	58500	1.53	<DL	147	0.673	<DL	61100	1.22	24.5	62.6	140	0.221	167	4.01	2.54	1.31	113000	21.7	4.39	0.076	4990	11.2	22
40055	A14-1181-021	GMI14-968	54700	1.52	<DL	277	0.44	<DL	52300	1.01	23	59	150	0.295	184	3.78	2.36	1.52	105000	24.5	4.16	0.069	9750	10.5	19.4
40056	A14-1181-022	GMI14-969	56300	1.27	<DL	316	0.449	<DL	57300	1.05	23.2	58.5	167	0.331	189	3.88	2.39	1.63	105000	26.3	4.2	0.061	12100	10.5	15.8
40057	A14-1181-023	GMI14-970	55500	0.897	<DL	281	0.426	<DL	58100	1.01	22.8	57.4	160	0.283	185	3.75	2.36	1.55	102000	25	4.13	0.063	11300	10.2	16.5
40058	A14-1181-024	GMI14-971	57900	1.54	<DL	268	0.444	<DL	60800	1.06	23.7	61.5	155	0.339	197	4.08	2.5	1.55	109000	25.2	4.34	0.064	10600	10.8	18.7
40059	A14-1181-025	GMI14-972	57500	1.11	<DL	196	0.414	<DL	60500	1.06	22.8	58.3	144	0.328	174	3.76	2.36	1.41	103000	22.2	4.18	0.064	7340	10.4	19.6
40060	A14-1181-026	GMI14-973	55200	1.28	0.658	271	0.456	<DL	55500	1.15	23.3	58.1	136	0.33	184	3.87	2.47	1.56	103000	23.9	4.39	0.068	8970	10.9	18.6
40061	A14-1181-027	GMI14-974	63500	2.31	0.558	335	0.808	<DL	57100	2.09	44.3	54.2	81.8	0.7	184	6.7	4.36	2.36	122000	29.7	7.76	0.093	9890	20.5	14.9
40062	A14-1181-028	GMI14-975	61400	1.76	<DL	345	0.637	<DL	59100	1.64	34	56.3	116	0.347	189	5.34	3.42	2.1	113000	28.8	6.08	0.077	12500	15.5	14
40063	A14-1181-029	GMI14-976	60000	1.19	<DL	292	0.473	<DL	61800	1.29	25.1	59.1	146	0.221	198	4.15	2.64	1.71	106000	26	4.55	0.077	14400	11.4	14
40064	A14-1181-030	GMI14-977	62300	1.13	<DL	279	0.499	<DL	64000	1.3	25.8	61.5	144	0.259	205	4.33	2.75	1.69	110000	26.1	4.82	0.069	14200	12	14.3
40065	A14-1181-031	GMI14-978	61000	1.29	<DL	275	0.448	<DL	60900	1.23	25	59.3	136	0.251	201	4.37	2.76	1.74	107000	25.5	4.68	0.067	14400	11.6	13.7
40066	A14-1181-032	GMI14-979	60200	1.63	<DL	304	0.431	<DL	60100	1.26	24.2	59.2	147	0.241	199	4.16	2.69	1.73	106000	26.5	4.53	0.065	15200	11.2	14.1

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.342	33200	1660	<DL	19400	7.39	12.8	89	601	22.4	4.98	0.16	36.1	0.077	0.121	33.1	<DL	3.25	1.21	275	5.12	0.715	2.48	7480	0.23	0.579	306	1.19	21.7	2.31	116	
0.35	31800	1650	<DL	20800	6.14	13.2	94.2	702	17.5	4.98	0.148	37	0.069	0.108	31.7	<DL	3.38	1.16	261	<DL	0.727	2.13	7810	0.249	0.582	316	0.95	20.9	2.31	130	
0.374	31700	1590	<DL	17100	6.01	13.5	91.4	707	7.55	5.64	0.144	52.6	0.084	0.073	35.9	1.29	3.39	1.12	284	<DL	0.764	2.24	7990	0.313	0.582	333	<DL	23.1	2.5	115	
0.407	31600	1530	<DL	18300	6.26	14.2	96	781	4.08	6.01	0.147	52.8	0.096	<DL	37.3	0.729	3.71	1.1	309	<DL	0.813	2.29	8480	0.317	0.609	357	<DL	24	2.65	111	
0.383	29900	1410	<DL	16700	5.78	13.5	95	677	3.85	5.75	0.143	44.7	0.093	<DL	33.7	<DL	3.47	1.04	293	<DL	0.77	2.18	7940	0.284	0.555	327	<DL	22.2	2.51	101	
0.334	26800	1270	<DL	19100	5.41	12.6	94.4	586	5.91	5.55	0.124	27.2	0.09	<DL	29.2	<DL	3.29	0.945	281	<DL	0.696	1.97	7270	0.161	0.52	298	<DL	19.8	2.22	120	
0.37	28300	1400	<DL	18100	5.68	13.3	94.1	684	3.26	5.81	0.165	41.4	0.1	<DL	32.2	<DL	3.57	1.01	276	<DL	0.767	2.09	7820	0.261	0.555	325	<DL	21.4	2.48	91.4	
0.367	27700	1450	<DL	20000	6.05	14.4	99.2	798	3.85	6.44	0.164	36.3	0.115	<DL	31.1	0.742	3.7	1.09	347	<DL	0.791	2.15	8310	0.247	0.579	338	<DL	21.6	2.55	97.6	
0.328	26600	1320	<DL	16800	5.49	12.8	95.8	639	3.16	5.8	0.137	35.9	0.093	<DL	29.3	<DL	3.25	0.938	293	<DL	0.737	1.95	7420	0.269	0.515	305	<DL	19.4	2.21	87.2	
0.328	26400	1380	<DL	18000	5.52	12.9	112	713	5.09	5.79	0.138	30.6	0.099	<DL	28.9	<DL	3.39	0.997	305	<DL	0.724	1.89	7740	0.242	0.531	315	<DL	18.5	2.18	96.3	
0.313	27300	1320	<DL	15600	5.23	12.3	106	627	3.19	5.35	0.143	35.2	0.078	<DL	28.9	<DL	3.22	0.911	245	<DL	0.683	1.83	7210	0.243	0.495	298	<DL	18.8	2.2	87.6	
0.327	26800	1330	<DL	16800	5.32	12.4	102	659	4.73	5.79	0.146	33.5	0.09	<DL	29	<DL	3.17	0.984	274	<DL	0.709	1.97	7290	0.223	0.536	304	<DL	19	2.19	88.7	
0.351	31900	1300	<DL	16600	5.4	12.7	108	702	3.08	5.5	0.143	43.8	0.067	<DL	33.4	<DL	3.31	0.936	236	<DL	0.735	2.03	7440	0.243	0.496	316	<DL	21	2.43	82.5	
0.353	30300	1410	<DL	15600	5.73	13.4	117	736	3.14	5.7	0.169	41.4	0.078	<DL	31.8	<DL	3.54	1.03	247	<DL	0.754	2.07	7830	0.278	0.523	322	<DL	20.8	2.36	97.8	
0.335	30600	1420	<DL	16800	5.63	13.2	119	793	3.38	5.82	0.144	37.7	0.089	<DL	32.4	<DL	3.48	1.08	272	<DL	0.725	1.95	7780	0.266	0.526	323	<DL	20.1	2.29	98.6	
0.339	29000	1950	<DL	20900	3.19	8.21	13.5	1230	2.28	4.62	0.07	7.16	<DL	<DL	51	<DL	2.84	<DL	134	<DL	0.696	<DL	21500	<DL	<DL	636	<DL	21.7	2.36	112	
0.289	26400	1350	<DL	17100	5.45	12.6	116	724	3.21	5.73	0.16	28.7	0.095	<DL	27.8	<DL	3.33	0.919	270	<DL	0.694	1.83	7480	0.221	0.516	302	<DL	17.6	2.04	93.7	
0.31	25800	1360	<DL	16600	5.37	12.5	116	713	3.57	5.73	0.147	26.8	0.101	<DL	27.5	<DL	3.16	0.986	281	<DL	0.691	1.74	7330	0.225	0.494	301	<DL	17.3	2.04	93.1	
0.318	28300	1440	<DL	17800	5.33	12.7	114	703	3.02	5.99	0.16	34.5	0.1	<DL	30.1	<DL	3.21	0.927	274	<DL	0.711	1.82	7330	0.248	0.49	306	<DL	18.5	2.17	95.7	
0.306	26500	1460	<DL	21200	5.73	13	120	827	10.7	5.73	0.166	13.5	0.087	<DL	28.9	0.601	3.4	1.03	272	<DL	0.736	1.79	7780	0.094	0.526	320	<DL	17.8	2.09	135	
0.291	25900	1400	<DL	18000	5.32	12.2	113	698	4.31	5.7	0.137	26.1	0.11	<DL	27.2	<DL	3.17	0.94	284	<DL	0.682	1.72	7260	0.192	0.487	297	<DL	17.1	2.03	98.3	
0.315	27300	1300	<DL	14800	5.29	12.5	117	706	3.41	5.87	0.157	33.5	0.096	<DL	29.4	<DL	3.23	0.98	259	<DL	0.68	1.82	7170	0.236	0.494	299	<DL	18.5	2.14	92.7	
0.309	26700	1260	<DL	15200	5.21	12.2	113	723	3.24	6	0.155	31.1	0.093	<DL	28.9	<DL	3.13	0.899	258	<DL	0.684	1.79	7110	0.222	0.47	293	<DL	18.4	2.13	87.4	
0.311	27900	1350	<DL	17100	5.55	12.8	121	810	3.57	6.52	0.133	30.2	0.12	<DL	30.4	<DL	3.27	1.04	313	<DL	0.732	1.89	7620	0.215	0.511	313	<DL	19	2.19	92.6	
0.308	27800	1250	<DL	18300	5.19	12	114	734	4.4	6.11	0.129	23.7	0.097	<DL	30.5	<DL	3.09	0.946	270	<DL	0.678	1.81	7100	0.156	0.471	297	<DL	18.4	2.12	83	
0.313	26300	1330	<DL	17600	6.45	12.5	115	864	7.64	6.83	0.178	25.6	0.134	<DL	28.1	<DL	3.19	1.03	301	<DL	0.703	1.98	7150	0.194	0.524	294	<DL	18.1	2.15	98.8	
0.592	23800	1450	<DL	20900	10.2	23.2	68.4	1420	4.81	10	0.258	39.8	0.123	0.1	36.2	<DL	5.72	1.61	305	<DL	1.23	3.51	10000	0.224	0.922	342	<DL	35.7	3.97	124	
0.466	25500	1370	<DL	16200	7.78	17.9	88.8	1160	4.51	7.66	0.199	40.1	0.091	<DL	34.2	<DL	4.4	1.26	233	<DL	0.992	2.71	8540	0.259	0.691	324	<DL	27.5	3.15	106	
0.351	27700	1310	<DL	13900	5.76	13.4	113	950	3.74	6.2	0.173	40.2	0.081	<DL	32.2	<DL	3.37	1.06	212	<DL	0.739	2.12	7490	0.241	0.54	312	<DL	20.7	2.35	91.6	
0.365	29600	1360	<DL	15400	6	13.7	118	1050	3.87	6.95	0.145	43.1	0.103	<DL	34.3	<DL	3.47	1.12	251	<DL	0.789	2.19	7770	0.258	0.561	323	<DL	22.3	2.45	97.2	
0.367	29300	1310	<DL	15100	5.71	13.3	111	1010	3.53	6.94	0.154	45.4	0.099	<DL	33.9	<DL	3.38	1.08	243	<DL	0.779	2.09	7490	0.283	0.545	315	<DL	21.9	2.43	90.4	
0.348	29200	1300	<DL	14800	5.57	12.7	112	1000	3.02	6.63	0.167	46.3	0.09	<DL	33.5	0.937	3.2	1.04	236	<DL	0.742	2.05	7390	0.268	0.501	317	<DL	21.1	2.34	93.1	

40067	A14-1181-033	GMI14-980	67300	1.45	<DL	357	0.454	<DL	65300	1.2	25.4	62.5	150	0.434	209	4.48	2.93	1.96	112000	29.5	4.91	0.067	16500	11.9	14.9
40068	A14-1181-034	GMI14-981	60600	1.26	<DL	339	0.439	<DL	59500	1.26	24.6	58.4	137	0.373	199	4.22	2.68	1.9	105000	27.7	4.7	0.066	14700	11.4	14.3
40069	A14-1181-035	GMI14-982	59500	1.7	<DL	374	0.448	<DL	58000	1.33	24.7	59.6	128	0.405	204	4.19	2.74	1.98	106000	29.2	4.82	0.075	13600	11.4	16.1
40070	A14-1181-036	GMI14-983	57000	1.66	<DL	465	0.416	<DL	53200	1.22	24.1	58.9	128	0.366	203	4.09	2.57	2.18	104000	32.2	4.64	0.061	14900	10.9	15.5
40071	A14-1181-037	GMI14-984	55500	1.65	<DL	479	0.563	<DL	50100	1.57	29.3	59.4	128	0.386	219	4.51	2.82	2.31	108000	33.8	5.51	0.088	12200	13.7	20
40072	A14-1181-038	GMI14-985	47200	1.51	<DL	607	0.802	<DL	44200	1.66	23.8	55.5	137	0.26	171	3.79	2.31	2.45	99200	36.8	4.7	0.067	13100	11	22.1
40073	A14-1181-039	GMI14-986	49600	1.37	<DL	445	1.39	<DL	44500	4.7	25.5	53.9	121	0.239	295	3.9	2.43	2.13	98700	32.1	4.86	0.068	10900	11.7	19.5
40074	A14-1181-040	GMI14-987	49500	1.44	<DL	646	0.855	<DL	45600	4.04	24.3	53.9	119	0.193	510	3.81	2.4	2.71	100000	39.9	4.7	0.067	11100	11.5	17.9
40075	A14-1181-041	GMI14-988	52000	2.9	<DL	42.2	0.251	<DL	52300	0.655	9.73	59.7	18.9	0.104	63.1	4.18	2.65	1.29	145000	18.6	3.74	0.07	2290	3.53	6.59
40076	A14-1181-042	GMI14-989	50700	1.64	<DL	442	0.809	<DL	51500	2.8	25.3	54.9	120	0.296	206	4.15	2.58	2.23	101000	31	4.98	0.066	11000	11.9	19.2
40077	A14-1181-043	GMI14-990	48800	1.56	<DL	477	0.64	<DL	47100	2	24.6	54.2	134	0.313	188	3.95	2.53	2.22	99000	32	4.88	0.071	10400	11.4	17.2
40078	A14-1181-044	GMI14-991	47500	1.51	<DL	350	0.761	<DL	45300	1.64	25.9	58	134	0.196	203	4.12	2.54	1.86	106000	27.5	5.04	0.071	8280	12.1	18.6
40079	A14-1181-045	GMI14-992	49900	1.91	<DL	153	1.18	<DL	56000	6.24	25.8	58.3	143	0.12	258	4.12	2.48	1.62	104000	23.7	4.96	0.079	3860	12.3	17.9
40080	A14-1181-046	GMI14-993	50100	1.33	<DL	416	0.427	<DL	50200	2.28	24.2	56.7	130	0.308	206	3.89	2.47	2.15	101000	30.2	4.76	0.075	10400	11.2	16.7
40081	A14-1181-047	GMI14-994	54000	2.06	<DL	468	0.447	<DL	56100	1.65	25	58.9	145	0.387	204	4.1	2.64	2.31	103000	32.6	5.1	0.08	14400	11.6	13.2
40082	A14-1181-048	GMI14-995	54000	1.74	<DL	499	0.404	<DL	53300	1.53	24.6	57	139	0.464	204	4.09	2.67	2.41	102000	33.1	5.04	0.073	14700	11.2	12.8
40083	A14-1181-049	GMI14-996	47200	1.92	<DL	318	0.543	<DL	47300	1.43	23.5	59.4	142	0.282	209	3.75	2.39	1.8	103000	26.1	4.8	0.07	8680	10.9	18.4
40084	A14-1181-050	GMI14-997	49600	1.78	<DL	479	0.405	<DL	51500	1.51	23.7	58.3	134	0.332	203	3.8	2.48	2.38	101000	32.2	4.76	0.06	12500	11	14.4
40085	A14-1181-051	GMI14-998	50700	1.74	<DL	450	0.448	<DL	50200	1.44	24.1	59.7	148	0.278	211	3.94	2.47	2.22	104000	31.7	4.88	0.072	13000	11.3	14.1
40086	A14-1181-052	GMI14-999	49500	1.63	<DL	469	0.433	<DL	49200	1.5	22.7	55.8	127	0.399	196	3.72	2.41	2.22	96200	31.2	4.67	0.073	11500	10.6	15.9
40312	A14-1203-001	GMI14-1000	57400	1.25	1.26	292	2.38	<DL	42100	0.927	26.9	47.5	216	0.156	82.9	2.31	1.54	1.6	80700	28.1	3.15	<DL	6720	16.8	26.4
40313	A14-1203-002	GMI14-1001	68100	2.05	0.875	148	1.36	0.304	76000	0.629	25.1	52.3	186	0.247	105	4.3	2.87	1.47	111000	24.1	3.82	0.075	4820	16.7	20.3
40314	A14-1203-003	GMI14-1002	74700	1.32	0.698	419	1.51	<DL	62400	0.889	24.8	39.5	224	0.298	124	2.64	1.67	2.05	74200	32.7	3.21	<DL	7840	14	18.9
40315	A14-1203-004	GMI14-1003	65700	1.41	0.523	164	1.16	<DL	66600	0.381	12.2	47.9	385	0.22	111	1.84	1.18	1.04	80600	22	1.75	<DL	7410	8.69	29.4
40316	A14-1203-005	GMI14-1004	60000	1.38	0.515	171	2.74	<DL	52700	1.1	34.4	44.9	179	0.148	33.9	2.65	1.66	1.51	96800	24.6	3.95	0.051	7260	21	32.9
40317	A14-1203-006	GMI14-1005	53600	2.05	0.515	83.2	5.31	0.406	76700	2.68	88.8	56.7	370	0.125	80.2	6.63	3.85	3.74	111000	18.7	12.9	0.081	3890	35.2	38.8
40318	A14-1203-007	GMI14-1006	71900	1.98	<DL	137	0.906	<DL	88600	0.551	11	52.7	184	0.143	83.8	4.12	2.57	1.37	106000	22.4	2.94	0.06	5470	4.85	15.6
40319	A14-1203-008	GMI14-1007	69000	1.59	<DL	133	0.861	<DL	80200	0.663	12.6	52.7	177	0.176	84	3.86	2.63	1.35	103000	21.8	2.96	<DL	6050	6.36	21.5
40320	A14-1203-009	GMI14-1008	71300	1.44	<DL	368	1.18	<DL	77500	0.84	21.8	46.9	185	0.118	66.6	3.81	2.43	2.1	95200	32.6	3.68	0.05	6480	11.6	17.1
40321	A14-1203-010	GMI14-1009	65700	1.41	<DL	481	2.22	<DL	38200	1.66	58.1	32.6	131	0.075	81.1	3.23	2.16	2.96	66100	38.6	6.5	<DL	8840	30.3	16.9
40322	A14-1203-011	GMI14-1010	75800	1.44	<DL	403	2.15	<DL	66500	1.42	38	46.1	253	0.105	69.5	3.68	2.29	2.46	86300	34.8	4.94	<DL	7090	20.1	16.5
40323	A14-1203-012	GMI14-1011	70900	1.62	<DL	444	1.41	<DL	61800	0.966	27.5	45.7	190	0.141	83.3	3.17	2.16	2.31	81900	34.7	4.01	<DL	10100	16.2	16.5
40324	A14-1203-013	GMI14-1012	69500	1.35	<DL	531	2.05	0.307	56200	1.54	43.4	45.8	182	0.138	107	3.09	2.06	2.67	81400	39.7	4.86	<DL	11100	28.4	17
40325	A14-1203-014	GMI14-1013	63600	5.59	<DL	349	0.714	<DL	53900	2.11	23	49.6	99.6	0.463	150	4.77	3.13	2.24	110000	32.5	4.4	0.072	14700	10.5	21
40326	A14-1203-015	GMI14-1014	67600	1.06	<DL	350	1.07	<DL	71900	0.86	17	50.9	269	0.18	92.6	2.28	1.49	1.72	79200	29.1	2.47	<DL	7860	10.8	24.9
40327	A14-1203-016	GMI14-1015	68400	1.61	<DL	559	1.82	<DL	51800	1.53	39.8	41.5	225	0.131	112	2.5	1.62	2.71	63600	39.6	4.38	<DL	8940	24.3	19.5
40328	A14-1203-017	GMI14-1016	65100	1.42	<DL	223	0.697	<DL	71700	0.716	7.86	55.9	278	0.396	114	2.22	1.44	1.26	88200	23.1	1.71	<DL	8810	3.84	19.4
40329	A14-1203-018	GMI14-1017	62100	1.95	<DL	492	0.862	<DL	66500	0.889	8.84	52.4	259	0.23	109	2.1	1.38	2.1	84600	33.5	1.83	<DL	10400	4.98	28
40330	A14-1203-019	GMI14-1018	66800	1.97	<DL	284	1.06	<DL	80600	0.803	7.28	56	280	0.181	80	2.19	1.48	1.44	86400	26.1	1.74	<DL	7730	3.7	20
40331	A14-1203-020	GMI14-1019	63900	1.81	<DL	819	1.42	<DL	56300	1.24	27.2	44.6	240	0.12	89.7	2.3	1.48	3.48	72800	47.9	3.62	<DL	9760	17.1	21.5
40332	A14-1203-021	GMI14-1020	65100	1.86	<DL	890	1.86	<DL	52400	1.74	40.3	35.8	190	0.097	85.2	2.92	1.8	4.08	64000	53.4	5.61	<DL	11900	19.7	15.2
40333	A14-1203-022	GMI14-1021	58600	1.74	<DL	544	1.99	<DL	43400	1.29	24.8	38.6	207	0.075	106	2.32	1.48	2.68	67800	37.9	3.59	<DL	7190	14.4	28.9
40334	A14-1203-023	GMI14-1022	58800	1.7	<DL	584	2.15	<DL	49500	1.65	37.4	40.4	221	0.099	175	3.34	2.19	3.21	72000	39.6	5.41	<DL	8590	21.3	28
40335	A14-1203-024	GMI14-1023	61300	1.95	<DL	632	2.02	<DL	60000	1.72	32.9	41.8	225	0.164	97.7	3.49	2.36	3.27	78600	40.7	5.2	0.07	9110	18.1	31.1
40336	A14-1203-025	GMI14-1024	60300	1.69	<DL	683	2.36	<DL	62200	2.08	54.1	39.5	250	0.13	75.4	3.67	2.55	4.05	72100	42.9	7.6	<DL	8100	30.1	26
40337	A14-1203-026	GMI14-1025	59500	2.15	0.785	723	1.96	<DL	46300	2.45	37.2	38.9	181	0.116	125	2.96	2.08	3.87	71400	42.5	5.51	<DL	8610	23.3	20.2
40338	A14-1203-027	GMI14-1026	60200	2.15	0.53	556	1.34	<DL	58200	1.52	22.2	47	204	0.16	99.5	3.03	2.13	2.98	84500	35.6	3.99	0.052	8130	13.7	18.9
40339	A14-1203-028	GMI14-1027	62700	2.89	<DL	379	1.56	<DL	62100	3.81	43.7	49.1	176	0.103	136	3.86	2.64	2.63	91800	30.6	6.11	0.051	8350	32.3	15.3
40340	A14-1203-029	GMI14-1028	59600	2.55	<DL	361	0.852	<DL	61600	1.77	18.7	46.8	161	0.188	105	3.68	2.5	2.44	91700	28.4	3.76	0.069	8840	11.4	16.8
40341	A14-1203-030	GMI14-1029	69300	2.9	<DL	558	1.32	<DL																	

0.405	33600	1380	<DL	16300	5.91	13.6	116	1110	3.17	7.9	0.137	62.4	0.11	<DL	39	<DL	3.51	1.09	280	<DL	0.8	2.23	7800	0.31	0.508	334	<DL	23.9	2.66	101
0.369	29500	1300	<DL	16000	5.62	12.8	109	1030	2.96	8.03	0.166	52.1	0.134	<DL	34.2	<DL	3.4	1.03	301	<DL	0.767	2.11	7390	0.306	0.506	311	<DL	21.7	2.47	92.9
0.377	28600	1320	<DL	16900	5.69	13.3	111	1060	3.53	8.96	0.186	48.2	0.163	<DL	34.2	<DL	3.47	1.08	339	<DL	0.76	2.04	7440	0.281	0.513	318	<DL	21.5	2.46	98.2
0.339	26800	1370	<DL	16100	5.57	12.7	113	1000	3.44	8.25	0.164	47.3	0.164	<DL	31.4	<DL	3.32	1.18	336	<DL	0.738	1.96	7350	0.318	0.531	308	<DL	19.4	2.27	103
0.354	25100	1670	<DL	19800	6.54	15.3	109	1260	19.5	8.53	0.211	35.9	0.158	<DL	30.1	<DL	3.76	1.2	340	<DL	0.832	2.28	7420	0.251	0.702	302	<DL	20.5	2.41	129
0.295	22600	1640	<DL	17200	5.6	12.5	104	1060	19.9	7.93	0.16	24.2	0.163	<DL	26	<DL	3.23	1.07	331	<DL	0.71	1.72	6900	0.198	0.524	277	<DL	16.7	2.07	169
0.315	21300	1920	<DL	21600	6.11	13.1	91.5	1120	676	6.04	0.184	22.4	0.086	0.082	26.4	<DL	3.38	1.11	201	<DL	0.744	2.04	7270	0.165	0.643	291	<DL	17	2.15	540
0.296	21100	1840	<DL	19800	5.66	12.7	88.1	1080	644	6.76	0.186	22.8	0.128	0.082	26.3	<DL	3.37	1.19	266	<DL	0.722	1.78	6940	0.158	0.516	297	<DL	16.5	2.06	492
0.339	26000	1820	<DL	19300	3.23	8.12	17	1590	2.53	5.69	0.065	7.14	0.044	<DL	49.8	<DL	2.86	<DL	130	<DL	0.711	<DL	20300	<DL	<DL	609	<DL	21.1	2.32	107
0.338	23300	1930	<DL	21000	5.79	13.5	90.2	1180	168	7.96	0.195	26.9	0.137	0.077	28.9	<DL	3.53	1.05	313	<DL	0.758	2	7210	0.177	0.559	301	<DL	19	2.28	317
0.322	22700	1710	<DL	18000	5.7	12.8	95.5	1150	28.7	8.68	0.182	29.9	0.174	<DL	28.5	<DL	3.44	1.05	338	<DL	0.759	1.96	7020	0.197	0.551	290	<DL	18.7	2.29	201
0.312	22000	1820	<DL	20100	6.21	13.8	103	1320	37.4	8.71	0.223	21	0.182	0.079	27.5	<DL	3.53	1.15	354	<DL	0.797	1.99	7540	0.149	0.609	301	<DL	17.6	2.22	150
0.314	19600	1660	<DL	17100	6.03	13.6	101	1270	186	7.2	0.204	7.52	0.118	0.094	27.8	<DL	3.46	1.12	263	<DL	0.801	1.82	7610	0.06	0.549	320	0.973	17.4	2.17	750
0.326	22400	1520	<DL	17200	5.55	12.6	102	1210	66.4	9.37	0.18	30.9	0.2	0.077	28.8	<DL	3.23	1.02	359	<DL	0.724	1.77	7100	0.211	0.487	301	<DL	17.8	2.1	211
0.356	24600	1350	<DL	14900	5.7	13.3	112	1260	10.1	9.18	0.181	44.4	0.189	0.081	31.3	<DL	3.31	1.02	340	<DL	0.782	2.06	7250	0.272	0.562	304	<DL	19.8	2.39	122
0.347	24300	1260	<DL	14900	5.59	13	105	1250	4.59	9.3	0.195	48.9	0.181	<DL	31.3	<DL	3.44	1.06	347	<DL	0.771	2.03	7120	0.332	0.497	305	<DL	19.7	2.37	103
0.304	21500	1370	<DL	16100	5.52	12.5	124	1300	4.6	7.86	0.206	22.5	0.155	<DL	27.2	<DL	3.33	1.03	296	<DL	0.726	1.72	7160	0.186	0.499	288	<DL	16.5	2.06	99.7
0.308	21700	1280	<DL	14600	5.55	12.4	115	1300	3.92	9.54	0.184	34.3	0.204	<DL	28.1	<DL	3.29	1.08	367	<DL	0.741	1.8	7010	0.268	0.515	286	<DL	17.4	2.1	99.9
0.317	21700	1430	<DL	15300	5.7	13	112	1350	4.45	8.75	0.2	33.6	0.18	<DL	28.1	<DL	3.28	1.09	338	<DL	0.769	1.82	7300	0.283	0.533	297	<DL	17.1	2.07	105
0.314	21700	1450	<DL	15200	5.38	11.9	107	1250	16.5	8.33	0.167	31.7	0.174	<DL	28.2	<DL	3.15	0.96	300	<DL	0.688	1.91	6710	0.233	0.538	283	<DL	17.1	2.17	110
0.198	24200	1140	3.17	31100	5.94	11.7	112	<DL	11.5	7.46	0.114	10.2	0.241	<DL	22.4	<DL	2.52	<DL	406	4.36	0.521	2.87	5450	0.099	1.59	284	1	10.6	1.31	115
0.402	30200	1290	<DL	30000	4.71	12.5	103	277	8.49	9.32	0.081	9.62	0.216	<DL	39.7	<DL	3.28	<DL	389	2.12	0.794	1.48	8660	0.095	1.21	402	1.02	23.8	2.66	91.8
0.235	19900	953	<DL	31900	3.63	11.7	96.8	<DL	10.3	8.42	0.075	17.5	0.259	<DL	23	<DL	2.64	<DL	438	<DL	0.538	2.5	4970	0.142	1.14	265	<DL	13.4	1.5	72.7
0.167	26700	1110	<DL	21400	1.84	5.68	142	<DL	6.96	5.32	<DL	13	0.16	<DL	23.1	<DL	1.55	<DL	270	<DL	0.349	0.759	4400	0.113	0.545	259	<DL	9.44	1.16	87.4
0.231	25600	1260	5.99	24000	4.3	15.8	99.6	351	8.18	11.8	0.091	12.2	0.402	<DL	23.7	<DL	3.3	<DL	680	<DL	0.646	4.12	6020	0.104	2.46	303	0.947	12.3	1.45	133
0.413	48600	1740	5.6	22500	9.32	57.4	166	2670	9.05	11.1	0.239	6.65	0.208	<DL	34.8	<DL	13.4	1.1	375	<DL	1.98	4.92	6950	<DL	2.6	324	<DL	30.9	2.9	161
0.39	28500	1440	3.03	25900	3.43	8.54	107	234	5.42	8.23	0.061	13.3	0.167	<DL	40.9	<DL	2.76	<DL	289	<DL	0.691	<DL	8290	0.095	0.314	371	1.03	22.6	2.54	80.6
0.381	31000	1310	<DL	26200	3.36	8.44	104	216	4.85	9.77	0.072	16.4	0.23	<DL	39.9	<DL	2.75	<DL	396	<DL	0.671	0.858	8150	0.104	0.479	369	1.17	21.9	2.44	75.8
0.35	25000	1220	<DL	32100	3.5	12.2	98.7	286	8.1	11.2	0.092	13.2	0.331	<DL	34.8	<DL	3.26	<DL	503	<DL	0.724	1.74	7400	0.094	0.998	342	0.866	20.2	2.3	82.5
0.246	15600	867	<DL	41900	6	27.1	65.3	272	10.4	12.4	0.133	13	0.424	<DL	17.1	<DL	5.14	0.755	667	<DL	0.867	4.36	4990	0.109	2.26	240	<DL	13.9	1.55	94.1
0.304	22600	1200	<DL	40200	5.41	17.8	113	271	22.6	14	0.134	11	0.446	<DL	30.5	<DL	4.01	<DL	711	<DL	0.798	4.21	6240	0.079	1.77	316	<DL	18.2	2.1	95.9
0.302	23800	1110	<DL	36200	4.17	13.1	105	149	13	10.8	0.091	20.8	0.315	<DL	29.5	<DL	3.09	<DL	504	<DL	0.702	3.51	6030	0.141	1.7	310	<DL	16.9	1.98	82.5
0.283	23800	1040	3.71	39300	5.28	17.1	101	256	67.6	11.4	0.124	17.9	0.35	<DL	27.3	<DL	3.45	<DL	561	<DL	0.734	4.5	5870	0.124	2.52	301	<DL	15.9	1.81	89
0.447	23800	1560	<DL	20300	6.22	14.2	79.5	500	5.5	9.17	0.172	50.5	0.178	<DL	32.6	<DL	3.85	1.09	279	<DL	0.916	1.59	8850	0.323	0.408	367	<DL	24.4	2.89	98
0.218	30300	1090	4.04	27500	2.45	7.52	154	28.7	16.6	8.21	0.084	17.9	0.244	<DL	30.8	<DL	1.88	<DL	395	<DL	0.439	1.57	4820	0.127	0.898	283	<DL	12.3	1.46	85.6
0.226	19400	936	<DL	38400	4.39	16.2	126	73.3	44.9	11.8	0.123	16	0.408	<DL	23.5	<DL	3.24	<DL	601	<DL	0.646	4.56	4190	0.112	2.66	237	<DL	12.4	1.47	95.1
0.209	37500	1140	8.52	23100	1.92	5.04	170	19	9.87	5.87	0.059	19.3	0.148	<DL	32.5	<DL	1.56	<DL	242	<DL	0.371	1.06	4930	0.137	0.588	297	<DL	11.7	1.39	65.3
0.222	37600	1170	7.3	23000	1.82	4.86	157	49.4	12.2	7.07	0.067	24.8	0.205	<DL	31.5	<DL	1.42	<DL	303	<DL	0.374	1.58	4790	0.176	0.903	288	<DL	11.2	1.46	94.8
0.215	36200	1280	<DL	25000	2.47	4.6	169	114	16.4	6.68	0.097	15.9	0.157	<DL	33.7	<DL	1.44	<DL	272	<DL	0.371	1.23	4960	0.136	0.745	293	<DL	11.9	1.42	78.6
0.23	26300	1080	<DL	30700	3.44	11.7	138	164	14.7	12.2	0.084	18.2	0.434	<DL	26.6	<DL	2.58	<DL	599	<DL	0.537	3.9	4520	0.158	1.74	250	<DL	11.4	1.45	111
0.237	15900	872	<DL	36200	4.47	21.1	100	458	21.8	18	0.181	20.3	0.649	<DL	22.7	<DL	4.48	<DL	889	<DL	0.784	4.27	4550	0.165	1.81	228	<DL	13.4	1.61	102
0.211	16800	1040	<DL	35100	4.37	11.7	115	253	23.1	12.4	0.125	10.2	0.432	<DL	22.2	<DL	2.57	0.748	597	<DL	0.548	2.32	4680	0.103	1.9	249	<DL	10.4	1.28	122
0.296	18600	975	<DL	36300	4.59	18.5	89.7	1040	30.3	14.2	0.107	12.5	0.458	<DL	25.9	<DL	4.15	0.982	620	<DL	0.824	2.97	5620	0.103	1.93	262	<DL	15.7	1.93	115
0.315	23900	1110	<DL	31500	4.25	17.1	102	1080	51.7	14.7	0.145	16.4	0.444	<DL	30.4	<DL	3.87	0.953	625	<DL	0.802	2.5	5740	0.129	1.81	288	<DL	17	2.04	125</

40474	A14-1203-041	GMI14-1040	59600	1.75	<DL	256	0.812	<DL	68800	1.57	11.9	52.4	280	0.107	118	2.16	1.5	1.73	80800	24.2	2.53	<DL	6430	7.21	16.5
40475	A14-1203-042	GMI14-1041	63200	2.77	<DL	441	0.563	<DL	54400	2.7	19.4	56.5	115	0.343	197	3.99	2.74	2.96	105000	33.4	4.56	0.095	13900	9.84	26.8
40476	A14-1203-043	GMI14-1042	50900	1.98	<DL	290	2.2	<DL	53300	1.3	31.2	53.6	283	0.156	193	2.36	1.73	2.11	81700	24.7	4.86	<DL	7140	18	42.3
40477	A14-1203-044	GMI14-1043	62300	2.2	<DL	195	1.79	<DL	66300	3.67	26.7	48.1	258	0.135	98	2.42	1.67	1.73	73600	23.5	4.42	0.075	5020	15.6	27.9
40478	A14-1203-045	GMI14-1044	61300	2.34	<DL	271	2.34	<DL	57600	2.03	34	48.2	255	0.182	98.3	2.23	1.62	1.92	77600	25.7	4.77	0.053	6760	24.9	30.1
40479	A14-1203-046	GMI14-1045	59500	1.8	<DL	261	1.61	<DL	59000	1.89	19.2	49.5	262	0.145	88.9	2.16	1.57	1.89	73100	24.1	3.65	0.063	6800	13.2	24.8
40480	A14-1203-047	GMI14-1046	64700	1.82	<DL	844	4.66	<DL	31000	3	33.7	25.5	171	0.082	144	2.01	1.48	4.73	44400	49.8	5.89	<DL	20400	19.9	11.2
40481	A14-1203-048	GMI14-1047	59200	2.38	<DL	453	2.86	<DL	46200	2.13	19.2	42	227	0.167	126	1.85	1.48	2.88	65500	32.7	4	0.057	8620	10.9	24.6
40482	A14-1203-049	GMI14-1048	60100	3.32	<DL	345	1.3	<DL	60100	2.05	13.5	52.3	228	0.513	211	2.58	1.89	2.49	85100	28	3.68	0.071	6640	8.59	30.3
40483	A14-1203-050	GMI14-1049	59500	3.26	<DL	557	1.59	<DL	57200	3.11	16.5	46	170	0.386	160	3.14	2.44	3.66	83000	35.4	5.06	0.098	5850	9.68	24.2
40484	A14-1203-051	GMI14-1050	59300	3.93	0.521	181	1.33	0.313	60000	2.58	13.6	49	169	0.251	241	3.49	2.71	1.87	92500	22.4	4.67	0.108	4510	8.31	23.2

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40059	A14-1181-025	GMI14-972	57500	1.11	<DL	196	0.414	<DL	60500	1.06	22.8	58.3	144	0.328	174	3.76	2.36	1.41	103000	22.2	4.18	0.064	7340	10.4	19.6
		GMI14-972 DUP	57900	1.41	<DL	208	0.47	<DL	63300	0.981	24	61.6	149	0.317	187	4.01	2.55	1.51	109000	23.1	4.26	0.056	7710	11.2	19.7
40086	A14-1181-052	GMI14-999	49500	1.63	<DL	469	0.433	<DL	49200	1.5	22.7	55.8	127	0.399	196	3.72	2.41	2.22	96200	31.2	4.67	0.073	11500	10.6	15.9
		GMI14-999 DUP	48700	1.59	<DL	476	0.43	<DL	49100	1.57	22.9	56.1	127	0.366	202	3.75	2.44	2.29	97100	31.5	4.79	0.058	11600	10.6	15.4
40336	A14-1203-025	GMI14-1024	60300	1.69	<DL	683	2.36	<DL	62200	2.08	54.1	39.5	250	0.13	75.4	3.67	2.55	4.05	72100	42.9	7.6	<DL	8100	30.1	26
		GMI14-1024 DUP	57900	1.96	<DL	666	2.25	<DL	59800	2.05	52.3	38.4	247	0.096	99.3	3.75	2.44	3.85	70800	42.3	7.42	0.053	7960	29.7	23.8
40484	A14-1203-051	GMI14-1050	59300	3.93	0.521	181	1.33	0.313	60000	2.58	13.6	49	169	0.251	241	3.49	2.71	1.87	92500	22.4	4.67	0.108	4510	8.31	23.2
		GMI14-1050 DUP	59600	4.63	<DL	185	1.48	<DL	61600	2.73	13.8	51.9	170	0.215	254	3.66	2.64	1.87	96500	23	4.54	0.081	4710	8.53	23.2



0.222	23600	1100	4.78	23400	2.19	6.39	174	828	24.1	12.3	0.123	9.58	0.407	<DL	n/a	<DL	1.7	<DL	403	<DL	0.459	1.06	5030	0.119	0.711	287	<DL	11.2	1.49	98.6
0.364	19600	1290	<DL	18700	5.32	11.5	102	1260	4.11	12.3	0.228	36.7	0.265	<DL	n/a	<DL	3.2	1.08	292	<DL	0.795	1.35	6980	0.299	0.334	312	<DL	18.5	2.53	106
0.202	25100	1310	<DL	24200	3.86	14.8	159	1110	24.2	16.6	0.094	12.5	0.611	<DL	n/a	<DL	3.14	1.02	584	<DL	0.681	1.3	4590	0.112	0.883	301	<DL	10.1	1.5	134
0.222	23600	1140	5.56	30000	3.69	12.6	155	1020	123	19.8	0.109	8.04	0.735	<DL	n/a	<DL	2.74	0.898	682	<DL	0.631	1.8	4440	0.084	1.18	268	<DL	11.8	1.53	195
0.239	25600	1140	<DL	31100	4.38	12	154	1190	34.1	16	0.186	11.5	0.54	<DL	n/a	<DL	2.39	0.84	509	<DL	0.614	2.32	4510	0.103	1.45	272	<DL	11.4	1.59	114
0.209	25800	1040	3.27	25200	2.87	8.55	169	1270	71.1	13.9	0.156	10.6	0.445	<DL	n/a	<DL	1.92	0.775	404	<DL	0.524	1.56	4350	0.098	1.08	248	<DL	10.7	1.39	96.9
0.195	12300	790	<DL	40500	10.5	14.7	92.3	1450	19.6	13	0.32	29.1	0.406	<DL	n/a	<DL	2.7	1.1	354	<DL	0.697	8.44	2810	0.184	5.28	147	<DL	8.91	1.3	107
0.201	20700	978	<DL	33000	5.02	8.79	134	1660	10.9	16.5	0.213	13.3	0.515	<DL	n/a	<DL	2.02	0.893	474	<DL	0.523	3.63	3770	0.12	2.07	229	<DL	8.92	1.35	136
0.272	23900	1080	7.94	26700	2.85	7.51	142	2350	18	17.2	0.218	16	0.404	<DL	n/a	<DL	1.99	0.886	363	<DL	0.629	1.41	5310	0.16	0.841	291	<DL	11.8	1.84	166
0.36	25100	1040	3.99	31600	3.63	9.54	106	2640	16.9	21	0.349	13.1	0.415	<DL	n/a	<DL	2.61	1.2	370	<DL	0.773	2.06	5860	0.113	1.18	296	<DL	16	2.51	186
0.41	25200	1190	5.61	30800	3.43	8.03	103	2800	33.3	23.9	0.286	8.89	0.47	<DL	n/a	<DL	2.46	1.1	413	<DL	0.809	1.21	6700	0.101	0.658	331	<DL	17.8	2.82	186

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.308	27800	1250	<DL	18300	5.19	12	114	734	4.4	6.11	0.129	23.7	0.097	<DL	30.5	<DL	3.09	0.946	270	<DL	0.678	1.81	7100	0.156	0.471	297	<DL	18.4	2.12	83	
0.309	27500	1310	<DL	18700	5.49	12.6	121	832	4.34	6.38	0.142	22.9	0.111	<DL	30.2	<DL	3.27	1.04	282	<DL	0.707	1.84	7500	0.152	0.495	306	<DL	18.7	2.16	89.7	
0.314	21700	1450	<DL	15200	5.38	11.9	107	1250	16.5	8.33	0.167	31.7	0.174	<DL	28.2	<DL	3.15	0.96	300	<DL	0.688	1.91	6710	0.233	0.538	283	<DL	17.1	2.17	110	
0.309	20900	1450	<DL	14900	5.4	12	107	1300	15.6	8.39	0.17	29.8	0.174	<DL	27.7	<DL	3.05	0.999	298	<DL	0.727	1.85	6830	0.225	0.526	288	<DL	16.7	2.11	114	
0.307	23700	1070	<DL	34700	5.35	26.2	100	1370	23	18.4	0.172	14.8	0.617	<DL	27.4	<DL	5.52	0.893	752	<DL	1.07	4.81	5170	0.1	2.25	251	<DL	17.6	2.06	117	
0.288	22100	1040	<DL	33500	5.25	25.6	97.9	1370	25.2	17.7	0.166	14.3	0.561	<DL	26.1	<DL	5.34	0.985	722	<DL	1.01	4.54	5040	0.103	2.17	244	<DL	16.7	1.96	114	
0.41	25200	1190	5.61	30800	3.43	8.03	103	2800	33.3	23.9	0.286	8.89	0.47	<DL	n/a	<DL	2.46	1.1	413	<DL	0.809	1.21	6700	0.101	0.658	331	<DL	17.8	2.82	186	
0.394	24800	1230	5.82	31400	3.5	8.46	107	2960	35	24.8	0.252	8.89	0.489	<DL	n/a	<DL	2.57	1.11	426	<DL	0.815	1.31	7000	0.079	0.686	343	<DL	18.1	2.78	196	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2340	3.95							19200			216000				16400						
		CRM PTM-1a #2		2330	2.86							18400			213000				14800						
		CRM PTM-1a #3		2080	3.36							18200			198000				15200						
		CRM PTM-1a #4		2070	4.22							17600			196000				17700						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	46200	3.6		383	0.45	2.24	24500	3.47	33.3	597	308	0.278	9790	1.43	0.836	1.4	263000	20.6	3.5		7100	17.6	
		CRM SU-1b #2	42000	5.22		386	0.401	2.33	23100	4.07	34	609	333	0.286	10300	1.39	0.891	1.7	254000	21.8	4.34		6790	17.9	
		CRM SU-1b #3	46000	5.35		366	0.566	2.22	23900	4.07	29.8	613	310	0.324	9150	1.43	0.989	1.92	258000	22.6	4.04		6600	16.8	
		CRM SU-1b #4	43900	6.75		385	0.559	2.75	23600	6.1	24.6	605	298	0.345	9030	1.44	1.19	2.55	248000	22.2	5.98		6310	14.8	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	58000	23.6		129		32.1	24800	10.5		154	192	0.465	2160				224000	45.1		1.72	5580	8.23	12.5
		CRM RTS-3a #2	48800	20.6		125		32.5	22400	11.1		148	179	0.441	2110				205000	42		1.68	5110	8.26	10.2
		CRM RTS-3a #3	53800	21.6		118		31.6	23300	11.1		141	168	0.456	1880				210000	44		1.8	4910	7.85	16.8
		CRM RTS-3a #4	50100	21.9		122		33.6	22300	14.3		133	156	0.471	2000				194000	42		1.84	4460	6.42	16.3
		<b>Certified Values:</b>																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	61000	22.3		647	1.22		17400	1.92	92.3	31.5	72.8	2.38	41	4.71		2.84	40800				19300	48.4	17.9
		CRM LKSD-3 #2	55300	21.2		657	1.12		16300	2.35	87.4	30.1	68.4	2.45	41	4.67		3.19	37700				18300	48.3	16.7
		CRM LKSD-3 #3	62000	19.9		643	1.49		17500	3.09	76.3	29.4	64.8	2.42	39.9	4.63		3.67	38400				18700	46.5	28.7
		CRM LKSD-3 #4	62200	20.3		697	1.43		18400	7.63	61.9	30.6	64.2	2.12	80	4.7		5.28	38400				18700	41.5	30.9

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			ug/L 1	ug/L 0.2	ug/L 0.5	ug/L 0.2	ug/L 0.05	ug/L 0.3	ug/L 5	ug/L 0.05	ug/L 0.04	ug/L 0.03	ug/L 0.4	ug/L 0.04	ug/L 0.05	ug/L 0.02	ug/L 0.02	ug/L 0.02	ug/L 1	ug/L 0.02	ug/L 0.05	ug/L 0.05	ug/L 6	ug/L 0.03	ug/L 0.02
		<b>Actual Spike Values:</b>		<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>			<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>
		Spike #1		10.1	10.2		9.8	10		9.93	9.77			10.2	9.74	9.82	9.89		10.1	9.91	10		10.2	9.37	
		Spike #4		10.3	11.3		7.64	10.3		9.26	11			10.2	9.88	9.79	10.1		9.39	11.7	9.29		10.3	6.26	
		Spike #7		10.5	11.1		10.1	9.49		9.92	9.59			10.1	9.54	9.52	9.66		9.86	9.49	10		9.98	10.1	
		Spike #10		9.34	11.1		9.57	9.82		10.3	9.11			10.4	9.54	9.56	9.52		9.56	10.8	9.98		9.9	10.2	
		<b>Actual Spike Values:</b>				<b>100</b>						<b>100</b>	<b>100</b>		<b>100</b>										
		Spike #2				102						100	98.7		97.1										
		Spike #5				84.3						87.4	84.8		88.3										
		Spike #8				100						104	99.4		99.2										
		Spike #11				85.6						80.7	76.5		78.7										
		<b>Actual Spike Values:</b>	<b>10000</b>						<b>10000</b>										<b>10000</b>					<b>10000</b>	
		Spike #3	9840						9710										9820				9870		
		Spike #6	10100						10300										11000				11100		
		Spike #9	10200						10100										9710				10200		
		Spike #12	10000						9760										11500				10100		



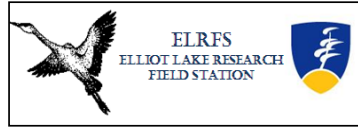
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-016a

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
Swastika Laboratories Ltd  
Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0  
Phone: 705-642-3244 Fax: 705-642-3300



**Batch: 14-1181 (52) & 14-1203 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Oct 22 - Dec 11, 2014 / Troy Maki  
Submission Date: 2015 02 20

**Dr. Graeme Spiers - ELRFS Director**

**QC Note:** The last 25% of this batch contains Sc results re-run on February 11, 2015.

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40035	A14-1181-001	GMI14-948	66300	1.91	1.06	601	0.838	<DL	58000	0.97	23.1	53.1	143	0.494	175	4.19	2.62	1.9	107000	32.2	3.96	0.077	11600	12.2	31.9
40036	A14-1181-002	GMI14-949	64000	2.37	0.672	581	0.695	<DL	54000	1.09	23.7	55.9	149	0.35	189	4.12	2.66	1.9	111000	33.3	4.15	0.067	12700	12.4	32.5
40037	A14-1181-003	GMI14-950	67700	3.37	0.51	578	0.586	<DL	61800	1.1	24.1	56.7	145	0.414	194	4.38	2.75	2	115000	33.4	4.35	0.075	15900	12.1	21.9
40038	A14-1181-004	GMI14-951	71000	2.28	<DL	460	0.576	<DL	66700	1.14	25.8	60.4	146	0.385	207	4.74	2.93	1.9	121000	31.7	4.54	0.082	16400	12.6	18.9
40039	A14-1181-005	GMI14-952	63500	1.42	<DL	371	0.548	<DL	62200	1.05	24.3	57.7	140	0.431	195	4.36	2.82	1.72	113000	28.1	4.32	0.073	14000	11.7	17.7
40040	A14-1181-006	GMI14-953	58800	1.05	<DL	217	0.498	<DL	61900	1.17	22.7	54.4	123	0.309	189	4.07	2.59	1.43	103000	22.3	4.07	0.069	8440	10.8	19.3
40041	A14-1181-007	GMI14-954	64500	0.934	<DL	307	0.515	<DL	61300	1	24.5	56.4	133	0.313	195	4.34	2.77	1.64	110000	26.2	4.37	0.071	13400	11.5	16.9
40042	A14-1181-008	GMI14-955	64200	1.11	<DL	277	0.551	<DL	62600	1.04	26	59.9	133	0.291	201	4.58	2.79	1.63	117000	25.8	4.57	0.073	12000	12.2	17.8
40043	A14-1181-009	GMI14-956	59900	0.795	<DL	266	0.483	<DL	56600	0.964	23.7	54.8	132	0.33	181	4.08	2.61	1.49	105000	24.4	4.26	0.061	11800	10.8	16.3
40044	A14-1181-010	GMI14-957	61900	1.18	<DL	251	0.486	<DL	61400	1.05	23.6	60.3	164	0.297	196	4.07	2.53	1.48	112000	24.7	4.25	0.056	11100	11	17.8
40045	A14-1181-011	GMI14-958	59200	1.02	<DL	268	0.455	<DL	57200	0.968	22.7	56.7	135	0.336	183	3.86	2.42	1.51	105000	24.3	4.16	0.056	11800	10.5	16.1
40046	A14-1181-012	GMI14-959	59200	0.997	<DL	243	0.522	<DL	58700	0.966	22.9	56.4	140	0.275	202	3.89	2.47	1.47	106000	23.7	4.13	0.058	10900	10.6	16.3
40047	A14-1181-013	GMI14-960	63300	1.1	<DL	271	0.468	<DL	61600	0.942	23.4	58	139	0.306	185	4.09	2.67	1.56	107000	24.9	4.23	0.066	13000	10.8	16.9
40048	A14-1181-014	GMI14-961	63700	1.09	<DL	323	0.494	<DL	62700	1.05	24.9	61.9	166	0.325	199	4.3	2.66	1.72	113000	27.4	4.5	0.059	14400	11.4	15.4
40049	A14-1181-015	GMI14-962	62700	1.52	<DL	335	0.49	<DL	62900	0.999	24	62.3	170	0.328	199	4.14	2.58	1.7	113000	27.9	4.4	0.069	13500	11.1	16.1
40050	A14-1181-016	GMI14-963	57000	1.97	<DL	41.3	0.338	<DL	56000	0.519	9.56	59.9	19.1	0.093	51.5	4.21	2.71	1.25	154000	19.4	3.45	0.076	2340	3.46	7.95
40051	A14-1181-017	GMI14-964	56700	1.27	<DL	300	0.444	<DL	55000	1.02	23.5	59.4	145	0.266	191	3.82	2.41	1.6	108000	25.4	4.15	0.054	11000	10.7	17.8
40052	A14-1181-018	GMI14-965	56100	1.16	<DL	301	0.432	<DL	56400	0.98	23.2	59.4	148	0.231	189	3.84	2.34	1.59	107000	25.9	4.13	0.067	10700	10.6	18.7
40053	A14-1181-019	GMI14-966	59700	1.25	<DL	331	0.449	<DL	54800	0.939	23.1	59.1	146	0.326	188	3.85	2.48	1.7	107000	27.2	4.32	0.058	12000	10.5	20.5
40054	A14-1181-020	GMI14-967	58500	1.53	<DL	147	0.673	<DL	61100	1.22	24.5	62.6	140	0.221	167	4.01	2.54	1.31	113000	21.7	4.39	0.076	4990	11.2	22
40055	A14-1181-021	GMI14-968	54700	1.52	<DL	277	0.44	<DL	52300	1.01	23	59	150	0.295	184	3.78	2.36	1.52	105000	24.5	4.16	0.069	9750	10.5	19.4
40056	A14-1181-022	GMI14-969	56300	1.27	<DL	316	0.449	<DL	57300	1.05	23.2	58.5	167	0.331	189	3.88	2.39	1.63	105000	26.3	4.2	0.061	12100	10.5	15.8
40057	A14-1181-023	GMI14-970	55500	0.897	<DL	281	0.426	<DL	58100	1.01	22.8	57.4	160	0.283	185	3.75	2.36	1.55	102000	25	4.13	0.063	11300	10.2	16.5
40058	A14-1181-024	GMI14-971	57900	1.54	<DL	268	0.444	<DL	60800	1.06	23.7	61.5	155	0.339	197	4.08	2.5	1.55	109000	25.2	4.34	0.064	10600	10.8	18.7
40059	A14-1181-025	GMI14-972	57500	1.11	<DL	196	0.414	<DL	60500	1.06	22.8	58.3	144	0.328	174	3.76	2.36	1.41	103000	22.2	4.18	0.064	7340	10.4	19.6
40060	A14-1181-026	GMI14-973	55200	1.28	0.658	271	0.456	<DL	55500	1.15	23.3	58.1	136	0.33	184	3.87	2.47	1.56	103000	23.9	4.39	0.068	8970	10.9	18.6
40061	A14-1181-027	GMI14-974	63500	2.31	0.558	335	0.808	<DL	57100	2.09	44.3	54.2	81.8	0.7	184	6.7	4.36	2.36	122000	29.7	7.76	0.093	9890	20.5	14.9
40062	A14-1181-028	GMI14-975	61400	1.76	<DL	345	0.637	<DL	59100	1.64	34	56.3	116	0.347	189	5.34	3.42	2.1	113000	28.8	6.08	0.077	12500	15.5	14
40063	A14-1181-029	GMI14-976	60000	1.19	<DL	292	0.473	<DL	61800	1.29	25.1	59.1	146	0.221	198	4.15	2.64	1.71	106000	26	4.55	0.077	14400	11.4	14
40064	A14-1181-030	GMI14-977	62300	1.13	<DL	279	0.499	<DL	64000	1.3	25.8	61.5	144	0.259	205	4.33	2.75	1.69	110000	26.1	4.82	0.069	14200	12	14.3
40065	A14-1181-031	GMI14-978	61000	1.29	<DL	275	0.448	<DL	60900	1.23	25	59.3	136	0.251	201	4.37	2.76	1.74	107000	25.5	4.68	0.067	14400	11.6	13.7
40066	A14-1181-032	GMI14-979	60200	1.63	<DL	304	0.431	<DL	60100	1.26	24.2	59.2	147	0.241	199	4.16	2.69	1.73	106000	26.5	4.53	0.065	15200	11.2	14.1
40067	A14-1181-033	GMI14-980	67300	1.45	<DL	357	0.454	<DL	65300	1.2	25.4	62.5	150	0.434	209	4.48	2.93	1.96	112000	29.5	4.91	0.067	16500	11.9	14.9

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.342	33200	1660	<DL	19400	7.39	12.8	89	601	22.4	4.98	0.16	36.1	0.077	0.121	33.1	<DL	3.25	1.21	275	5.12	0.715	2.48	7480	0.23	0.579	306	1.19	21.7	2.31	116	
0.35	31800	1650	<DL	20800	6.14	13.2	94.2	702	17.5	4.98	0.148	37	0.069	0.108	31.7	<DL	3.38	1.16	261	<DL	0.727	2.13	7810	0.249	0.582	316	0.95	20.9	2.31	130	
0.374	31700	1590	<DL	17100	6.01	13.5	91.4	707	7.55	5.64	0.144	52.6	0.084	0.073	35.9	1.29	3.39	1.12	284	<DL	0.764	2.24	7990	0.313	0.582	333	<DL	23.1	2.5	115	
0.407	31600	1530	<DL	18300	6.26	14.2	96	781	4.08	6.01	0.147	52.8	0.096	<DL	37.3	0.729	3.71	1.1	309	<DL	0.813	2.29	8480	0.317	0.609	357	<DL	24	2.65	111	
0.383	29900	1410	<DL	16700	5.78	13.5	95	677	3.85	5.75	0.143	44.7	0.093	<DL	33.7	<DL	3.47	1.04	293	<DL	0.77	2.18	7940	0.284	0.555	327	<DL	22.2	2.51	101	
0.334	26800	1270	<DL	19100	5.41	12.6	94.4	586	5.91	5.55	0.124	27.2	0.09	<DL	29.2	<DL	3.29	0.945	281	<DL	0.696	1.97	7270	0.161	0.52	298	<DL	19.8	2.22	120	
0.37	28300	1400	<DL	18100	5.68	13.3	94.1	684	3.26	5.81	0.165	41.4	0.1	<DL	32.2	<DL	3.57	1.01	276	<DL	0.767	2.09	7820	0.261	0.555	325	<DL	21.4	2.48	91.4	
0.367	27700	1450	<DL	20000	6.05	14.4	99.2	798	3.85	6.44	0.164	36.3	0.115	<DL	31.1	0.742	3.7	1.09	347	<DL	0.791	2.15	8310	0.247	0.579	338	<DL	21.6	2.55	97.6	
0.328	26600	1320	<DL	16800	5.49	12.8	95.8	639	3.16	5.8	0.137	35.9	0.093	<DL	29.3	<DL	3.25	0.938	293	<DL	0.737	1.95	7420	0.269	0.515	305	<DL	19.4	2.21	87.2	
0.328	26400	1380	<DL	18000	5.52	12.9	112	713	5.09	5.79	0.138	30.6	0.099	<DL	28.9	<DL	3.39	0.997	305	<DL	0.724	1.89	7740	0.242	0.531	315	<DL	18.5	2.18	96.3	
0.313	27300	1320	<DL	15600	5.23	12.3	106	627	3.19	5.35	0.143	35.2	0.078	<DL	28.9	<DL	3.22	0.911	245	<DL	0.683	1.83	7210	0.243	0.495	298	<DL	18.8	2.2	87.6	
0.327	26800	1330	<DL	16800	5.32	12.4	102	659	4.73	5.79	0.146	33.5	0.09	<DL	29	<DL	3.17	0.984	274	<DL	0.709	1.97	7290	0.223	0.536	304	<DL	19	2.19	88.7	
0.351	31900	1300	<DL	16600	5.4	12.7	108	702	3.08	5.5	0.143	43.8	0.067	<DL	33.4	<DL	3.31	0.936	236	<DL	0.735	2.03	7440	0.243	0.496	316	<DL	21	2.43	82.5	
0.353	30300	1410	<DL	15600	5.73	13.4	117	736	3.14	5.7	0.169	41.4	0.078	<DL	31.8	<DL	3.54	1.03	247	<DL	0.754	2.07	7830	0.278	0.523	322	<DL	20.8	2.36	97.8	
0.335	30600	1420	<DL	16800	5.63	13.2	119	793	3.38	5.82	0.144	37.7	0.089	<DL	32.4	<DL	3.48	1.08	272	<DL	0.725	1.95	7780	0.266	0.526	323	<DL	20.1	2.29	98.6	
0.339	29000	1950	<DL	20900	3.19	8.21	13.5	1230	2.28	4.62	0.07	7.16	<DL	<DL	51	<DL	2.84	<DL	134	<DL	0.696	<DL	21500	<DL	<DL	636	<DL	21.7	2.36	112	
0.289	26400	1350	<DL	17100	5.45	12.6	116	724	3.21	5.73	0.16	28.7	0.095	<DL	27.8	<DL	3.33	0.919	270	<DL	0.694	1.83	7480	0.221	0.516	302	<DL	17.6	2.04	93.7	
0.31	25800	1360	<DL	16600	5.37	12.5	116	713	3.57	5.73	0.147	26.8	0.101	<DL	27.5	<DL	3.16	0.986	281	<DL	0.691	1.74	7330	0.225	0.494	301	<DL	17.3	2.04	93.1	
0.318	28300	1440	<DL	17800	5.33	12.7	114	703	3.02	5.99	0.16	34.5	0.1	<DL	30.1	<DL	3.21	0.927	274	<DL	0.711	1.82	7330	0.248	0.49	306	<DL	18.5	2.17	95.7	
0.306	26500	1460	<DL	21200	5.73	13	120	827	10.7	5.73	0.166	13.5	0.087	<DL	28.9	0.601	3.4	1.03	272	<DL	0.736	1.79	7780	0.094	0.526	320	<DL	17.8	2.09	135	
0.291	25900	1400	<DL	18000	5.32	12.2	113	698	4.31	5.7	0.137	26.1	0.11	<DL	27.2	<DL	3.17	0.94	284	<DL	0.682	1.72	7260	0.192	0.487	297	<DL	17.1	2.03	98.3	
0.315	27300	1300	<DL	14800	5.29	12.5	117	706	3.41	5.87	0.157	33.5	0.096	<DL	29.4	<DL	3.23	0.98	259	<DL	0.68	1.82	7170	0.236	0.494	299	<DL	18.5	2.14	92.7	
0.309	26700	1260	<DL	15200	5.21	12.2	113	723	3.24	6	0.155	31.1	0.093	<DL	28.9	<DL	3.13	0.899	258	<DL	0.684	1.79	7110	0.222	0.47	293	<DL	18.4	2.13	87.4	
0.311	27900	1350	<DL	17100	5.55	12.8	121	810	3.57	6.52	0.133	30.2	0.12	<DL	30.4	<DL	3.27	1.04	313	<DL	0.732	1.89	7620	0.215	0.511	313	<DL	19	2.19	92.6	
0.308	27800	1250	<DL	18300	5.19	12	114	734	4.4	6.11	0.129	23.7	0.097	<DL	30.5	<DL	3.09	0.946	270	<DL	0.678	1.81	7100	0.156	0.471	297	<DL	18.4	2.12	83	
0.313	26300	1330	<DL	17600	6.45	12.5	115	864	7.64	6.83	0.178	25.6	0.134	<DL	28.1	<DL	3.19	1.03	301	<DL	0.703	1.98	7150	0.194	0.524	294	<DL	18.1	2.15	98.8	
0.592	23800	1450	<DL	20900	10.2	23.2	68.4	1420	4.81	10	0.258	39.8	0.123	0.1	36.2	<DL	5.72	1.61	305	<DL	1.23	3.51	10000	0.224	0.922	342	<DL	35.7	3.97	124	
0.466	25500	1370	<DL	16200	7.78	17.9	88.8	1160	4.51	7.66	0.199	40.1	0.091	<DL	34.2	<DL	4.4	1.26	233	<DL	0.992	2.71	8540	0.259	0.691	324	<DL	27.5	3.15	106	
0.351	27700	1310	<DL	13900	5.76	13.4	113	950	3.74	6.2	0.173	40.2	0.081	<DL	32.2	<DL	3.37	1.06	212	<DL	0.739	2.12	7490	0.241	0.54	312	<DL	20.7	2.35	91.6	
0.365	29600	1360	<DL	15400	6	13.7	118	1050	3.87	6.95	0.145	43.1	0.103	<DL	34.3	<DL	3.47	1.12	251	<DL	0.789	2.19	7770	0.258	0.561	323	<DL	22.3	2.45	97.2	
0.367	29300	1310	<DL	15100	5.71	13.3	111	1010	3.53	6.94	0.154	45.4	0.099	<DL	33.9	<DL	3.38	1.08	243	<DL	0.779	2.09	7490	0.283	0.545	315	<DL	21.9	2.43	90.4	
0.348	29200	1300	<DL	14800	5.57	12.7	112	1000	3.02	6.63	0.167	46.3	0.09	<DL	33.5	0.937	3.2	1.04	236	<DL	0.742	2.05	7390	0.268	0.501	317	<DL	21.1	2.34	93.1	
0.405	33600	1380	<DL	16300	5.91	13.6	116	1110	3.17	7.9	0.137	62.4	0.11	<DL	39	<DL	3.51	1.09	280	<DL	0.8	2.23	7800	0.31	0.508	334	<DL	23.9	2.66	101	

40068	A14-1181-034	GMI14-981	60600	1.26	<DL	339	0.439	<DL	59500	1.26	24.6	58.4	137	0.373	199	4.22	2.68	1.9	105000	27.7	4.7	0.066	14700	11.4	14.3
40069	A14-1181-035	GMI14-982	59500	1.7	<DL	374	0.448	<DL	58000	1.33	24.7	59.6	128	0.405	204	4.19	2.74	1.98	106000	29.2	4.82	0.075	13600	11.4	16.1
40070	A14-1181-036	GMI14-983	57000	1.66	<DL	465	0.416	<DL	53200	1.22	24.1	58.9	128	0.366	203	4.09	2.57	2.18	104000	32.2	4.64	0.061	14900	10.9	15.5
40071	A14-1181-037	GMI14-984	55500	1.65	<DL	479	0.563	<DL	50100	1.57	29.3	59.4	128	0.386	219	4.51	2.82	2.31	108000	33.8	5.51	0.088	12200	13.7	20
40072	A14-1181-038	GMI14-985	47200	1.51	<DL	607	0.802	<DL	44200	1.66	23.8	55.5	137	0.26	171	3.79	2.31	2.45	99200	36.8	4.7	0.067	13100	11	22.1
40073	A14-1181-039	GMI14-986	49600	1.37	<DL	445	1.39	<DL	44500	4.7	25.5	53.9	121	0.239	295	3.9	2.43	2.13	98700	32.1	4.86	0.068	10900	11.7	19.5
40074	A14-1181-040	GMI14-987	49500	1.44	<DL	646	0.855	<DL	45600	4.04	24.3	53.9	119	0.193	510	3.81	2.4	2.71	100000	39.9	4.7	0.067	11100	11.5	17.9
40075	A14-1181-041	GMI14-988	52000	2.9	<DL	42.2	0.251	<DL	52300	0.655	9.73	59.7	18.9	0.104	63.1	4.18	2.65	1.29	145000	18.6	3.74	0.07	2290	3.53	6.59
40076	A14-1181-042	GMI14-989	50700	1.64	<DL	442	0.809	<DL	51500	2.8	25.3	54.9	120	0.296	206	4.15	2.58	2.23	101000	31	4.98	0.066	11000	11.9	19.2
40077	A14-1181-043	GMI14-990	48800	1.56	<DL	477	0.64	<DL	47100	2	24.6	54.2	134	0.313	188	3.95	2.53	2.22	99000	32	4.88	0.071	10400	11.4	17.2
40078	A14-1181-044	GMI14-991	47500	1.51	<DL	350	0.761	<DL	45300	1.64	25.9	58	134	0.196	203	4.12	2.54	1.86	106000	27.5	5.04	0.071	8280	12.1	18.6
40079	A14-1181-045	GMI14-992	49900	1.91	<DL	153	1.18	<DL	56000	6.24	25.8	58.3	143	0.12	258	4.12	2.48	1.62	104000	23.7	4.96	0.079	3860	12.3	17.9
40080	A14-1181-046	GMI14-993	50100	1.33	<DL	416	0.427	<DL	50200	2.28	24.2	56.7	130	0.308	206	3.89	2.47	2.15	101000	30.2	4.76	0.075	10400	11.2	16.7
40081	A14-1181-047	GMI14-994	54000	2.06	<DL	468	0.447	<DL	56100	1.65	25	58.9	145	0.387	204	4.1	2.64	2.31	103000	32.6	5.1	0.08	14400	11.6	13.2
40082	A14-1181-048	GMI14-995	54000	1.74	<DL	499	0.404	<DL	53300	1.53	24.6	57	139	0.464	204	4.09	2.67	2.41	102000	33.1	5.04	0.073	14700	11.2	12.8
40083	A14-1181-049	GMI14-996	47200	1.92	<DL	318	0.543	<DL	47300	1.43	23.5	59.4	142	0.282	209	3.75	2.39	1.8	103000	26.1	4.8	0.07	8680	10.9	18.4
40084	A14-1181-050	GMI14-997	49600	1.78	<DL	479	0.405	<DL	51500	1.51	23.7	58.3	134	0.332	203	3.8	2.48	2.38	101000	32.2	4.76	0.06	12500	11	14.4
40085	A14-1181-051	GMI14-998	50700	1.74	<DL	450	0.448	<DL	50200	1.44	24.1	59.7	148	0.278	211	3.94	2.47	2.22	104000	31.7	4.88	0.072	13000	11.3	14.1
40086	A14-1181-052	GMI14-999	49500	1.63	<DL	469	0.433	<DL	49200	1.5	22.7	55.8	127	0.399	196	3.72	2.41	2.22	96200	31.2	4.67	0.073	11500	10.6	15.9
40312	A14-1203-001	GMI14-1000	57400	1.25	1.26	292	2.38	<DL	42100	0.927	26.9	47.5	216	0.156	82.9	2.31	1.54	1.6	80700	28.1	3.15	<DL	6720	16.8	26.4
40313	A14-1203-002	GMI14-1001	68100	2.05	0.875	148	1.36	0.304	76000	0.629	25.1	52.3	186	0.247	105	4.3	2.87	1.47	111000	24.1	3.82	0.075	4820	16.7	20.3
40314	A14-1203-003	GMI14-1002	74700	1.32	0.698	419	1.51	<DL	62400	0.889	24.8	39.5	224	0.298	124	2.64	1.67	2.05	74200	32.7	3.21	<DL	7840	14	18.9
40315	A14-1203-004	GMI14-1003	65700	1.41	0.523	164	1.16	<DL	66600	0.381	12.2	47.9	385	0.22	111	1.84	1.18	1.04	80600	22	1.75	<DL	7410	8.69	29.4
40316	A14-1203-005	GMI14-1004	60000	1.38	0.515	171	2.74	<DL	52700	1.1	34.4	44.9	179	0.148	33.9	2.65	1.66	1.51	96800	24.6	3.95	0.051	7260	21	32.9
40317	A14-1203-006	GMI14-1005	53600	2.05	0.515	83.2	5.31	0.406	76700	2.68	88.8	56.7	370	0.125	80.2	6.63	3.85	3.74	111000	18.7	12.9	0.081	3890	35.2	38.8
40318	A14-1203-007	GMI14-1006	71900	1.98	<DL	137	0.906	<DL	88600	0.551	11	52.7	184	0.143	83.8	4.12	2.57	1.37	106000	22.4	2.94	0.06	5470	4.85	15.6
40319	A14-1203-008	GMI14-1007	69000	1.59	<DL	133	0.861	<DL	80200	0.663	12.6	52.7	177	0.176	84	3.86	2.63	1.35	103000	21.8	2.96	<DL	6050	6.36	21.5
40320	A14-1203-009	GMI14-1008	71300	1.44	<DL	368	1.18	<DL	77500	0.84	21.8	46.9	185	0.118	66.6	3.81	2.43	2.1	95200	32.6	3.68	0.05	6480	11.6	17.1
40321	A14-1203-010	GMI14-1009	65700	1.41	<DL	481	2.22	<DL	38200	1.66	58.1	32.6	131	0.075	81.1	3.23	2.16	2.96	66100	38.6	6.5	<DL	8840	30.3	16.9
40322	A14-1203-011	GMI14-1010	75800	1.44	<DL	403	2.15	<DL	66500	1.42	38	46.1	253	0.105	69.5	3.68	2.29	2.46	86300	34.8	4.94	<DL	7090	20.1	16.5
40323	A14-1203-012	GMI14-1011	70900	1.62	<DL	444	1.41	<DL	61800	0.966	27.5	45.7	190	0.141	83.3	3.17	2.16	2.31	81900	34.7	4.01	<DL	10100	16.2	16.5
40324	A14-1203-013	GMI14-1012	69500	1.35	<DL	531	2.05	0.307	56200	1.54	43.4	45.8	182	0.138	107	3.09	2.06	2.67	81400	39.7	4.86	<DL	11100	28.4	17
40325	A14-1203-014	GMI14-1013	63600	5.59	<DL	349	0.714	<DL	53900	2.11	23	49.6	99.6	0.463	150	4.77	3.13	2.24	110000	32.5	4.4	0.072	14700	10.5	21
40326	A14-1203-015	GMI14-1014	67600	1.06	<DL	350	1.07	<DL	71900	0.86	17	50.9	269	0.18	92.6	2.28	1.49	1.72	79200	29.1	2.47	<DL	7860	10.8	24.9
40327	A14-1203-016	GMI14-1015	68400	1.61	<DL	559	1.82	<DL	51800	1.53	39.8	41.5	225	0.131	112	2.5	1.62	2.71	63600	39.6	4.38	<DL	8940	24.3	19.5
40328	A14-1203-017	GMI14-1016	65100	1.42	<DL	223	0.697	<DL	71700	0.716	7.86	55.9	278	0.396	114	2.22	1.44	1.26	88200	23.1	1.71	<DL	8810	3.84	19.4
40329	A14-1203-018	GMI14-1017	62100	1.95	<DL	492	0.862	<DL	66500	0.889	8.84	52.4	259	0.23	109	2.1	1.38	2.1	84600	33.5	1.83	<DL	10400	4.98	28
40330	A14-1203-019	GMI14-1018	66800	1.97	<DL	284	1.06	<DL	80600	0.803	7.28	56	280	0.181	80	2.19	1.48	1.44	86400	26.1	1.74	<DL	7730	3.7	20
40331	A14-1203-020	GMI14-1019	63900	1.81	<DL	819	1.42	<DL	56300	1.24	27.2	44.6	240	0.12	89.7	2.3	1.48	3.48	72800	47.9	3.62	<DL	9760	17.1	21.5
40332	A14-1203-021	GMI14-1020	65100	1.86	<DL	890	1.86	<DL	52400	1.74	40.3	35.8	190	0.097	85.2	2.92	1.8	4.08	64000	53.4	5.61	<DL	11900	19.7	15.2
40333	A14-1203-022	GMI14-1021	58600	1.74	<DL	544	1.99	<DL	43400	1.29	24.8	38.6	207	0.075	106	2.32	1.48	2.68	67800	37.9	3.59	<DL	7190	14.4	28.9
40334	A14-1203-023	GMI14-1022	58800	1.7	<DL	584	2.15	<DL	49500	1.65	37.4	40.4	221	0.099	175	3.34	2.19	3.21	72000	39.6	5.41	<DL	8590	21.3	28
40335	A14-1203-024	GMI14-1023	61300	1.95	<DL	632	2.02	<DL	60000	1.72	32.9	41.8	225	0.164	97.7	3.49	2.36	3.27	78600	40.7	5.2	0.07	9110	18.1	31.1
40336	A14-1203-025	GMI14-1024	60300	1.69	<DL	683	2.36	<DL	62200	2.08	54.1	39.5	250	0.13	75.4	3.67	2.55	4.05	72100	42.9	7.6	<DL	8100	30.1	26
40337	A14-1203-026	GMI14-1025	59500	2.15	0.785	723	1.96	<DL	46300	2.45	37.2	38.9	181	0.116	125	2.96	2.08	3.87	71400	42.5	5.51	<DL	8610	23.3	20.2
40338	A14-1203-027	GMI14-1026	60200	2.15	0.53	556	1.34	<DL	58200	1.52	22.2	47	204	0.16	99.5	3.03	2.13	2.98	84500	35.6	3.99	0.052	8130	13.7	18.9
40339	A14-1203-028	GMI14-1027	62700	2.89	<DL	379	1.56	<DL	62100	3.81	43.7	49.1	176	0.103	136	3.86	2.64	2.63	91800	30.6	6.11	0.051	8350	32.3	15.3
40340	A14-1203-029	GMI14-1028	59600	2.55	<DL	361	0.852	<DL	61600	1.77	18.7	46.8	161	0.188	105	3.68	2.5	2.44	91700	28.4	3.76	0.069	8840	11.4	16.8
40341	A14-1203-030	GMI14-1029	69300	2.9	<DL	558	1.32	<DL	58100	2.49	43.2	44.1	166	0.247	93.4	4.02	2.75	3.43	86100	38	6.49	0.058	10800	27.8	22.6
40342	A14-1203-031	GMI14-1030	63800	2.24	<DL	1110	1.52	<DL																	

0.369	29500	1300	<DL	16000	5.62	12.8	109	1030	2.96	8.03	0.166	52.1	0.134	<DL	34.2	<DL	3.4	1.03	301	<DL	0.767	2.11	7390	0.306	0.506	311	<DL	21.7	2.47	92.9
0.377	28600	1320	<DL	16900	5.69	13.3	111	1060	3.53	8.96	0.186	48.2	0.163	<DL	34.2	<DL	3.47	1.08	339	<DL	0.76	2.04	7440	0.281	0.513	318	<DL	21.5	2.46	98.2
0.339	26800	1370	<DL	16100	5.57	12.7	113	1000	3.44	8.25	0.164	47.3	0.164	<DL	31.4	<DL	3.32	1.18	336	<DL	0.738	1.96	7350	0.318	0.531	308	<DL	19.4	2.27	103
0.354	25100	1670	<DL	19800	6.54	15.3	109	1260	19.5	8.53	0.211	35.9	0.158	<DL	30.1	<DL	3.76	1.2	340	<DL	0.832	2.28	7420	0.251	0.702	302	<DL	20.5	2.41	129
0.295	22600	1640	<DL	17200	5.6	12.5	104	1060	19.9	7.93	0.16	24.2	0.163	<DL	26	<DL	3.23	1.07	331	<DL	0.71	1.72	6900	0.198	0.524	277	<DL	16.7	2.07	169
0.315	21300	1920	<DL	21600	6.11	13.1	91.5	1120	676	6.04	0.184	22.4	0.086	0.082	26.4	<DL	3.38	1.11	201	<DL	0.744	2.04	7270	0.165	0.643	291	<DL	17	2.15	540
0.296	21100	1840	<DL	19800	5.66	12.7	88.1	1080	644	6.76	0.186	22.8	0.128	0.082	26.3	<DL	3.37	1.19	266	<DL	0.722	1.78	6940	0.158	0.516	297	<DL	16.5	2.06	492
0.339	26000	1820	<DL	19300	3.23	8.12	17	1590	2.53	5.69	0.065	7.14	0.044	<DL	49.8	<DL	2.86	<DL	130	<DL	0.711	<DL	20300	<DL	<DL	609	<DL	21.1	2.32	107
0.338	23300	1930	<DL	21000	5.79	13.5	90.2	1180	168	7.96	0.195	26.9	0.137	0.077	28.9	<DL	3.53	1.05	313	<DL	0.758	2	7210	0.177	0.559	301	<DL	19	2.28	317
0.322	22700	1710	<DL	18000	5.7	12.8	95.5	1150	28.7	8.68	0.182	29.9	0.174	<DL	28.5	<DL	3.44	1.05	338	<DL	0.759	1.96	7020	0.197	0.551	290	<DL	18.7	2.29	201
0.312	22000	1820	<DL	20100	6.21	13.8	103	1320	37.4	8.71	0.223	21	0.182	0.079	27.5	<DL	3.53	1.15	354	<DL	0.797	1.99	7540	0.149	0.609	301	<DL	17.6	2.22	150
0.314	19600	1660	<DL	17100	6.03	13.6	101	1270	186	7.2	0.204	7.52	0.118	0.094	27.8	<DL	3.46	1.12	263	<DL	0.801	1.82	7610	0.06	0.549	320	0.973	17.4	2.17	750
0.326	22400	1520	<DL	17200	5.55	12.6	102	1210	66.4	9.37	0.18	30.9	0.2	0.077	28.8	<DL	3.23	1.02	359	<DL	0.724	1.77	7100	0.211	0.487	301	<DL	17.8	2.1	211
0.356	24600	1350	<DL	14900	5.7	13.3	112	1260	10.1	9.18	0.181	44.4	0.189	0.081	31.3	<DL	3.31	1.02	340	<DL	0.782	2.06	7250	0.272	0.562	304	<DL	19.8	2.39	122
0.347	24300	1260	<DL	14900	5.59	13	105	1250	4.59	9.3	0.195	48.9	0.181	<DL	31.3	<DL	3.44	1.06	347	<DL	0.771	2.03	7120	0.332	0.497	305	<DL	19.7	2.37	103
0.304	21500	1370	<DL	16100	5.52	12.5	124	1300	4.6	7.86	0.206	22.5	0.155	<DL	27.2	<DL	3.33	1.03	296	<DL	0.726	1.72	7160	0.186	0.499	288	<DL	16.5	2.06	99.7
0.308	21700	1280	<DL	14600	5.55	12.4	115	1300	3.92	9.54	0.184	34.3	0.204	<DL	28.1	<DL	3.29	1.08	367	<DL	0.741	1.8	7010	0.268	0.515	286	<DL	17.4	2.1	99.9
0.317	21700	1430	<DL	15300	5.7	13	112	1350	4.45	8.75	0.2	33.6	0.18	<DL	28.1	<DL	3.28	1.09	338	<DL	0.769	1.82	7300	0.283	0.533	297	<DL	17.1	2.07	105
0.314	21700	1450	<DL	15200	5.38	11.9	107	1250	16.5	8.33	0.167	31.7	0.174	<DL	28.2	<DL	3.15	0.96	300	<DL	0.688	1.91	6710	0.233	0.538	283	<DL	17.1	2.17	110
0.198	24200	1140	3.17	31100	5.94	11.7	112	<DL	11.5	7.46	0.114	10.2	0.241	<DL	22.4	<DL	2.52	<DL	406	4.36	0.521	2.87	5450	0.099	1.59	284	1	10.6	1.31	115
0.402	30200	1290	<DL	30000	4.71	12.5	103	277	8.49	9.32	0.081	9.62	0.216	<DL	39.7	<DL	3.28	<DL	389	2.12	0.794	1.48	8660	0.095	1.21	402	1.02	23.8	2.66	91.8
0.235	19900	953	<DL	31900	3.63	11.7	96.8	<DL	10.3	8.42	0.075	17.5	0.259	<DL	23	<DL	2.64	<DL	438	<DL	0.538	2.5	4970	0.142	1.14	265	<DL	13.4	1.5	72.7
0.167	26700	1110	<DL	21400	1.84	5.68	142	<DL	6.96	5.32	<DL	13	0.16	<DL	23.1	<DL	1.55	<DL	270	<DL	0.349	0.759	4400	0.113	0.545	259	<DL	9.44	1.16	87.4
0.231	25600	1260	5.99	24000	4.3	15.8	99.6	351	8.18	11.8	0.091	12.2	0.402	<DL	23.7	<DL	3.3	<DL	680	<DL	0.646	4.12	6020	0.104	2.46	303	0.947	12.3	1.45	133
0.413	48600	1740	5.6	22500	9.32	57.4	166	2670	9.05	11.1	0.239	6.65	0.208	<DL	34.8	<DL	13.4	1.1	375	<DL	1.98	4.92	6950	<DL	2.6	324	<DL	30.9	2.9	161
0.39	28500	1440	3.03	25900	3.43	8.54	107	234	5.42	8.23	0.061	13.3	0.167	<DL	40.9	<DL	2.76	<DL	289	<DL	0.691	<DL	8290	0.095	0.314	371	1.03	22.6	2.54	80.6
0.381	31000	1310	<DL	26200	3.36	8.44	104	216	4.85	9.77	0.072	16.4	0.23	<DL	39.9	<DL	2.75	<DL	396	<DL	0.671	0.858	8150	0.104	0.479	369	1.17	21.9	2.44	75.8
0.35	25000	1220	<DL	32100	3.5	12.2	98.7	286	8.1	11.2	0.092	13.2	0.331	<DL	34.8	<DL	3.26	<DL	503	<DL	0.724	1.74	7400	0.094	0.998	342	0.866	20.2	2.3	82.5
0.246	15600	867	<DL	41900	6	27.1	65.3	272	10.4	12.4	0.133	13	0.424	<DL	17.1	<DL	5.14	0.755	667	<DL	0.867	4.36	4990	0.109	2.26	240	<DL	13.9	1.55	94.1
0.304	22600	1200	<DL	40200	5.41	17.8	113	271	22.6	14	0.134	11	0.446	<DL	30.5	<DL	4.01	<DL	711	<DL	0.798	4.21	6240	0.079	1.77	316	<DL	18.2	2.1	95.9
0.302	23800	1110	<DL	36200	4.17	13.1	105	149	13	10.8	0.091	20.8	0.315	<DL	29.5	<DL	3.09	<DL	504	<DL	0.702	3.51	6030	0.141	1.7	310	<DL	16.9	1.98	82.5
0.283	23800	1040	3.71	39300	5.28	17.1	101	256	67.6	11.4	0.124	17.9	0.35	<DL	27.3	<DL	3.45	<DL	561	<DL	0.734	4.5	5870	0.124	2.52	301	<DL	15.9	1.81	89
0.447	23800	1560	<DL	20300	6.22	14.2	79.5	500	5.5	9.17	0.172	50.5	0.178	<DL	32.6	<DL	3.85	1.09	279	<DL	0.916	1.59	8850	0.323	0.408	367	<DL	24.4	2.89	98
0.218	30300	1090	4.04	27500	2.45	7.52	154	28.7	16.6	8.21	0.084	17.9	0.244	<DL	30.8	<DL	1.88	<DL	395	<DL	0.439	1.57	4820	0.127	0.898	283	<DL	12.3	1.46	85.6
0.226	19400	936	<DL	38400	4.39	16.2	126	73.3	44.9	11.8	0.123	16	0.408	<DL	23.5	<DL	3.24	<DL	601	<DL	0.646	4.56	4190	0.112	2.66	237	<DL	12.4	1.47	95.1
0.209	37500	1140	8.52	33100	1.92	5.04	170	19	9.87	5.87	0.059	19.3	0.148	<DL	32.5	<DL	1.56	<DL	242	<DL	0.371	1.06	4930	0.137	0.588	297	<DL	11.7	1.39	65.3
0.222	37600	1170	7.3	23000	1.82	4.86	157	49.4	12.2	7.07	0.067	24.8	0.205	<DL	31.5	<DL	1.42	<DL	303	<DL	0.374	1.58	4790	0.176	0.903	288	<DL	11.2	1.46	94.8
0.215	36200	1280	<DL	25000	2.47	4.6	169	114	16.4	6.68	0.097	15.9	0.157	<DL	33.7	<DL	1.44	<DL	272	<DL	0.371	1.23	4960	0.136	0.745	293	<DL	11.9	1.42	78.6
0.23	26300	1080	<DL	30700	3.44	11.7	138	164	14.7	12.2	0.084	18.2	0.434	<DL	26.6	<DL	2.58	<DL	599	<DL	0.537	3.9	4520	0.158	1.74	250	<DL	11.4	1.45	111
0.237	15900	872	<DL	36200	4.47	21.1	100	458	21.8	18	0.181	20.3	0.649	<DL	22.7	<DL	4.48	<DL	889	<DL	0.784	4.27	4550	0.165	1.81	228	<DL	13.4	1.61	102
0.211	16800	1040	<DL	35100	4.37	11.7	115	253	23.1	12.4	0.125	10.2	0.432	<DL	22.2	<DL	2.57	0.748	597	<DL	0.548	2.32	4680	0.103	1.9	249	<DL	10.4	1.28	122
0.296	18600	975	<DL	36300	4.59	18.5	89.7	1040	30.3	14.2	0.107	12.5	0.458	<DL	25.9	<DL	4.15	0.982	620	<DL	0.824	2.97	5620	0.103	1.93	262	<DL	15.7	1.93	115
0.315	23900	1110	<DL	31500	4.25	17.1	102	1080	51.7	14.7	0.145	16.4	0.444	<DL	30.4	<DL	3.87	0.953	625	<DL	0.802	2.5	5740	0.129	1.81	288	<DL	17	2.04	125
0.307	23700	1070	<DL	34700	5.35	26.2	100	1370	23	18.4	0.172	14.8	0.617	<DL	27.4	<DL	5.52	0.893	752	<DL	1.07	4.81	5170	0.1	2.25	251	<DL	17.6	2.06	117
0.268	17200	1050	<DL	3530																										

40475	A14-1203-042	GMI14-1041	63200	2.77	<DL	441	0.563	<DL	54400	2.7	19.4	56.5	115	0.343	197	3.99	2.74	2.96	105000	33.4	4.56	0.095	13900	9.84	26.8
40476	A14-1203-043	GMI14-1042	50900	1.98	<DL	290	2.2	<DL	53300	1.3	31.2	53.6	283	0.156	193	2.36	1.73	2.11	81700	24.7	4.86	<DL	7140	18	42.3
40477	A14-1203-044	GMI14-1043	62300	2.2	<DL	195	1.79	<DL	66300	3.67	26.7	48.1	258	0.135	98	2.42	1.67	1.73	73600	23.5	4.42	0.075	5020	15.6	27.9
40478	A14-1203-045	GMI14-1044	61300	2.34	<DL	271	2.34	<DL	57600	2.03	34	48.2	255	0.182	98.3	2.23	1.62	1.92	77600	25.7	4.77	0.053	6760	24.9	30.1
40479	A14-1203-046	GMI14-1045	59500	1.8	<DL	261	1.61	<DL	59000	1.89	19.2	49.5	262	0.145	88.9	2.16	1.57	1.89	73100	24.1	3.65	0.063	6800	13.2	24.8
40480	A14-1203-047	GMI14-1046	64700	1.82	<DL	844	4.66	<DL	31000	3	33.7	25.5	171	0.082	144	2.01	1.48	4.73	44400	49.8	5.89	<DL	20400	19.9	11.2
40481	A14-1203-048	GMI14-1047	59200	2.38	<DL	453	2.86	<DL	46200	2.13	19.2	42	227	0.167	126	1.85	1.48	2.88	65500	32.7	4	0.057	8620	10.9	24.6
40482	A14-1203-049	GMI14-1048	60100	3.32	<DL	345	1.3	<DL	60100	2.05	13.5	52.3	228	0.513	211	2.58	1.89	2.49	85100	28	3.68	0.071	6640	8.59	30.3
40483	A14-1203-050	GMI14-1049	59500	3.26	<DL	557	1.59	<DL	57200	3.11	16.5	46	170	0.386	160	3.14	2.44	3.66	83000	35.4	5.06	0.098	5850	9.68	24.2
40484	A14-1203-051	GMI14-1050	59300	3.93	0.521	181	1.33	0.313	60000	2.58	13.6	49	169	0.251	241	3.49	2.71	1.87	92500	22.4	4.67	0.108	4510	8.31	23.2

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
40059	A14-1181-025	GMI14-972	57500	1.11	<DL	196	0.414	<DL	60500	1.06	22.8	58.3	144	0.328	174	3.76	2.36	1.41	103000	22.2	4.18	0.064	7340	10.4	19.6
		GMI14-972 DUP	57900	1.41	<DL	208	0.47	<DL	63300	0.981	24	61.6	149	0.317	187	4.01	2.55	1.51	109000	23.1	4.26	0.056	7710	11.2	19.7
40086	A14-1181-052	GMI14-999	49500	1.63	<DL	469	0.433	<DL	49200	1.5	22.7	55.8	127	0.399	196	3.72	2.41	2.22	96200	31.2	4.67	0.073	11500	10.6	15.9
		GMI14-999 DUP	48700	1.59	<DL	476	0.43	<DL	49100	1.57	22.9	56.1	127	0.366	202	3.75	2.44	2.29	97100	31.5	4.79	0.058	11600	10.6	15.4
40336	A14-1203-025	GMI14-1024	60300	1.69	<DL	683	2.36	<DL	62200	2.08	54.1	39.5	250	0.13	75.4	3.67	2.55	4.05	72100	42.9	7.6	<DL	8100	30.1	26
		GMI14-1024 DUP	57900	1.96	<DL	666	2.25	<DL	59800	2.05	52.3	38.4	247	0.096	99.3	3.75	2.44	3.85	70800	42.3	7.42	0.053	7960	29.7	23.8
40484	A14-1203-051	GMI14-1050	59300	3.93	0.521	181	1.33	0.313	60000	2.58	13.6	49	169	0.251	241	3.49	2.71	1.87	92500	22.4	4.67	0.108	4510	8.31	23.2
		GMI14-1050 DUP	59600	4.63	<DL	185	1.48	<DL	61600	2.73	13.8	51.9	170	0.215	254	3.66	2.64	1.87	96500	23	4.54	0.081	4710	8.53	23.2



0.364	19600	1290	<DL	18700	5.32	11.5	102	1260	4.11	12.3	0.228	36.7	0.265	<DL	42.8	<DL	3.2	1.08	292	<DL	0.795	1.35	6980	0.299	0.334	312	<DL	18.5	2.53	106
0.202	25100	1310	<DL	24200	3.86	14.8	159	1110	24.2	16.6	0.094	12.5	0.611	<DL	42.7	<DL	3.14	1.02	584	<DL	0.681	1.3	4590	0.112	0.883	301	<DL	10.1	1.5	134
0.222	23600	1140	5.56	30000	3.69	12.6	155	1020	123	19.8	0.109	8.04	0.735	<DL	38.3	<DL	2.74	0.898	682	<DL	0.631	1.8	4440	0.084	1.18	268	<DL	11.8	1.53	195
0.239	25600	1140	<DL	31100	4.38	12	154	1190	34.1	16	0.186	11.5	0.54	<DL	38	<DL	2.39	0.84	509	<DL	0.614	2.32	4510	0.103	1.45	272	<DL	11.4	1.59	114
0.209	25800	1040	3.27	25200	2.87	8.55	169	1270	71.1	13.9	0.156	10.6	0.445	<DL	38.8	<DL	1.92	0.775	404	<DL	0.524	1.56	4350	0.098	1.08	248	<DL	10.7	1.39	96.9
0.195	12300	790	<DL	40500	10.5	14.7	92.3	1450	19.6	13	0.32	29.1	0.406	<DL	23.4	<DL	2.7	1.1	354	<DL	0.697	8.44	2810	0.184	5.28	147	<DL	8.91	1.3	107
0.201	20700	978	<DL	33000	5.02	8.79	134	1660	10.9	16.5	0.213	13.3	0.515	<DL	35.6	<DL	2.02	0.893	474	<DL	0.523	3.63	3770	0.12	2.07	229	<DL	8.92	1.35	136
0.272	23900	1080	7.94	26700	2.85	7.51	142	2350	18	17.2	0.218	16	0.404	<DL	43.3	<DL	1.99	0.886	363	<DL	0.629	1.41	5310	0.16	0.841	291	<DL	11.8	1.84	166
0.36	25100	1040	3.99	31600	3.63	9.54	106	2640	16.9	21	0.349	13.1	0.415	<DL	42.3	<DL	2.61	1.2	370	<DL	0.773	2.06	5860	0.113	1.18	296	<DL	16	2.51	186
0.41	25200	1190	5.61	30800	3.43	8.03	103	2800	33.3	23.9	0.286	8.89	0.47	<DL	45.9	<DL	2.46	1.1	413	<DL	0.809	1.21	6700	0.101	0.658	331	<DL	17.8	2.82	186

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06
0.308	27800	1250	<DL	18300	5.19	12	114	734	4.4	6.11	0.129	23.7	0.097	<DL	30.5	<DL	3.09	0.946	270	<DL	0.678	1.81	7100	0.156	0.471	297	<DL	18.4	2.12	83
0.309	27500	1310	<DL	18700	5.49	12.6	121	832	4.34	6.38	0.142	22.9	0.111	<DL	30.2	<DL	3.27	1.04	282	<DL	0.707	1.84	7500	0.152	0.495	306	<DL	18.7	2.16	89.7
0.314	21700	1450	<DL	15200	5.38	11.9	107	1250	16.5	8.33	0.167	31.7	0.174	<DL	28.2	<DL	3.15	0.96	300	<DL	0.688	1.91	6710	0.233	0.538	283	<DL	17.1	2.17	110
0.309	20900	1450	<DL	14900	5.4	12	107	1300	15.6	8.39	0.17	29.8	0.174	<DL	27.7	<DL	3.05	0.999	298	<DL	0.727	1.85	6830	0.225	0.526	288	<DL	16.7	2.11	114
0.307	23700	1070	<DL	34700	5.35	26.2	100	1370	23	18.4	0.172	14.8	0.617	<DL	27.4	<DL	5.52	0.893	752	<DL	1.07	4.81	5170	0.1	2.25	251	<DL	17.6	2.06	117
0.288	22100	1040	<DL	33500	5.25	25.6	97.9	1370	25.2	17.7	0.166	14.3	0.561	<DL	26.1	<DL	5.34	0.985	722	<DL	1.01	4.54	5040	0.103	2.17	244	<DL	16.7	1.96	114
0.41	25200	1190	5.61	30800	3.43	8.03	103	2800	33.3	23.9	0.286	8.89	0.47	<DL	45.9	<DL	2.46	1.1	413	<DL	0.809	1.21	6700	0.101	0.658	331	<DL	17.8	2.82	186
0.394	24800	1230	5.82	31400	3.5	8.46	107	2960	35	24.8	0.252	8.89	0.489	<DL	48.1	<DL	2.57	1.11	426	<DL	0.815	1.31	7000	0.079	0.686	343	<DL	18.1	2.78	196

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2340	3.95							19200			216000				16400						
		CRM PTM-1a #2		2330	2.86							18400			213000				14800						
		CRM PTM-1a #3		2080	3.36							18200			198000				15200						
		CRM PTM-1a #4		2070	4.22							17600			196000				17700						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	46200	3.6		383	0.45	2.24	24500	3.47	33.3	597	308	0.278	9790	1.43	0.836	1.4	263000	20.6	3.5		7100	17.6	
		CRM SU-1b #2	42000	5.22		386	0.401	2.33	23100	4.07	34	609	333	0.286	10300	1.39	0.891	1.7	254000	21.8	4.34		6790	17.9	
		CRM SU-1b #3	46000	5.35		366	0.566	2.22	23900	4.07	29.8	613	310	0.324	9150	1.43	0.989	1.92	258000	22.6	4.04		6600	16.8	
		CRM SU-1b #4	43900	6.75		385	0.559	2.75	23600	6.1	24.6	605	298	0.345	9030	1.44	1.19	2.55	248000	22.2	5.98		6310	14.8	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	58000	23.6		129		32.1	24800	10.5		154	192	0.465	2160				224000	45.1		1.72	5580	8.23	12.5
		CRM RTS-3a #2	48800	20.6		125		32.5	22400	11.1		148	179	0.441	2110				205000	42		1.68	5110	8.26	10.2
		CRM RTS-3a #3	53800	21.6		118		31.6	23300	11.1		141	168	0.456	1880				210000	44		1.8	4910	7.85	16.8
		CRM RTS-3a #4	50100	21.9		122		33.6	22300	14.3		133	156	0.471	2000				194000	42		1.84	4460	6.42	16.3
		<b>Certified Values:</b>																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	61000	22.3		647	1.22		17400	1.92	92.3	31.5	72.8	2.38	41	4.71		2.84	40800				19300	48.4	17.9
		CRM LKSD-3 #2	55300	21.2		657	1.12		16300	2.35	87.4	30.1	68.4	2.45	41	4.67		3.19	37700				18300	48.3	16.7
		CRM LKSD-3 #3	62000	19.9		643	1.49		17500	3.09	76.3	29.4	64.8	2.42	39.9	4.63		3.67	38400				18700	46.5	28.7
		CRM LKSD-3 #4	62200	20.3		697	1.43		18400	7.63	61.9	30.6	64.2	2.12	80	4.7		5.28	38400				18700	41.5	30.9

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			ug/L 1	ug/L 0.2	ug/L 0.5	ug/L 0.2	ug/L 0.05	ug/L 0.3	ug/L 5	ug/L 0.05	ug/L 0.04	ug/L 0.03	ug/L 0.4	ug/L 0.04	ug/L 0.05	ug/L 0.02	ug/L 0.02	ug/L 0.02	ug/L 1	ug/L 0.02	ug/L 0.05	ug/L 0.05	ug/L 6	ug/L 0.03	ug/L 0.02
		<b>Actual Spike Values:</b>		<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>			<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>
		Spike #1		10.1	10.2		9.8	10		9.93	9.77			10.2	9.74	9.82	9.89		10.1	9.91	10		10.2	9.37	
		Spike #4		10.3	11.3		7.64	10.3		9.26	11			10.2	9.88	9.79	10.1		9.39	11.7	9.29		10.3	6.26	
		Spike #7		10.5	11.1		10.1	9.49		9.92	9.59			10.1	9.54	9.52	9.66		9.86	9.49	10		9.98	10.1	
		Spike #10		9.34	11.1		9.57	9.82		10.3	9.11			10.4	9.54	9.56	9.52		9.56	10.8	9.98		9.9	10.2	
		<b>Actual Spike Values:</b>				<b>100</b>						<b>100</b>	<b>100</b>		<b>100</b>										
		Spike #2				102						100	98.7		97.1										
		Spike #5				84.3						87.4	84.8		88.3										
		Spike #8				100						104	99.4		99.2										
		Spike #11				85.6						80.7	76.5		78.7										
		<b>Actual Spike Values:</b>	<b>10000</b>						<b>10000</b>										<b>10000</b>					<b>10000</b>	
		Spike #3	9840						9710										9820				9870		
		Spike #6	10100						10300										11000				11100		
		Spike #9	10200						10100										9710				10200		
		Spike #12	10000						9760										11500				10100		



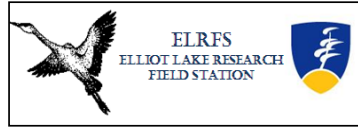
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-017

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

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**Batch: 14-1182 (51) & 14-1183 (50)**

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**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 51 + 50  
Dates Analysed/ Analyst: Oct 22 - Dec 15, 2014 / Troy Maki  
Submission Date: 2014 12 18

**Dr. Graeme Spiers - ELRFS Director**

QC Note: The last 50% of this batch does not contain Sc results due to QC failure.

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40087	A14-1182-001	GMI14-1151	62000	1.79	1.1	476	0.674	<DL	63200	1.6	21.2	60.4	170	0.349	185	3.98	2.52	2	115000	31.9	3.85	0.065	16700	11.4	19.6
40088	A14-1182-002	GMI14-1152	64800	1.52	0.528	422	0.577	<DL	63400	1.5	20.3	58.4	161	0.393	177	3.95	2.52	1.89	109000	30	3.8	0.063	15900	10.6	18.8
40089	A14-1182-003	GMI14-1153	56700	1.64	<DL	345	0.581	<DL	59300	1.52	20	58.6	158	0.232	183	3.74	2.25	1.78	108000	27.6	3.69	0.065	13900	10.5	19
40090	A14-1182-004	GMI14-1154	53800	2.04	<DL	281	0.737	<DL	56600	1.42	20.3	56.7	139	0.241	163	3.36	2.14	1.62	103000	25.5	3.56	0.062	10600	10.6	21.1
40091	A14-1182-005	GMI14-1155	51200	1.74	<DL	283	0.622	<DL	53300	1.41	20.3	58.5	141	0.24	180	3.51	2.23	1.64	108000	25.1	3.75	0.06	10400	10.3	22
40092	A14-1182-006	GMI14-1156	51200	1.73	<DL	212	0.836	<DL	56300	1.3	20.2	58.3	134	0.159	173	3.49	2.18	1.46	107000	22.9	3.64	0.068	8050	10.1	20
40093	A14-1182-007	GMI14-1157	50300	1.69	<DL	160	0.995	<DL	54500	1.16	18.8	56.9	128	0.13	153	3.13	2.05	1.24	103000	21	3.38	0.054	5650	9.4	19.7
40094	A14-1182-008	GMI14-1158	55600	0.875	<DL	345	2.88	0.347	43800	1.72	40.3	42	240	0.059	102	2.12	1.39	1.63	65100	30.1	4.04	<DL	8890	28.4	13.1
40095	A14-1182-009	GMI14-1159	58100	1.42	<DL	393	2.52	<DL	42100	1.69	29.2	43.1	258	0.078	110	1.96	1.37	1.69	65200	31.7	3.31	<DL	12500	18.8	13.5
40096	A14-1182-010	GMI14-1160	64400	1.01	<DL	623	3.94	<DL	29600	2.28	54.8	29.3	1110	0.134	51.1	1.99	1.31	2.41	57500	46.5	4.94	<DL	21500	37.8	14.2
40097	A14-1182-011	GMI14-1161	54700	1.95	<DL	281	1.85	<DL	51400	0.981	34.6	47.5	284	0.128	150	1.72	1.2	1.25	77000	27.1	3.12	<DL	8120	28.1	14.9
40098	A14-1182-012	GMI14-1162	54900	1.11	<DL	293	1.91	<DL	44000	1.42	29.8	42.4	286	0.061	105	1.68	1.09	1.32	70600	28.7	2.93	<DL	9870	21.4	11.1
40099	A14-1182-013	GMI14-1163	57800	1.13	<DL	276	1.72	<DL	54100	1.29	27.2	47.3	293	0.134	118	1.75	1.15	1.31	78600	28.6	2.81	<DL	7980	21.5	15.1
40100	A14-1182-014	GMI14-1164	50600	3.24	<DL	40.7	0.358	<DL	52200	0.797	8.58	60.1	19.5	0.063	73	3.89	2.39	1.23	151000	19	3.08	0.07	2190	3.29	7.88
40101	A14-1182-015	GMI14-1165	57900	1.52	<DL	353	1.2	<DL	51900	1.13	23.5	47.9	283	0.086	79.8	1.88	1.3	1.56	75000	28.3	2.74	<DL	10000	16.9	8.04
40102	A14-1182-016	GMI14-1166	55700	0.996	<DL	315	1.32	<DL	61800	0.908	24.4	55.9	302	0.07	157	1.89	1.3	1.48	88100	28.6	2.86	<DL	7860	18.5	9.75
40103	A14-1182-017	GMI14-1167	53600	1.22	<DL	371	2.6	<DL	43800	1.78	29.9	38.3	262	0.073	109	1.63	1.12	1.65	62900	31.9	3.1	<DL	12700	21.6	10.3
40104	A14-1182-018	GMI14-1168	57900	1.33	<DL	350	2.88	<DL	38400	1.81	26.4	43.4	268	0.077	133	1.48	1.06	1.5	64500	32.6	2.82	<DL	14700	18.8	13.4
40105	A14-1182-019	GMI14-1169	54300	1.51	<DL	567	2.51	<DL	39500	2.25	23.6	39.1	249	0.099	129	1.52	1.11	2.22	61400	41.7	2.58	<DL	15500	16.5	10.1
40106	A14-1182-020	GMI14-1170	60100	0.877	<DL	451	3.16	<DL	35200	2.68	28.2	33.1	247	0.15	126	1.48	1.13	1.83	54900	37.6	2.93	<DL	17200	18.8	9.04
40107	A14-1182-021	GMI14-1171	72800	1	<DL	538	3.99	<DL	14300	3.36	60.1	10.3	150	0.232	35.2	1.57	1.21	2.48	23700	45.6	5.76	<DL	32900	37.4	1.75
40108	A14-1182-022	GMI14-1172	55300	1.07	<DL	339	3.22	<DL	25600	2.2	49.8	36.9	241	0.088	47	1.81	1.32	1.89	55000	34.2	5.39	<DL	19300	29.8	13.3
40109	A14-1182-023	GMI14-1173	48200	1.65	<DL	259	1.47	<DL	50200	0.906	15	73	313	0.115	164	1.81	1.21	1.36	98000	25.8	2.29	<DL	8920	9.69	15.7
40110	A14-1182-024	GMI14-1174	50100	1.6	<DL	322	1.42	0.942	56200	0.967	15.1	50.8	309	0.119	124	1.78	1.14	1.54	82200	28.8	2.27	<DL	10400	10.6	11.7
40111	A14-1182-025	GMI14-1175	46600	1.52	<DL	269	0.96	<DL	54100	0.837	11.8	58.3	317	0.089	152	1.78	1.16	1.37	86800	24.9	1.98	<DL	8740	8.44	12.8
40112	A14-1182-026	GMI14-1176	51100	2.16	<DL	235	1.68	<DL	49100	1.77	19.7	48.1	279	0.1	89.7	1.62	1.1	1.31	72400	24.7	2.63	<DL	10700	15.6	12.6
40113	A14-1182-027	GMI14-1177	48000	1.52	<DL	408	1.71	<DL	37600	2.7	29.2	37.2	241	0.082	104	1.72	1.23	1.89	61600	32.5	3.62	<DL	17300	20.2	16.5
40114	A14-1182-028	GMI14-1178	58300	12.5	<DL	430	1.76	<DL	46900	1.66	22.8	42.7	267	0.378	93	2.13	1.49	2.13	71600	32.5	3.55	0.051	12100	12.9	36.1
40115	A14-1182-029	GMI14-1179	53600	2.33	<DL	236	0.667	<DL	64500	0.869	8.74	56.9	325	0.174	132	2.04	1.38	1.35	87500	22.7	2	<DL	7900	4.84	19.1
40116	A14-1182-030	GMI14-1180	50500	2.24	<DL	214	0.922	<DL	55400	1.56	12	50.1	298	0.149	104	1.86	1.19	1.22	79000	21.9	2.07	<DL	8430	7.87	13.7
40117	A14-1182-031	GMI14-1181	47700	2.61	<DL	256	1.14	<DL	51900	2.33	12.6	49.8	285	0.143	119	1.7	1.21	1.38	76900	23.9	2.15	<DL	9460	9.13	16.8
40118	A14-1182-032	GMI14-1182	65400	3.28	<DL	388	0.682	<DL	62900	2.97	30.2	54.1	133	0.67	167	5.64	3.68	2.72	110000	32.5	6.4	0.099	10200	15.4	18.4
40119	A14-1182-033	GMI14-1183	53500	3.41	<DL	372	0.642	<DL	49500	3.15	29.2	51.8	90.7	0.262	184	5.49	3.51	2.74	110000	32.5	6.56	0.1	11500	13.8	17.9

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.322	27900	1440	<DL	14500	7.88	12	116	793	3.22	6.73	0.175	38.6	0.125	0.085	31.1	<DL	3.16	1.16	280	7.72	0.716	2.3	7310	0.302	0.562	295	1.37	19	2.19	129	
0.348	31200	1310	<DL	13600	5.8	11.5	113	811	4.88	6.84	0.133	43.8	0.121	<DL	33.3	<DL	3.07	0.996	259	2.86	0.703	1.99	6900	0.286	0.526	284	1.03	20.7	2.27	121	
0.296	24500	1290	<DL	13800	5.61	11.3	116	838	3.15	6.84	0.13	29.5	0.139	<DL	28.2	1.19	2.92	0.976	283	<DL	0.686	1.77	6840	0.273	0.508	275	<DL	17.2	2.05	118	
0.262	21500	1250	<DL	18300	5.68	11.3	114	868	8.06	6.91	0.152	23.5	0.162	0.123	24.8	<DL	2.85	0.934	308	<DL	0.631	1.78	6670	0.205	0.566	267	3.41	14.6	1.78	111	
0.273	21500	1370	<DL	16700	5.66	11.4	118	862	4.02	7.92	0.138	23.6	0.194	<DL	25.7	<DL	2.89	0.897	356	<DL	0.675	1.66	7070	0.212	0.517	274	1.06	15.3	1.94	124	
0.266	20800	1450	<DL	17700	5.83	11.2	113	868	15.3	7.12	0.142	18.8	0.17	<DL	26.3	<DL	2.89	0.961	314	<DL	0.669	1.61	7260	0.16	0.516	285	<DL	14.7	1.85	135	
0.238	18800	1410	<DL	17700	5.45	10.3	108	834	34.3	6.57	0.126	13.4	0.149	<DL	24.1	<DL	2.6	1.01	293	<DL	0.613	1.49	6820	0.105	0.458	278	<DL	13.1	1.74	141	
0.168	14300	752	<DL	32800	8.07	13.2	103	418	22.2	7.82	0.196	11.4	0.231	<DL	19.6	<DL	2.44	<DL	416	<DL	0.492	7.34	3670	0.102	5.11	212	<DL	9.58	1.19	94.7	
0.166	16900	733	<DL	31100	7.47	10.5	109	293	16.7	7.25	0.195	17.5	0.22	<DL	22.3	<DL	2.19	<DL	367	<DL	0.448	7.87	3520	0.131	3.98	204	<DL	9.47	1.19	90.5	
0.169	10900	597	7.35	35000	13.7	16.4	103	313	19.5	8.18	0.261	35.9	0.248	0.117	16.1	<DL	2.78	1.27	411	<DL	0.524	14.4	2810	0.239	10.2	132	0.963	9.56	1.16	96	
0.151	18000	748	<DL	24900	5.62	8.75	127	287	34.1	7.19	0.096	11.7	0.21	<DL	24.4	<DL	1.66	<DL	366	<DL	0.386	5.33	3990	0.108	3.05	221	<DL	8.5	1.07	77.9	
0.151	13800	645	3.9	29800	7.64	8.98	112	335	44.7	6.88	0.188	12.9	0.209	<DL	19.6	<DL	1.76	<DL	357	<DL	0.364	8.8	3580	0.125	5.71	211	<DL	7.48	1.02	72.1	
0.142	15400	744	3.61	28300	4.79	7.67	128	308	43.4	10.1	0.169	11.5	0.313	<DL	24	<DL	1.5	<DL	547	<DL	0.357	7.49	4000	0.095	3.56	233	<DL	8.1	1.04	82.9	
0.319	23500	1820	<DL	19200	3.28	7.46	18.3	1460	2.51	5.85	0.068	5.55	0.062	<DL	46.2	<DL	2.57	<DL	127	<DL	0.663	<DL	19600	<DL	<DL	575	<DL	19	2.2	133	
0.168	17700	715	3.66	31400	3.99	7.67	129	369	22.4	6.81	0.108	15.2	0.182	<DL	25.3	<DL	1.71	<DL	328	<DL	0.394	4.7	4200	0.122	2.24	233	<DL	9.06	1.19	66.5	
0.168	19200	843	<DL	25900	3.46	8.44	150	411	24.7	7.11	0.111	11.3	0.217	<DL	26.7	<DL	1.81	<DL	351	<DL	0.408	2.98	4480	0.096	1.46	250	<DL	8.92	1.16	83.7	
0.141	14600	609	<DL	28000	7.03	8.87	106	310	25.9	6.9	0.21	20	0.208	<DL	20.2	<DL	1.66	<DL	341	<DL	0.372	10.9	3200	0.145	5.95	204	<DL	8.05	1.05	72.2	
0.147	13000	589	3.25	32400	9.08	8.18	112	305	64.2	6.71	0.196	22	0.202	<DL	20.7	<DL	1.6	<DL	334	<DL	0.336	8.9	3410	0.155	7.09	213	<DL	7.54	0.954	79.6	
0.135	13300	579	<DL	29000	7.7	7.56	98.3	319	49.2	7.63	0.236	26.4	0.233	<DL	17.9	<DL	1.47	<DL	374	<DL	0.328	12.2	3210	0.212	6.85	193	<DL	7.2	0.927	90.5	
0.157	13000	542	<DL	33800	8.85	9.21	85	431	43.3	7.07	0.319	30.8	0.211	<DL	18.1	<DL	1.71	<DL	345	<DL	0.356	21.8	2980	0.213	8.39	175	<DL	8.07	1.02	79.8	
0.135	7910	308	<DL	43500	11.7	20	31.5	832	18.8	6.91	0.373	78.9	0.199	<DL	6.53	<DL	3.18	0.832	316	<DL	0.543	23.1	1670	0.421	8.78	59	<DL	8.62	0.957	75.5	
0.139	12000	558	<DL	35700	8.33	17.9	90.6	919	16.4	6.78	0.253	33	0.184	<DL	15.1	<DL	3.06	0.866	302	<DL	0.593	9.04	3160	0.218	4.74	156	<DL	8.1	0.986	104	
0.151	21300	869	<DL	23600	3.54	6.32	146	465	16.7	7.23	0.103	13.6	0.21	<DL	25.4	<DL	1.61	<DL	340	<DL	0.377	1.84	4460	0.132	1.63	263	<DL	8.09	1.05	94.7	
0.152	21200	967	<DL	23700	4.05	5.85	138	454	818	9.23	0.123	18.4	0.306	<DL	24	<DL	1.39	<DL	415	<DL	0.347	3.13	4260	0.156	2.5	257	<DL	8.23	1.1	109	
0.142	23100	1030	4	21500	2.82	4.97	148	447	78.1	9.17	0.08	15.3	0.281	<DL	24.3	<DL	1.35	<DL	417	<DL	0.334	1.13	4500	0.123	1.08	269	<DL	7.75	1.05	99.8	
0.154	19900	900	4.26	28200	6.3	6.24	128	50.6	32	9.03	0.197	17.8	0.287	<DL	20.7	<DL	1.41	0.718	414	<DL	0.352	6.17	4040	0.16	3.24	239	1.05	7.87	1.05	87.4	
0.15	15700	784	<DL	26500	5.71	9.22	105	8.96	127	8.91	0.323	27.8	0.265	<DL	16.4	<DL	1.8	0.732	384	<DL	0.419	10.3	3400	0.246	3.92	200	<DL	8.35	1.19	102	
0.216	23600	1070	<DL	27400	4.88	9.87	125	191	118	10.1	0.111	27.8	0.313	0.214	25.8	<DL	2.08	0.915	400	<DL	0.469	2.51	4270	0.216	1.36	232	1.16	11.1	1.52	136	
0.18	27200	1040	<DL	21200	3.43	4.63	158	140	15.1	11.6	0.1	16.4	0.375	<DL	26.5	<DL	1.3	<DL	506	<DL	0.38	0.972	4720	0.132	0.763	277	<DL	9.61	1.28	87.4	
0.176	26800	945	<DL	25100	3.55	5.12	142	111	30.4	8.88	0.149	16.6	0.264	<DL	24.7	<DL	1.41	<DL	360	<DL	0.343	4.13	4490	0.116	1.5	249	<DL	8.9	1.2	98.8	
0.149	24800	943	<DL	23900	3.37	5.12	138	147	57.6	10.1	0.135	15.6	0.318	<DL	22.4	<DL	1.27	<DL	425	<DL	0.328	3.12	4340	0.145	2.45	249	<DL	8.01	1.05	139	
0.529	27500	1310	<DL	20800	7.56	16.4	94	855	6.44	14.4	0.292	39.5	0.24	0.07	34.9	<DL	4.35	1.51	308	<DL	1.09	2.17	8150	0.248	0.673	347	<DL	30.2	3.56	137	
0.478	18500	1290	<DL	22300	8.02	17.1	76.7	912	3.83	13.5	0.284	34.1	0.25	<DL	26.9	<DL	4.49	1.51	338	<DL	1.13	1.86	8520	0.23	0.858	334	<DL	24.9	3.22	139	

40120	A14-1182-034	GMI14-1184	57400	3.96	<DL	404	0.578	<DL	53300	3.29	30	51.7	86.5	0.383	176	5.85	3.8	2.84	111000	33.8	6.72	0.105	13400	14.5	16.9
40121	A14-1182-035	GMI14-1185	57400	2.99	<DL	355	0.627	<DL	54900	3.31	30.3	53.7	91.8	0.307	181	6.03	3.74	2.79	113000	32.4	6.84	0.1	13400	14.8	16.9
40122	A14-1182-036	GMI14-1186	63600	3.28	<DL	337	0.61	<DL	59500	3.48	30.8	54	90.9	0.466	182	6.13	4.14	2.75	114000	31.5	7.08	0.114	12800	14.8	19
40123	A14-1182-037	GMI14-1187	65000	2.84	<DL	346	0.668	<DL	59700	3.75	31.6	54.8	82.3	0.456	185	6.52	4.26	2.78	117000	32.2	7.13	0.111	12800	15.1	17.9
40124	A14-1182-038	GMI14-1188	63800	3.16	<DL	317	0.633	<DL	58800	3.31	30.3	53.2	84.9	0.436	177	6.1	4.15	2.68	112000	30.4	7.03	0.118	12100	14.6	18.2
40125	A14-1182-039	GMI14-1189	47300	4.59	<DL	44.8	0.299	<DL	49400	1.2	9.07	59.3	20.4	0.09	96.4	3.96	2.52	1.3	143000	18.4	3.47	0.081	2170	3.74	7.64
40126	A14-1182-040	GMI14-1190	56200	2.8	<DL	337	0.6	<DL	57400	3.48	30	54.3	98.7	0.204	178	5.82	3.66	2.73	112000	31.3	7.01	0.107	12800	14.5	14.9
40127	A14-1182-041	GMI14-1191	53800	2.97	<DL	308	0.545	<DL	55000	3.22	26.2	53.9	82.6	0.24	190	5.3	3.35	2.5	109000	29.2	6.37	0.097	11900	12.8	13.4
40128	A14-1182-042	GMI14-1192	53700	3.16	<DL	275	0.704	<DL	53800	2.98	24.7	52.6	94	0.215	197	4.62	3.01	2.31	104000	27.5	5.72	0.086	9460	12	16.3
40129	A14-1182-043	GMI14-1193	55100	3.16	<DL	314	0.475	<DL	57300	2.81	22.9	54.4	101	0.193	190	4.6	3.03	2.37	105000	29	5.64	0.106	12400	11.3	14.4
40130	A14-1182-044	GMI14-1194	57500	2.92	<DL	282	0.492	<DL	58200	2.78	24.4	52.4	107	0.269	171	4.78	3.26	2.28	102000	27.6	5.64	0.097	11800	11.9	14.6
40131	A14-1182-045	GMI14-1195	56200	2.73	<DL	273	0.499	<DL	56400	3.14	26.2	50.9	98.1	0.213	171	5.13	3.27	2.36	101000	27.7	6.06	0.107	11100	12.8	14.6
40132	A14-1182-046	GMI14-1196	53700	2.62	<DL	294	0.482	<DL	56000	2.98	23	54.1	107	0.218	186	4.57	2.99	2.27	105000	28.2	5.52	0.109	11500	11.1	12.9
40133	A14-1182-047	GMI14-1197	55600	4.18	<DL	307	0.591	<DL	55100	3.23	26.1	52.8	82	0.252	190	5.08	3.18	2.52	105000	29	6.2	0.101	10400	12.9	14.2
40134	A14-1182-048	GMI14-1198	53500	4.78	<DL	263	0.61	<DL	53000	3.78	26.6	53	93	0.252	174	5.22	3.3	2.38	107000	26.8	6.26	0.099	8220	13.1	16.4
40135	A14-1182-049	GMI14-1199	58600	4.09	<DL	231	0.763	<DL	54500	4.91	38.8	51.4	56.1	0.436	171	7.4	4.89	2.72	114000	28	9.14	0.121	7670	19.1	15.2
40136	A14-1182-050	GMI14-1200	55800	3.99	<DL	251	0.551	<DL	55600	3.78	31.1	56.2	55.5	0.34	228	6.17	3.99	2.57	120000	28.3	7.57	0.117	8790	15.2	12.9
40137	A14-1182-051	GMI14-1201	58000	3.86	<DL	221	0.888	<DL	55400	6.21	47.1	51.5	39.5	0.686	183	8.94	5.93	3.02	125000	28.8	11.1	0.159	7050	23.3	13.2
40138	A14-1183-001	GMI14-1202	74800	3.06	1.37	238	0.996	<DL	62700	4.03	31.4	50.7	63.2	0.363	169	6.07	4.06	2.6	124000	31.9	5.43	0.072	10000	15.6	16.6
40139	A14-1183-002	GMI14-1203	80500	4.19	0.759	237	1.04	<DL	68500	4.4	33.9	53.7	51.5	0.447	175	6.82	4.5	2.65	132000	32.7	6.12	0.095	9750	16.4	17.1
40140	A14-1183-003	GMI14-1204	79100	2.98	<DL	235	0.94	<DL	65400	4.3	30.9	50.3	45.3	0.301	158	5.92	3.99	2.62	121000	32.3	5.55	0.069	10200	15	16.1
40141	A14-1183-004	GMI14-1205	70600	4.18	<DL	199	0.998	<DL	63800	4.52	30.2	51.9	83.6	0.325	156	6.3	4.06	2.3	120000	28.8	5.46	0.069	8720	14.5	17.1
40142	A14-1183-005	GMI14-1206	67700	3.63	<DL	203	0.919	<DL	64100	4.21	32	54	99.5	0.255	159	6.63	4.06	2.58	124000	28.5	5.86	0.088	8870	15.2	17.7
40143	A14-1183-006	GMI14-1207	67200	3.85	<DL	229	0.906	<DL	64100	4.15	30.7	53.6	102	0.234	166	6.2	3.94	2.52	124000	28.9	5.5	0.075	9280	14.5	19.3
40144	A14-1183-007	GMI14-1208	63600	3.36	<DL	228	0.877	<DL	62600	4.34	28.9	53.5	105	0.149	160	5.83	3.75	2.47	119000	28.8	5.32	0.093	9280	14	18.2
40145	A14-1183-008	GMI14-1209	64700	2.48	<DL	211	0.865	<DL	66000	4.62	28.5	57.1	114	0.144	175	6.11	3.86	2.44	125000	28.3	5.39	0.074	9590	14	17.2
40146	A14-1183-009	GMI14-1210	61800	3.44	<DL	191	0.793	<DL	64400	4.34	26.3	55.7	108	0.149	169	5.56	3.54	2.21	119000	26.6	5.09	0.075	8960	13.1	16.1
40147	A14-1183-010	GMI14-1211	65800	3.76	<DL	194	0.954	<DL	65700	4.21	27	55.8	109	0.249	176	5.65	3.7	2.41	119000	26.5	5.24	0.095	8750	13	18.1
40148	A14-1183-011	GMI14-1212	66500	4.08	<DL	221	0.887	<DL	65300	3.87	27	55.4	108	0.293	172	5.8	3.78	2.49	119000	27.9	5.22	0.074	8650	12.9	21.1
40149	A14-1183-012	GMI14-1213	62100	3.73	<DL	157	0.738	<DL	62600	3.89	25.1	57.6	109	0.276	181	5.11	3.34	2.04	118000	23.9	4.86	0.1	6540	12.3	21.3
40150	A14-1183-013	GMI14-1214	65300	6	<DL	43.3	0.505	<DL	59100	1.58	8.7	65.5	19.7	0.085	126	4.31	2.87	1.35	164000	20.6	2.77	0.073	2300	3.57	12.4
40151	A14-1183-014	GMI14-1215	63900	4.05	<DL	241	0.828	<DL	64000	4.26	23.7	57.1	104	0.212	185	5.05	3.19	2.29	120000	27.8	4.79	0.082	9520	12	21.8
40152	A14-1183-015	GMI14-1216	70900	3.93	<DL	266	0.82	<DL	65500	4.02	24.7	57.1	114	0.279	184	5.32	3.46	2.61	120000	29.5	5.22	0.118	10800	12.5	24.7
40153	A14-1183-016	GMI14-1217	65500	3.26	<DL	261	0.88	<DL	63100	4.43	24	57.7	110	0.273	181	5.09	3.29	2.66	118000	28.7	4.93	0.072	11200	12.1	22.1
40154	A14-1183-017	GMI14-1218	61800	3.96	<DL	275	0.737	<DL	60100	3.38	20.6	57.7	121	0.143	181	4.6	2.99	2.52	114000	29.1	4.39	0.061	12200	10.4	18.8
40155	A14-1183-018	GMI14-1219	59000	3.95	<DL	280	0.784	<DL	59200	4.02	21.7	58.4	105	0.132	196	4.55	2.86	2.62	119000	29.2	4.6	0.055	12000	11.4	18.5
40156	A14-1183-019	GMI14-1220	59000	4.38	<DL	281	0.874	<DL	57600	4.22	23.7	57.7	93.8	0.128	195	4.82	3.17	2.8	121000	29.9	4.81	0.117	12000	12.2	17.2
40157	A14-1183-020	GMI14-1221	60500	4.29	<DL	297	0.842	<DL	57500	5.29	25.2	56.2	107	0.166	193	4.95	3.46	3.11	120000	30.7	5.53	0.073	12800	12.7	18.8
40158	A14-1183-021	GMI14-1222	60600	3.95	<DL	269	0.893	<DL	59100	5.22	25.2	57.2	94.5	0.16	195	5.4	3.73	2.84	119000	30	5.62	0.127	11100	12.9	18.8
40159	A14-1183-022	GMI14-1223	65700	4.16	<DL	338	0.904	<DL	59700	6.17	25.9	57.9	80.8	0.181	235	5.67	3.75	3.49	122000	32.9	6.37	0.123	13200	13.4	20.5
40160	A14-1183-023	GMI14-1224	61800	5.47	<DL	373	0.877	<DL	59200	7.53	24.8	58.3	96.7	0.168	265	5.48	3.71	3.62	123000	34.5	6.34	0.113	14200	13.2	16.8
40161	A14-1183-024	GMI14-1225	60800	7.21	<DL	422	0.882	<DL	57100	7.73	24.9	57.4	81.1	0.128	253	5.29	3.69	3.93	123000	36.6	6.53	0.136	13900	13	16
40162	A14-1183-025	GMI14-1226	59500	8.36	<DL	421	0.891	<DL	57000	7.47	25.2	58.2	93.5	0.175	246	5.33	3.82	3.77	122000	35.9	6.38	0.075	12000	13.2	19.1
40163	A14-1183-026	GMI14-1227	65700	1.62	8.33	531	1.28	<DL	65600	1.7	18.8	52.9	299	0.232	195	2.61	1.66	2.04	88400	32	3.12	<DL	9480	9.09	31
40164	A14-1183-027	GMI14-1228	65500	1.5	2.09	332	1.5	<DL	71800	1.48	17.7	51.1	318	0.157	168	2.15	1.49	1.48	85200	25.6	2.8	<DL	7370	9.78	29.2
40165	A14-1183-028	GMI14-1229	67600	0.849	1.31	712	0.592	<DL	74800	0.721	8.02	54.5	345	0.17	135	2.11	1.4	2.44	90200	36.3	1.95	<DL	10400	3.92	29.9
40166	A14-1183-029	GMI14-1230	63000	1.26	1.11	327	1.51	<DL	78600	1.6	13.9	52.2	320	0.089	309	1.87	1.36	1.39	80800	25.8	2.29	<DL	6480	8.52	21.1
40167	A14-1183-030	GMI14-1231	62100	1.65	<DL	325	0.6	<DL	70000	1.23	10.2	55.9	344	0.138	154	1.99	1.33	1.41	89900	25	2.07	<DL	6880	5.16	24
40168	A14-1183-031	GMI14-1232	59300	1.55	<DL	299	0.9	<DL	66400	1.2	12.1	53.4	327	0.246	149	2.02	1.29	1.4	85200	24.5	2.25	<DL	10600	6.17	27.8
40169	A14-1183-																								

0.516	20300	1320	<DL	18900	8	17.1	77.5	931	7.12	13.9	0.303	46.8	0.213	<DL	30	<DL	4.78	1.52	285	<DL	1.13	2.11	8720	0.29	0.58	345	<DL	28.6	3.51	138
0.529	20100	1300	<DL	18300	8.41	17.7	81.9	1010	3.45	13.6	0.278	42	0.223	0.071	30.4	<DL	4.83	1.55	274	<DL	1.19	2.02	8840	0.271	0.609	352	<DL	28.1	3.5	136
0.574	25100	1320	<DL	20100	8.21	17.6	85.6	995	3.7	15	0.263	51.8	0.206	0.077	35.1	<DL	4.68	1.56	268	<DL	1.26	2.23	8790	0.305	0.582	358	<DL	32.3	3.83	137
0.564	24600	1350	<DL	19300	8.54	18.2	84.2	1080	3.5	15.6	0.377	52.6	0.201	<DL	36.2	<DL	4.8	1.65	261	<DL	1.26	2.25	8980	0.293	0.575	370	<DL	33.6	4.13	142
0.592	24300	1290	<DL	18900	8.09	17.6	81.7	1030	3.37	15.2	0.3	50.7	0.213	<DL	34.4	<DL	4.71	1.54	252	<DL	1.23	2.19	8560	0.282	0.631	353	<DL	32	3.83	137
0.328	22300	1720	<DL	18000	3.43	7.62	25.4	1320	2.33	8.19	0.109	5.66	0.096	<DL	42.7	<DL	2.53	<DL	126	<DL	0.753	<DL	19000	<DL	<DL	558	<DL	18.7	2.36	132
0.49	18000	1300	<DL	15700	8.22	17.5	86.7	1080	3.74	12.8	0.302	35.3	0.194	<DL	30	<DL	4.71	1.57	232	<DL	1.15	1.96	8710	0.309	0.57	349	<DL	25.7	3.43	136
0.454	18600	1250	<DL	14900	7.21	15.5	85.4	957	3.18	12	0.275	35.6	0.183	<DL	29.8	<DL	4.01	1.46	217	<DL	1.07	1.77	8680	0.257	0.519	372	<DL	23.7	3.14	131
0.378	17300	1180	<DL	19800	6.83	13.9	88.5	913	3.17	12	0.28	27	0.212	<DL	27.2	<DL	3.82	1.42	250	<DL	0.951	1.74	8140	0.206	0.608	355	<DL	20.2	2.69	123
0.378	18700	1240	<DL	14600	6.24	13.4	93.8	916	2.91	11.3	0.297	33.5	0.201	<DL	28.7	<DL	3.6	1.26	234	<DL	0.918	1.44	8120	0.261	0.401	367	<DL	20.1	2.64	124
0.408	20800	1200	<DL	14800	6.64	14.2	91.6	932	2.99	12	0.236	35.3	0.194	<DL	30	<DL	3.78	1.29	222	<DL	0.978	1.69	7660	0.249	0.441	328	<DL	22.8	3.02	122
0.454	18000	1170	<DL	14900	7.13	15.3	88.1	1010	3.13	12.2	0.312	31.1	0.202	<DL	27.6	<DL	4.2	1.44	223	<DL	1.03	1.72	7840	0.243	0.469	324	<DL	22.9	2.96	121
0.356	17900	1200	<DL	13800	6.15	13.4	92	896	3.32	10.8	0.269	30.6	0.189	<DL	27.7	<DL	3.58	1.38	214	<DL	0.918	1.54	8160	0.258	0.448	375	<DL	19.7	2.62	124
0.432	17300	1240	<DL	15200	7.19	15.2	89	1020	4.17	12.5	0.315	28.8	0.203	0.071	28.1	<DL	3.99	1.5	230	<DL	1.05	1.81	8500	0.243	0.59	373	<DL	22.4	3.05	127
0.422	16800	1290	<DL	19300	7.45	14.9	89.7	1100	4.66	12.2	0.271	24.1	0.201	<DL	26.5	<DL	3.9	1.39	240	<DL	1.04	1.68	8710	0.215	0.502	345	<DL	21.8	2.94	147
0.641	15600	1240	<DL	20500	9.83	22.7	70.3	1470	5.98	17.5	0.482	26.3	0.237	<DL	29.6	<DL	6	2.09	259	<DL	1.55	2.62	9200	0.193	0.752	333	<DL	34	4.5	136
0.536	17400	1310	<DL	16100	8.46	17.8	77.7	1200	3.89	14.3	0.359	28.2	0.196	<DL	31.4	<DL	4.66	1.53	217	<DL	1.23	2.1	11000	0.212	0.574	476	<DL	28.6	3.53	145
0.802	14500	1330	<DL	20400	12.6	26.9	61.9	1880	4.48	20.5	0.509	25.6	0.215	0.085	32	<DL	7.14	2.42	237	<DL	1.9	3.4	10500	0.208	0.934	330	<DL	43.1	5.43	154
0.52	16400	1330	<DL	22000	11	18.6	72	<DL	11.4	14	0.427	31.2	0.24	0.116	n/a	<DL	4.81	1.56	268	8.24	1.29	3.21	10900	0.238	0.816	365	1.59	31.9	3.56	97.2
0.599	17000	1410	<DL	22800	9.85	20.1	71.2	<DL	6.12	15.1	0.399	33.1	0.232	0.125	n/a	<DL	5.14	1.71	266	3.08	1.46	2.75	11900	0.241	0.712	385	1.4	36.1	3.82	104
0.506	13100	1290	<DL	21900	8.93	18.6	67.5	<DL	5.39	14.3	0.373	29.8	0.295	0.081	n/a	<DL	4.74	1.48	284	<DL	1.27	2.13	10800	0.242	0.619	336	0.997	30	3.4	94
0.519	18800	1360	<DL	19500	8.43	17.9	77.5	<DL	5.87	13.5	0.307	27.2	0.191	0.085	n/a	<DL	4.66	1.44	224	<DL	1.27	2.21	9860	0.206	0.629	328	<DL	31.1	3.62	92.5
0.554	19400	1410	<DL	18700	8.93	18.8	83.6	<DL	4.36	13.4	0.379	26	0.177	0.098	n/a	1.15	5.06	1.39	213	<DL	1.37	2.38	9630	0.24	0.618	327	<DL	31.9	3.57	96.9
0.52	21500	1430	<DL	18300	8.44	17.6	88.1	<DL	4.27	13.5	0.344	27.7	0.201	0.126	n/a	0.798	4.93	1.65	213	<DL	1.29	2.18	9630	0.24	0.569	333	0.836	30.9	3.43	96.3
0.511	20300	1390	<DL	17800	8.16	17.3	88	<DL	5.38	12.4	0.31	24.3	0.204	0.075	n/a	<DL	4.53	1.63	214	<DL	1.27	2.11	9440	0.235	0.614	328	<DL	27.8	3.2	87.8
0.467	20700	1450	<DL	18700	8.25	16.8	94.7	<DL	4.34	13.3	0.448	24.8	0.207	<DL	n/a	<DL	4.54	1.6	229	<DL	1.29	1.93	9690	0.209	0.543	347	<DL	27.8	3.29	96.1
0.483	20700	1420	<DL	18800	7.62	16.4	93.8	<DL	3.76	12.7	0.388	22.6	0.251	0.079	n/a	<DL	4.32	1.19	237	<DL	1.23	1.83	9350	0.144	0.532	343	<DL	25.6	3.01	87.2
0.508	22500	1450	<DL	20500	7.47	16.3	95.5	<DL	4.01	14.1	0.393	24.7	0.252	0.078	n/a	<DL	4.22	1.3	259	<DL	1.18	1.92	9380	0.243	0.506	349	<DL	27	3.16	90
0.519	22300	1600	<DL	22400	7.49	16.7	96.3	<DL	3.83	15.3	0.373	25.2	0.336	<DL	n/a	<DL	4.42	1.46	294	<DL	1.25	1.87	9430	0.178	0.644	354	<DL	26.7	3.26	78.6
0.42	21800	1570	<DL	25000	7.2	15	94.8	<DL	9.97	14.7	0.379	18.4	0.341	<DL	n/a	<DL	4.15	1.37	303	<DL	1.14	1.65	9300	0.131	0.907	344	<DL	23.4	2.9	93.7
0.346	32300	1970	<DL	23800	3.36	7.63	35.4	270	2.29	10.3	0.114	7.55	0.132	<DL	n/a	<DL	2.74	<DL	145	<DL	0.849	<DL	20500	<DL	<DL	649	0.853	22.8	2.48	93.5
0.404	22100	1700	<DL	22200	6.97	14.3	99.7	<DL	3.58	14.7	0.361	26	0.281	<DL	n/a	<DL	3.91	1.33	279	<DL	1.11	1.66	9820	0.213	0.576	396	<DL	24.1	2.93	79.3
0.477	25300	1710	<DL	20700	7.13	15.2	102	<DL	3.61	16.1	0.389	33.7	0.295	<DL	n/a	<DL	4.08	1.28	272	<DL	1.14	1.85	9450	0.247	0.593	373	<DL	27.2	3.23	86.2
0.424	22500	1690	<DL	17300	6.71	14.3	109	4.92	3.48	14.2	0.398	31.1	0.275	0.075	n/a	<DL	4.04	1.33	233	<DL	1.21	1.67	8850	0.326	0.463	332	<DL	24.6	3.11	89.8
0.394	20700	1660	<DL	15700	6.06	12.9	111	<DL	3.07	12.7	0.322	29.2	0.257	<DL	n/a	<DL	3.63	1.28	230	<DL	0.98	1.37	8430	0.271	0.451	345	<DL	19.6	2.65	81.6
0.385	18800	1670	<DL	16000	6.43	13.3	105	61.5	3.49	12.7	0.356	28.5	0.258	0.07	n/a	<DL	3.38	1.33	241	<DL	1.02	1.39	9140	0.28	0.479	379	<DL	19.1	2.48	91.1
0.387	16800	1690	<DL	16900	7.21	14.1	99.6	106	4.02	13.4	0.423	30.6	0.257	<DL	n/a	<DL	3.64	1.47	231	<DL	1.07	1.64	9570	0.226	0.562	364	<DL	20.5	2.78	91.5
0.421	17800	1670	<DL	16700	7.37	15.6	99.8	279	4.34	15.4	0.38	32.2	0.356	0.095	n/a	<DL	4.06	1.54	260	<DL	1.19	1.56	9410	0.296	0.493	347	<DL	22.6	2.82	93
0.438	17500	1660	<DL	19100	7.11	15.3	98.8	477	4.86	16.7	0.356	29.9	0.335	<DL	n/a	<DL	3.93	1.55	261	<DL	1.3	1.56	9200	0.219	0.595	341	<DL	22.2	3.02	97.3
0.527	20200	1710	<DL	17500	7.58	15.7	114	777	3.47	20.8	0.586	36.4	0.34	0.085	n/a	<DL	4.42	1.66	268	<DL	1.3	1.8	9280	0.292	0.707	338	<DL	26.2	3.59	123
0.528	19500	1720	<DL	16400	7.37	15.5	106	973	3.42	21.2	0.676	36.9	0.341	<DL	n/a	<DL	4.11	1.78	260	<DL	1.26	1.63	9070	0.289	0.549	331	<DL	24.2	3.43	129
0.511	18000	1720	<DL	16400	7.43	16.1	97.7	1140	3.7	20.9	0.735	35.1	0.325	0.089	n/a	<DL	3.95	1.57	258	<DL	1.32	1.66	8930	0.277	0.523	327	<DL	23	3.65	143
0.493	17100	1780	<DL	16000	7.57	15.9	98.8	954	3.86	18.8	0.665	28.3	0.276	0.18	n/a	0.94	4.3	1.8	240	<DL	1.38	1.57	9140	0.258	0.665	326	<DL	21.8	3.08	138
0.206	30900	1130	<DL	27200	7.64	10.3	141	1230	15.5	10.4	0.269	19.4	0.271	<DL	n/a	<DL	2.38	<DL	591	20.8	0.547	1.97	5040	0.169	0.849	285	3.98	12	1.57	169
0.195	36400	1210	<DL																											

40180	A14-1183-043	GMI14-1244	58700	3.08	<DL	331	0.464	<DL	55700	2.18	18.8	59	194	0.272	206	3.66	2.42	1.97	105000	27.5	4.02	<DL	12300	7.86	22
40181	A14-1183-044	GMI14-1245	57700	4.12	<DL	323	0.444	<DL	54000	2.31	19.2	58.3	194	0.38	206	3.5	2.27	2.02	103000	26.8	4	<DL	10100	8.14	25.1
40182	A14-1183-045	GMI14-1246	61700	4.72	<DL	350	0.473	<DL	57200	2.38	20.4	57.4	179	0.498	217	3.77	2.58	2.15	106000	29.3	4.37	<DL	12700	8.45	23
40183	A14-1183-046	GMI14-1247	59000	5.06	<DL	366	0.624	<DL	58400	3.76	20.1	59.1	200	0.451	229	3.72	2.42	2.21	106000	30.1	4.19	<DL	11400	8.18	28.1
40184	A14-1183-047	GMI14-1248	54600	1.61	<DL	375	2.74	<DL	38100	5.14	52.7	44.5	257	0.161	127	1.87	1.39	2.02	68500	30.4	5.25	<DL	14800	35.9	23.4
40185	A14-1183-048	GMI14-1249	59500	1.38	<DL	178	2.72	<DL	35100	6.71	55.8	35.8	231	0.158	109	1.79	1.34	1.34	58200	22.9	5.66	<DL	11500	35.3	23.4
40186	A14-1183-049	GMI14-1250	56600	1.11	<DL	147	2.49	<DL	47000	1.9	20.2	45.2	273	0.244	128	1.81	1.29	1.05	68900	20.5	2.75	<DL	10300	11.2	17.9
40187	A14-1183-050	GMI14-1251	53700	1.64	<DL	163	2.51	<DL	44400	2.25	22.3	48.4	294	0.213	154	1.78	1.25	1.09	74900	21.3	2.83	<DL	9240	12.9	21.4

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40111	A14-1182-025	GMI14-1175	46600	1.52	<DL	269	0.96	<DL	54100	0.837	11.8	58.3	317	0.089	152	1.78	1.16	1.37	86800	24.9	1.98	<DL	8740	8.44	12.8
		GI14-1175 DUP	50400	1.6	<DL	281	0.977	<DL	56900	0.778	11.8	60.2	320	0.113	155	1.82	1.15	1.43	89600	25.9	2	<DL	9030	8.74	13.6
40137	A14-1182-051	GMI14-1201	58000	3.86	<DL	221	0.888	<DL	55400	6.21	47.1	51.5	39.5	0.686	183	8.94	5.93	3.02	125000	28.8	11.1	0.159	7050	23.3	13.2
		GMI14-1201 DUP	56900	4.82	<DL	217	0.862	<DL	54200	6.13	47.3	50.4	37.7	0.651	181	8.96	6	2.98	123000	28.3	11.4	0.138	6940	23.3	12.8
40162	A14-1183-025	GMI14-1226	59500	8.36	<DL	421	0.891	<DL	57000	7.47	25.2	58.2	93.5	0.175	246	5.33	3.82	3.77	122000	35.9	6.38	0.075	12000	13.2	19.1
		GMI14-1226 DUP	59000	7.8	<DL	411	0.866	<DL	56200	7.33	24.4	56.4	103	0.166	252	5.57	3.66	3.79	120000	35.7	6.49	0.093	11800	13	18.8
40187	A14-1183-050	GMI14-1251	53700	1.64	<DL	163	2.51	<DL	44400	2.25	22.3	48.4	294	0.213	154	1.78	1.25	1.09	74900	21.3	2.83	<DL	9240	12.9	21.4
		GMI14-1251 DUP	54700	1.43	<DL	165	2.53	<DL	45700	2.12	22.9	49.1	298	0.232	157	1.94	1.36	1.11	76300	21.8	2.98	<DL	9340	13.3	21.6

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		Certified Values:		2200	3.3						20500				249600				14800						
		CRM PTM-1a #1		2380	0.672						19100				204000				16400						
		CRM PTM-1a #2		2340	3.45						18300				204000				14900						
		CRM PTM-1a #3		2230	1.47						19000				200000				20300						
		CRM PTM-1a #4		2370	2.94						20200				224000				16500						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	49100	11		414	0.506	2.82	26100	4.6	33.3	622	346	0.296	9730	1.53	0.965	1.83	280000	23.9	4.17		7530	18.8	
		CRM SU-1b #2	43400	7.6		406	0.381	2.11	23100	4.09	32.3	621	309	0.335	9290	1.42	1.03	2.31	249000	24.3	5.14		6910	18.1	
		CRM SU-1b #3	51900	9.64		406	0.643	2.04	26700	5.89	27.4	664	325	0.21	9040	1.63	1.42	3.16	289000	26.2	5.4		7520	16.8	
		CRM SU-1b #4	49500	4.04		384	0.488	1.86	25600	4.48	27.6	646	353	0.273	10400	1.25	0.802	1.45	277000	22.4	3.28		7300	17	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	57900	25.2		135		33.3	25200	11.6		154	187	0.494	2010				225000	46.3		1.89	5580	8.33	14.6
		CRM RTS-3a #2	53500	25.2		138		34.6	23200	12.5		147	175	0.512	2120				209000	43.5		1.84	5340	8.56	14.2
		CRM RTS-3a #3	59200	22.5		129		30.3	24500	14.3		152	177	0.254	2090				233000	45.7		1.97	5460	7.58	20.1
		CRM RTS-3a #4	59200	23.2		124		25.6	25100	12.3		157	192	0.454	2180				225000	45.9		1.72	5440	7.64	13.4
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	69200	24.8		759	1.4		19500	3.43	94.2	34.6	77.5	2.5	47.7	5.16		3.89	45000				22000	55.5	24
		CRM LKSD-3 #2	62800	23.5		745	1.22		17400	3.8	86.8	31.3	67.4	2.18	45	4.67		4.45	39100				20400	54.3	24.5
		CRM LKSD-3 #3	75000	21		733	1.98		20200	7.61	70.5	33.8	71	1.47	73.3	4.53		5.95	54400				22600	45.4	35
		CRM LKSD-3 #4	65300	23.6		645	1.33		18700	3.59	93.4	33	76.4	2.4	54.3	4.9		3.71	42100				20500	45.2	20.5





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.62	9.8		10.2	10.4		10.6	9.84			10.6		10.2	10.2	10.1		10.4	10.2	10.6		10.5	10.2
		Spike #4		10.2	9.21		7.88	10.9		10.1	10.5			11.2		10.2	10.3	10.4		9.81	12.6	10.3		10.9	7.84
		Spike #7		10	10		10.3	10.1		10.6	10.1			10.3		10.2	10.1	10.1		10.3	10.1	10.4		10.3	10.3
		Spike #10		9.62	11.8		10.1	10.3		10.5	9.63			10.2		10.1	9.99	10.3		10.3	11.3	10.3		9.83	10.1
		Actual Spike Values:				100						100	100		100										
		Spike #2				104						103	100		98.2										
		Spike #5				91.2						87.5	82.8		87.7										
		Spike #8				87						88.9	83		81.3										
		Spike #11				95						87.9	81.6		82.4										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10300						10300										10300				10300		
		Spike #6	10100						10200										10400				10800		
		Spike #9	9850						9720										11500				9690		
		Spike #12	10300						10000										10100				10200		



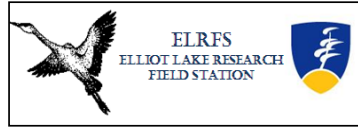
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-017a

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

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**Batch: 14-1182 (51) & 14-1183 (50)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 51 + 50  
Dates Analysed/ Analyst: Oct 22 - Dec 15, 2014 / Troy Maki  
Submission Date: 2015 02 20

**Dr. Graeme Spiers - ELRFS Director**

**QC Note:** The last 50% of this batch contains Sc results re-run on February 11, 2015.

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40087	A14-1182-001	GMI14-1151	62000	1.79	1.1	476	0.674	<DL	63200	1.6	21.2	60.4	170	0.349	185	3.98	2.52	2	115000	31.9	3.85	0.065	16700	11.4	19.6
40088	A14-1182-002	GMI14-1152	64800	1.52	0.528	422	0.577	<DL	63400	1.5	20.3	58.4	161	0.393	177	3.95	2.52	1.89	109000	30	3.8	0.063	15900	10.6	18.8
40089	A14-1182-003	GMI14-1153	56700	1.64	<DL	345	0.581	<DL	59300	1.52	20	58.6	158	0.232	183	3.74	2.25	1.78	108000	27.6	3.69	0.065	13900	10.5	19
40090	A14-1182-004	GMI14-1154	53800	2.04	<DL	281	0.737	<DL	56600	1.42	20.3	56.7	139	0.241	163	3.36	2.14	1.62	103000	25.5	3.56	0.062	10600	10.6	21.1
40091	A14-1182-005	GMI14-1155	51200	1.74	<DL	283	0.622	<DL	53300	1.41	20.3	58.5	141	0.24	180	3.51	2.23	1.64	108000	25.1	3.75	0.06	10400	10.3	22
40092	A14-1182-006	GMI14-1156	51200	1.73	<DL	212	0.836	<DL	56300	1.3	20.2	58.3	134	0.159	173	3.49	2.18	1.46	107000	22.9	3.64	0.068	8050	10.1	20
40093	A14-1182-007	GMI14-1157	50300	1.69	<DL	160	0.995	<DL	54500	1.16	18.8	56.9	128	0.13	153	3.13	2.05	1.24	103000	21	3.38	0.054	5650	9.4	19.7
40094	A14-1182-008	GMI14-1158	55600	0.875	<DL	345	2.88	0.347	43800	1.72	40.3	42	240	0.059	102	2.12	1.39	1.63	65100	30.1	4.04	<DL	8890	28.4	13.1
40095	A14-1182-009	GMI14-1159	58100	1.42	<DL	393	2.52	<DL	42100	1.69	29.2	43.1	258	0.078	110	1.96	1.37	1.69	65200	31.7	3.31	<DL	12500	18.8	13.5
40096	A14-1182-010	GMI14-1160	64400	1.01	<DL	623	3.94	<DL	29600	2.28	54.8	29.3	1110	0.134	51.1	1.99	1.31	2.41	57500	46.5	4.94	<DL	21500	37.8	14.2
40097	A14-1182-011	GMI14-1161	54700	1.95	<DL	281	1.85	<DL	51400	0.981	34.6	47.5	284	0.128	150	1.72	1.2	1.25	77000	27.1	3.12	<DL	8120	28.1	14.9
40098	A14-1182-012	GMI14-1162	54900	1.11	<DL	293	1.91	<DL	44000	1.42	29.8	42.4	286	0.061	105	1.68	1.09	1.32	70600	28.7	2.93	<DL	9870	21.4	11.1
40099	A14-1182-013	GMI14-1163	57800	1.13	<DL	276	1.72	<DL	54100	1.29	27.2	47.3	293	0.134	118	1.75	1.15	1.31	78600	28.6	2.81	<DL	7980	21.5	15.1
40100	A14-1182-014	GMI14-1164	50600	3.24	<DL	40.7	0.358	<DL	52200	0.797	8.58	60.1	19.5	0.063	73	3.89	2.39	1.23	151000	19	3.08	0.07	2190	3.29	7.88
40101	A14-1182-015	GMI14-1165	57900	1.52	<DL	353	1.2	<DL	51900	1.13	23.5	47.9	283	0.086	79.8	1.88	1.3	1.56	75000	28.3	2.74	<DL	10000	16.9	8.04
40102	A14-1182-016	GMI14-1166	55700	0.996	<DL	315	1.32	<DL	61800	0.908	24.4	55.9	302	0.07	157	1.89	1.3	1.48	88100	28.6	2.86	<DL	7860	18.5	9.75
40103	A14-1182-017	GMI14-1167	53600	1.22	<DL	371	2.6	<DL	43800	1.78	29.9	38.3	262	0.073	109	1.63	1.12	1.65	62900	31.9	3.1	<DL	12700	21.6	10.3
40104	A14-1182-018	GMI14-1168	57900	1.33	<DL	350	2.88	<DL	38400	1.81	26.4	43.4	268	0.077	133	1.48	1.06	1.5	64500	32.6	2.82	<DL	14700	18.8	13.4
40105	A14-1182-019	GMI14-1169	54300	1.51	<DL	567	2.51	<DL	39500	2.25	23.6	39.1	249	0.099	129	1.52	1.11	2.22	61400	41.7	2.58	<DL	15500	16.5	10.1
40106	A14-1182-020	GMI14-1170	60100	0.877	<DL	451	3.16	<DL	35200	2.68	28.2	33.1	247	0.15	126	1.48	1.13	1.83	54900	37.6	2.93	<DL	17200	18.8	9.04
40107	A14-1182-021	GMI14-1171	72800	1	<DL	538	3.99	<DL	14300	3.36	60.1	10.3	150	0.232	35.2	1.57	1.21	2.48	23700	45.6	5.76	<DL	32900	37.4	1.75
40108	A14-1182-022	GMI14-1172	55300	1.07	<DL	339	3.22	<DL	25600	2.2	49.8	36.9	241	0.088	47	1.81	1.32	1.89	55000	34.2	5.39	<DL	19300	29.8	13.3
40109	A14-1182-023	GMI14-1173	48200	1.65	<DL	259	1.47	<DL	50200	0.906	15	73	313	0.115	164	1.81	1.21	1.36	98000	25.8	2.29	<DL	8920	9.69	15.7
40110	A14-1182-024	GMI14-1174	50100	1.6	<DL	322	1.42	0.942	56200	0.967	15.1	50.8	309	0.119	124	1.78	1.14	1.54	82200	28.8	2.27	<DL	10400	10.6	11.7
40111	A14-1182-025	GMI14-1175	46600	1.52	<DL	269	0.96	<DL	54100	0.837	11.8	58.3	317	0.089	152	1.78	1.16	1.37	86800	24.9	1.98	<DL	8740	8.44	12.8
40112	A14-1182-026	GMI14-1176	51100	2.16	<DL	235	1.68	<DL	49100	1.77	19.7	48.1	279	0.1	89.7	1.62	1.1	1.31	72400	24.7	2.63	<DL	10700	15.6	12.6
40113	A14-1182-027	GMI14-1177	48000	1.52	<DL	408	1.71	<DL	37600	2.7	29.2	37.2	241	0.082	104	1.72	1.23	1.89	61600	32.5	3.62	<DL	17300	20.2	16.5
40114	A14-1182-028	GMI14-1178	58300	12.5	<DL	430	1.76	<DL	46900	1.66	22.8	42.7	267	0.378	93	2.13	1.49	2.13	71600	32.5	3.55	0.051	12100	12.9	36.1
40115	A14-1182-029	GMI14-1179	53600	2.33	<DL	236	0.667	<DL	64500	0.869	8.74	56.9	325	0.174	132	2.04	1.38	1.35	87500	22.7	2	<DL	7900	4.84	19.1
40116	A14-1182-030	GMI14-1180	50500	2.24	<DL	214	0.922	<DL	55400	1.56	12	50.1	298	0.149	104	1.86	1.19	1.22	79000	21.9	2.07	<DL	8430	7.87	13.7
40117	A14-1182-031	GMI14-1181	47700	2.61	<DL	256	1.14	<DL	51900	2.33	12.6	49.8	285	0.143	119	1.7	1.21	1.38	76900	23.9	2.15	<DL	9460	9.13	16.8
40118	A14-1182-032	GMI14-1182	65400	3.28	<DL	388	0.682	<DL	62900	2.97	30.2	54.1	133	0.67	167	5.64	3.68	2.72	110000	32.5	6.4	0.099	10200	15.4	18.4
40119	A14-1182-033	GMI14-1183	53500	3.41	<DL	372	0.642	<DL	49500	3.15	29.2	51.8	90.7	0.262	184	5.49	3.51	2.74	110000	32.5	6.56	0.1	11500	13.8	17.9

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.322	27900	1440	<DL	14500	7.88	12	116	793	3.22	6.73	0.175	38.6	0.125	0.085	31.1	<DL	3.16	1.16	280	7.72	0.716	2.3	7310	0.302	0.562	295	1.37	19	2.19	129	
0.348	31200	1310	<DL	13600	5.8	11.5	113	811	4.88	6.84	0.133	43.8	0.121	<DL	33.3	<DL	3.07	0.996	259	2.86	0.703	1.99	6900	0.286	0.526	284	1.03	20.7	2.27	121	
0.296	24500	1290	<DL	13800	5.61	11.3	116	838	3.15	6.84	0.13	29.5	0.139	<DL	28.2	1.19	2.92	0.976	283	<DL	0.686	1.77	6840	0.273	0.508	275	<DL	17.2	2.05	118	
0.262	21500	1250	<DL	18300	5.68	11.3	114	868	8.06	6.91	0.152	23.5	0.162	0.123	24.8	<DL	2.85	0.934	308	<DL	0.631	1.78	6670	0.205	0.566	267	3.41	14.6	1.78	111	
0.273	21500	1370	<DL	16700	5.66	11.4	118	862	4.02	7.92	0.138	23.6	0.194	<DL	25.7	<DL	2.89	0.897	356	<DL	0.675	1.66	7070	0.212	0.517	274	1.06	15.3	1.94	124	
0.266	20800	1450	<DL	17700	5.83	11.2	113	868	15.3	7.12	0.142	18.8	0.17	<DL	26.3	<DL	2.89	0.961	314	<DL	0.669	1.61	7260	0.16	0.516	285	<DL	14.7	1.85	135	
0.238	18800	1410	<DL	17700	5.45	10.3	108	834	34.3	6.57	0.126	13.4	0.149	<DL	24.1	<DL	2.6	1.01	293	<DL	0.613	1.49	6820	0.105	0.458	278	<DL	13.1	1.74	141	
0.168	14300	752	<DL	32800	8.07	13.2	103	418	22.2	7.82	0.196	11.4	0.231	<DL	19.6	<DL	2.44	<DL	416	<DL	0.492	7.34	3670	0.102	5.11	212	<DL	9.58	1.19	94.7	
0.166	16900	733	<DL	31100	7.47	10.5	109	293	16.7	7.25	0.195	17.5	0.22	<DL	22.3	<DL	2.19	<DL	367	<DL	0.448	7.87	3520	0.131	3.98	204	<DL	9.47	1.19	90.5	
0.169	10900	597	7.35	35000	13.7	16.4	103	313	19.5	8.18	0.261	35.9	0.248	0.117	16.1	<DL	2.78	1.27	411	<DL	0.524	14.4	2810	0.239	10.2	132	0.963	9.56	1.16	96	
0.151	18000	748	<DL	24900	5.62	8.75	127	287	34.1	7.19	0.096	11.7	0.21	<DL	24.4	<DL	1.66	<DL	366	<DL	0.386	5.33	3990	0.108	3.05	221	<DL	8.5	1.07	77.9	
0.151	13800	645	3.9	29800	7.64	8.98	112	335	44.7	6.88	0.188	12.9	0.209	<DL	19.6	<DL	1.76	<DL	357	<DL	0.364	8.8	3580	0.125	5.71	211	<DL	7.48	1.02	72.1	
0.142	15400	744	3.61	28300	4.79	7.67	128	308	43.4	10.1	0.169	11.5	0.313	<DL	24	<DL	1.5	<DL	547	<DL	0.357	7.49	4000	0.095	3.56	233	<DL	8.1	1.04	82.9	
0.319	23500	1820	<DL	19200	3.28	7.46	18.3	1460	2.51	5.85	0.068	5.55	0.062	<DL	46.2	<DL	2.57	<DL	127	<DL	0.663	<DL	19600	<DL	<DL	575	<DL	19	2.2	133	
0.168	17700	715	3.66	31400	3.99	7.67	129	369	22.4	6.81	0.108	15.2	0.182	<DL	25.3	<DL	1.71	<DL	328	<DL	0.394	4.7	4200	0.122	2.24	233	<DL	9.06	1.19	66.5	
0.168	19200	843	<DL	25900	3.46	8.44	150	411	24.7	7.11	0.111	11.3	0.217	<DL	26.7	<DL	1.81	<DL	351	<DL	0.408	2.98	4480	0.096	1.46	250	<DL	8.92	1.16	83.7	
0.141	14600	609	<DL	28000	7.03	8.87	106	310	25.9	6.9	0.21	20	0.208	<DL	20.2	<DL	1.66	<DL	341	<DL	0.372	10.9	3200	0.145	5.95	204	<DL	8.05	1.05	72.2	
0.147	13000	589	3.25	32400	9.08	8.18	112	305	64.2	6.71	0.196	22	0.202	<DL	20.7	<DL	1.6	<DL	334	<DL	0.336	8.9	3410	0.155	7.09	213	<DL	7.54	0.954	79.6	
0.135	13300	579	<DL	29000	7.7	7.56	98.3	319	49.2	7.63	0.236	26.4	0.233	<DL	17.9	<DL	1.47	<DL	374	<DL	0.328	12.2	3210	0.212	6.85	193	<DL	7.2	0.927	90.5	
0.157	13000	542	<DL	33800	8.85	9.21	85	431	43.3	7.07	0.319	30.8	0.211	<DL	18.1	<DL	1.71	<DL	345	<DL	0.356	21.8	2980	0.213	8.39	175	<DL	8.07	1.02	79.8	
0.135	7910	308	<DL	43500	11.7	20	31.5	832	18.8	6.91	0.373	78.9	0.199	<DL	6.53	<DL	3.18	0.832	316	<DL	0.543	23.1	1670	0.421	8.78	59	<DL	8.62	0.957	75.5	
0.139	12000	558	<DL	35700	8.33	17.9	90.6	919	16.4	6.78	0.253	33	0.184	<DL	15.1	<DL	3.06	0.866	302	<DL	0.593	9.04	3160	0.218	4.74	156	<DL	8.1	0.986	104	
0.151	21300	869	<DL	23600	3.54	6.32	146	465	16.7	7.23	0.103	13.6	0.21	<DL	25.4	<DL	1.61	<DL	340	<DL	0.377	1.84	4460	0.132	1.63	263	<DL	8.09	1.05	94.7	
0.152	21200	967	<DL	23700	4.05	5.85	138	454	818	9.23	0.123	18.4	0.306	<DL	24	<DL	1.39	<DL	415	<DL	0.347	3.13	4260	0.156	2.5	257	<DL	8.23	1.1	109	
0.142	23100	1030	4	21500	2.82	4.97	148	447	78.1	9.17	0.08	15.3	0.281	<DL	24.3	<DL	1.35	<DL	417	<DL	0.334	1.13	4500	0.123	1.08	269	<DL	7.75	1.05	99.8	
0.154	19900	900	4.26	28200	6.3	6.24	128	50.6	32	9.03	0.197	17.8	0.287	<DL	20.7	<DL	1.41	0.718	414	<DL	0.352	6.17	4040	0.16	3.24	239	1.05	7.87	1.05	87.4	
0.15	15700	784	<DL	26500	5.71	9.22	105	8.96	127	8.91	0.323	27.8	0.265	<DL	16.4	<DL	1.8	0.732	384	<DL	0.419	10.3	3400	0.246	3.92	200	<DL	8.35	1.19	102	
0.216	23600	1070	<DL	27400	4.88	9.87	125	191	118	10.1	0.111	27.8	0.313	0.214	25.8	<DL	2.08	0.915	400	<DL	0.469	2.51	4270	0.216	1.36	232	1.16	11.1	1.52	136	
0.18	27200	1040	<DL	21200	3.43	4.63	158	140	15.1	11.6	0.1	16.4	0.375	<DL	26.5	<DL	1.3	<DL	506	<DL	0.38	0.972	4720	0.132	0.763	277	<DL	9.61	1.28	87.4	
0.176	26800	945	<DL	25100	3.55	5.12	142	111	30.4	8.88	0.149	16.6	0.264	<DL	24.7	<DL	1.41	<DL	360	<DL	0.343	4.13	4490	0.116	1.5	249	<DL	8.9	1.2	98.8	
0.149	24800	943	<DL	23900	3.37	5.12	138	147	57.6	10.1	0.135	15.6	0.318	<DL	22.4	<DL	1.27	<DL	425	<DL	0.328	3.12	4340	0.145	2.45	249	<DL	8.01	1.05	139	
0.529	27500	1310	<DL	20800	7.56	16.4	94	855	6.44	14.4	0.292	39.5	0.24	0.07	34.9	<DL	4.35	1.51	308	<DL	1.09	2.17	8150	0.248	0.673	347	<DL	30.2	3.56	137	
0.478	18500	1290	<DL	22300	8.02	17.1	76.7	912	3.83	13.5	0.284	34.1	0.25	<DL	26.9	<DL	4.49	1.51	338	<DL	1.13	1.86	8520	0.23	0.858	334	<DL	24.9	3.22	139	

40120	A14-1182-034	GMI14-1184	57400	3.96	<DL	404	0.578	<DL	53300	3.29	30	51.7	86.5	0.383	176	5.85	3.8	2.84	111000	33.8	6.72	0.105	13400	14.5	16.9
40121	A14-1182-035	GMI14-1185	57400	2.99	<DL	355	0.627	<DL	54900	3.31	30.3	53.7	91.8	0.307	181	6.03	3.74	2.79	113000	32.4	6.84	0.1	13400	14.8	16.9
40122	A14-1182-036	GMI14-1186	63600	3.28	<DL	337	0.61	<DL	59500	3.48	30.8	54	90.9	0.466	182	6.13	4.14	2.75	114000	31.5	7.08	0.114	12800	14.8	19
40123	A14-1182-037	GMI14-1187	65000	2.84	<DL	346	0.668	<DL	59700	3.75	31.6	54.8	82.3	0.456	185	6.52	4.26	2.78	117000	32.2	7.13	0.111	12800	15.1	17.9
40124	A14-1182-038	GMI14-1188	63800	3.16	<DL	317	0.633	<DL	58800	3.31	30.3	53.2	84.9	0.436	177	6.1	4.15	2.68	112000	30.4	7.03	0.118	12100	14.6	18.2
40125	A14-1182-039	GMI14-1189	47300	4.59	<DL	44.8	0.299	<DL	49400	1.2	9.07	59.3	20.4	0.09	96.4	3.96	2.52	1.3	143000	18.4	3.47	0.081	2170	3.74	7.64
40126	A14-1182-040	GMI14-1190	56200	2.8	<DL	337	0.6	<DL	57400	3.48	30	54.3	98.7	0.204	178	5.82	3.66	2.73	112000	31.3	7.01	0.107	12800	14.5	14.9
40127	A14-1182-041	GMI14-1191	53800	2.97	<DL	308	0.545	<DL	55000	3.22	26.2	53.9	82.6	0.24	190	5.3	3.35	2.5	109000	29.2	6.37	0.097	11900	12.8	13.4
40128	A14-1182-042	GMI14-1192	53700	3.16	<DL	275	0.704	<DL	53800	2.98	24.7	52.6	94	0.215	197	4.62	3.01	2.31	104000	27.5	5.72	0.086	9460	12	16.3
40129	A14-1182-043	GMI14-1193	55100	3.16	<DL	314	0.475	<DL	57300	2.81	22.9	54.4	101	0.193	190	4.6	3.03	2.37	105000	29	5.64	0.106	12400	11.3	14.4
40130	A14-1182-044	GMI14-1194	57500	2.92	<DL	282	0.492	<DL	58200	2.78	24.4	52.4	107	0.269	171	4.78	3.26	2.28	102000	27.6	5.64	0.097	11800	11.9	14.6
40131	A14-1182-045	GMI14-1195	56200	2.73	<DL	273	0.499	<DL	56400	3.14	26.2	50.9	98.1	0.213	171	5.13	3.27	2.36	101000	27.7	6.06	0.107	11100	12.8	14.6
40132	A14-1182-046	GMI14-1196	53700	2.62	<DL	294	0.482	<DL	56000	2.98	23	54.1	107	0.218	186	4.57	2.99	2.27	105000	28.2	5.52	0.109	11500	11.1	12.9
40133	A14-1182-047	GMI14-1197	55600	4.18	<DL	307	0.591	<DL	55100	3.23	26.1	52.8	82	0.252	190	5.08	3.18	2.52	105000	29	6.2	0.101	10400	12.9	14.2
40134	A14-1182-048	GMI14-1198	53500	4.78	<DL	263	0.61	<DL	53000	3.78	26.6	53	93	0.252	174	5.22	3.3	2.38	107000	26.8	6.26	0.099	8220	13.1	16.4
40135	A14-1182-049	GMI14-1199	58600	4.09	<DL	231	0.763	<DL	54500	4.91	38.8	51.4	56.1	0.436	171	7.4	4.89	2.72	114000	28	9.14	0.121	7670	19.1	15.2
40136	A14-1182-050	GMI14-1200	55800	3.99	<DL	251	0.551	<DL	55600	3.78	31.1	56.2	55.5	0.34	228	6.17	3.99	2.57	120000	28.3	7.57	0.117	8790	15.2	12.9
40137	A14-1182-051	GMI14-1201	58000	3.86	<DL	221	0.888	<DL	55400	6.21	47.1	51.5	39.5	0.686	183	8.94	5.93	3.02	125000	28.8	11.1	0.159	7050	23.3	13.2
40138	A14-1183-001	GMI14-1202	74800	3.06	1.37	238	0.996	<DL	62700	4.03	31.4	50.7	63.2	0.363	169	6.07	4.06	2.6	124000	31.9	5.43	0.072	10000	15.6	16.6
40139	A14-1183-002	GMI14-1203	80500	4.19	0.759	237	1.04	<DL	68500	4.4	33.9	53.7	51.5	0.447	175	6.82	4.5	2.65	132000	32.7	6.12	0.095	9750	16.4	17.1
40140	A14-1183-003	GMI14-1204	79100	2.98	<DL	235	0.94	<DL	65400	4.3	30.9	50.3	45.3	0.301	158	5.92	3.99	2.62	121000	32.3	5.55	0.069	10200	15	16.1
40141	A14-1183-004	GMI14-1205	70600	4.18	<DL	199	0.998	<DL	63800	4.52	30.2	51.9	83.6	0.325	156	6.3	4.06	2.3	120000	28.8	5.46	0.069	8720	14.5	17.1
40142	A14-1183-005	GMI14-1206	67700	3.63	<DL	203	0.919	<DL	64100	4.21	32	54	99.5	0.255	159	6.63	4.06	2.58	124000	28.5	5.86	0.088	8870	15.2	17.7
40143	A14-1183-006	GMI14-1207	67200	3.85	<DL	229	0.906	<DL	64100	4.15	30.7	53.6	102	0.234	166	6.2	3.94	2.52	124000	28.9	5.5	0.075	9280	14.5	19.3
40144	A14-1183-007	GMI14-1208	63600	3.36	<DL	228	0.877	<DL	62600	4.34	28.9	53.5	105	0.149	160	5.83	3.75	2.47	119000	28.8	5.32	0.093	9280	14	18.2
40145	A14-1183-008	GMI14-1209	64700	2.48	<DL	211	0.865	<DL	66000	4.62	28.5	57.1	114	0.144	175	6.11	3.86	2.44	125000	28.3	5.39	0.074	9590	14	17.2
40146	A14-1183-009	GMI14-1210	61800	3.44	<DL	191	0.793	<DL	64400	4.34	26.3	55.7	108	0.149	169	5.56	3.54	2.21	119000	26.6	5.09	0.075	8960	13.1	16.1
40147	A14-1183-010	GMI14-1211	65800	3.76	<DL	194	0.954	<DL	65700	4.21	27	55.8	109	0.249	176	5.65	3.7	2.41	119000	26.5	5.24	0.095	8750	13	18.1
40148	A14-1183-011	GMI14-1212	66500	4.08	<DL	221	0.887	<DL	65300	3.87	27	55.4	108	0.293	172	5.8	3.78	2.49	119000	27.9	5.22	0.074	8650	12.9	21.1
40149	A14-1183-012	GMI14-1213	62100	3.73	<DL	157	0.738	<DL	62600	3.89	25.1	57.6	109	0.276	181	5.11	3.34	2.04	118000	23.9	4.86	0.1	6540	12.3	21.3
40150	A14-1183-013	GMI14-1214	65300	6	<DL	43.3	0.505	<DL	59100	1.58	8.7	65.5	19.7	0.085	126	4.31	2.87	1.35	164000	20.6	2.77	0.073	2300	3.57	12.4
40151	A14-1183-014	GMI14-1215	63900	4.05	<DL	241	0.828	<DL	64000	4.26	23.7	57.1	104	0.212	185	5.05	3.19	2.29	120000	27.8	4.79	0.082	9520	12	21.8
40152	A14-1183-015	GMI14-1216	70900	3.93	<DL	266	0.82	<DL	65500	4.02	24.7	57.1	114	0.279	184	5.32	3.46	2.61	120000	29.5	5.22	0.118	10800	12.5	24.7
40153	A14-1183-016	GMI14-1217	65500	3.26	<DL	261	0.88	<DL	63100	4.43	24	57.7	110	0.273	181	5.09	3.29	2.66	118000	28.7	4.93	0.072	11200	12.1	22.1
40154	A14-1183-017	GMI14-1218	61800	3.96	<DL	275	0.737	<DL	60100	3.38	20.6	57.7	121	0.143	181	4.6	2.99	2.52	114000	29.1	4.39	0.061	12200	10.4	18.8
40155	A14-1183-018	GMI14-1219	59000	3.95	<DL	280	0.784	<DL	59200	4.02	21.7	58.4	105	0.132	196	4.55	2.86	2.62	119000	29.2	4.6	0.055	12000	11.4	18.5
40156	A14-1183-019	GMI14-1220	59000	4.38	<DL	281	0.874	<DL	57600	4.22	23.7	57.7	93.8	0.128	195	4.82	3.17	2.8	121000	29.9	4.81	0.117	12000	12.2	17.2
40157	A14-1183-020	GMI14-1221	60500	4.29	<DL	297	0.842	<DL	57500	5.29	25.2	56.2	107	0.166	193	4.95	3.46	3.11	120000	30.7	5.53	0.073	12800	12.7	18.8
40158	A14-1183-021	GMI14-1222	60600	3.95	<DL	269	0.893	<DL	59100	5.22	25.2	57.2	94.5	0.16	195	5.4	3.73	2.84	119000	30	5.62	0.127	11100	12.9	18.8
40159	A14-1183-022	GMI14-1223	65700	4.16	<DL	338	0.904	<DL	59700	6.17	25.9	57.9	80.8	0.181	235	5.67	3.75	3.49	122000	32.9	6.37	0.123	13200	13.4	20.5
40160	A14-1183-023	GMI14-1224	61800	5.47	<DL	373	0.877	<DL	59200	7.53	24.8	58.3	96.7	0.168	265	5.48	3.71	3.62	123000	34.5	6.34	0.113	14200	13.2	16.8
40161	A14-1183-024	GMI14-1225	60800	7.21	<DL	422	0.882	<DL	57100	7.73	24.9	57.4	81.1	0.128	253	5.29	3.69	3.93	123000	36.6	6.53	0.136	13900	13	16
40162	A14-1183-025	GMI14-1226	59500	8.36	<DL	421	0.891	<DL	57000	7.47	25.2	58.2	93.5	0.175	246	5.33	3.82	3.77	122000	35.9	6.38	0.075	12000	13.2	19.1
40163	A14-1183-026	GMI14-1227	65700	1.62	8.33	531	1.28	<DL	65600	1.7	18.8	52.9	299	0.232	195	2.61	1.66	2.04	88400	32	3.12	<DL	9480	9.09	31
40164	A14-1183-027	GMI14-1228	65500	1.5	2.09	332	1.5	<DL	71800	1.48	17.7	51.1	318	0.157	168	2.15	1.49	1.48	85200	25.6	2.8	<DL	7370	9.78	29.2
40165	A14-1183-028	GMI14-1229	67600	0.849	1.31	712	0.592	<DL	74800	0.721	8.02	54.5	345	0.17	135	2.11	1.4	2.44	90200	36.3	1.95	<DL	10400	3.92	29.9
40166	A14-1183-029	GMI14-1230	63000	1.26	1.11	327	1.51	<DL	78600	1.6	13.9	52.2	320	0.089	309	1.87	1.36	1.39	80800	25.8	2.29	<DL	6480	8.52	21.1
40167	A14-1183-030	GMI14-1231	62100	1.65	<DL	325	0.6	<DL	70000	1.23	10.2	55.9	344	0.138	154	1.99	1.33	1.41	89900	25	2.07	<DL	6880	5.16	24
40168	A14-1183-031	GMI14-1232	59300	1.55	<DL	299	0.9	<DL	66400	1.2	12.1	53.4	327	0.246	149	2.02	1.29	1.4	85200	24.5	2.25	<DL	10600	6.17	27.8
40169	A14-1183-032																								

0.516	20300	1320	<DL	18900	8	17.1	77.5	931	7.12	13.9	0.303	46.8	0.213	<DL	30	<DL	4.78	1.52	285	<DL	1.13	2.11	8720	0.29	0.58	345	<DL	28.6	3.51	138
0.529	20100	1300	<DL	18300	8.41	17.7	81.9	1010	3.45	13.6	0.278	42	0.223	0.071	30.4	<DL	4.83	1.55	274	<DL	1.19	2.02	8840	0.271	0.609	352	<DL	28.1	3.5	136
0.574	25100	1320	<DL	20100	8.21	17.6	85.6	995	3.7	15	0.263	51.8	0.206	0.077	35.1	<DL	4.68	1.56	268	<DL	1.26	2.23	8790	0.305	0.582	358	<DL	32.3	3.83	137
0.564	24600	1350	<DL	19300	8.54	18.2	84.2	1080	3.5	15.6	0.377	52.6	0.201	<DL	36.2	<DL	4.8	1.65	261	<DL	1.26	2.25	8980	0.293	0.575	370	<DL	33.6	4.13	142
0.592	24300	1290	<DL	18900	8.09	17.6	81.7	1030	3.37	15.2	0.3	50.7	0.213	<DL	34.4	<DL	4.71	1.54	252	<DL	1.23	2.19	8560	0.282	0.631	353	<DL	32	3.83	137
0.328	22300	1720	<DL	18000	3.43	7.62	25.4	1320	2.33	8.19	0.109	5.66	0.096	<DL	42.7	<DL	2.53	<DL	126	<DL	0.753	<DL	19000	<DL	<DL	558	<DL	18.7	2.36	132
0.49	18000	1300	<DL	15700	8.22	17.5	86.7	1080	3.74	12.8	0.302	35.3	0.194	<DL	30	<DL	4.71	1.57	232	<DL	1.15	1.96	8710	0.309	0.57	349	<DL	25.7	3.43	136
0.454	18600	1250	<DL	14900	7.21	15.5	85.4	957	3.18	12	0.275	35.6	0.183	<DL	29.8	<DL	4.01	1.46	217	<DL	1.07	1.77	8680	0.257	0.519	372	<DL	23.7	3.14	131
0.378	17300	1180	<DL	19800	6.83	13.9	88.5	913	3.17	12	0.28	27	0.212	<DL	27.2	<DL	3.82	1.42	250	<DL	0.951	1.74	8140	0.206	0.608	355	<DL	20.2	2.69	123
0.378	18700	1240	<DL	14600	6.24	13.4	93.8	916	2.91	11.3	0.297	33.5	0.201	<DL	28.7	<DL	3.6	1.26	234	<DL	0.918	1.44	8120	0.261	0.401	367	<DL	20.1	2.64	124
0.408	20800	1200	<DL	14800	6.64	14.2	91.6	932	2.99	12	0.236	35.3	0.194	<DL	30	<DL	3.78	1.29	222	<DL	0.978	1.69	7660	0.249	0.441	328	<DL	22.8	3.02	122
0.454	18000	1170	<DL	14900	7.13	15.3	88.1	1010	3.13	12.2	0.312	31.1	0.202	<DL	27.6	<DL	4.2	1.44	223	<DL	1.03	1.72	7840	0.243	0.469	324	<DL	22.9	2.96	121
0.356	17900	1200	<DL	13800	6.15	13.4	92	896	3.32	10.8	0.269	30.6	0.189	<DL	27.7	<DL	3.58	1.38	214	<DL	0.918	1.54	8160	0.258	0.448	375	<DL	19.7	2.62	124
0.432	17300	1240	<DL	15200	7.19	15.2	89	1020	4.17	12.5	0.315	28.8	0.203	0.071	28.1	<DL	3.99	1.5	230	<DL	1.05	1.81	8500	0.243	0.59	373	<DL	22.4	3.05	127
0.422	16800	1290	<DL	19300	7.45	14.9	89.7	1100	4.66	12.2	0.271	24.1	0.201	<DL	26.5	<DL	3.9	1.39	240	<DL	1.04	1.68	8710	0.215	0.502	345	<DL	21.8	2.94	147
0.641	15600	1240	<DL	20500	9.83	22.7	70.3	1470	5.98	17.5	0.482	26.3	0.237	<DL	29.6	<DL	6	2.09	259	<DL	1.55	2.62	9200	0.193	0.752	333	<DL	34	4.5	136
0.536	17400	1310	<DL	16100	8.46	17.8	77.7	1200	3.89	14.3	0.359	28.2	0.196	<DL	31.4	<DL	4.66	1.53	217	<DL	1.23	2.1	11000	0.212	0.574	476	<DL	28.6	3.53	145
0.802	14500	1330	<DL	20400	12.6	26.9	61.9	1880	4.48	20.5	0.509	25.6	0.215	0.085	32	<DL	7.14	2.42	237	<DL	1.9	3.4	10500	0.208	0.934	330	<DL	43.1	5.43	154
0.52	16400	1330	<DL	22000	11	18.6	72	<DL	11.4	14	0.427	31.2	0.24	0.116	39.9	<DL	4.81	1.56	268	8.24	1.29	3.21	10900	0.238	0.816	365	1.59	31.9	3.56	97.2
0.599	17000	1410	<DL	22800	9.85	20.1	71.2	<DL	6.12	15.1	0.399	33.1	0.232	0.125	41.5	<DL	5.14	1.71	266	3.08	1.46	2.75	11900	0.241	0.712	385	1.4	36.1	3.82	104
0.506	13100	1290	<DL	21900	8.93	18.6	67.5	<DL	5.39	14.3	0.373	29.8	0.295	0.081	38.7	<DL	4.74	1.48	284	<DL	1.27	2.13	10800	0.242	0.619	336	0.997	30	3.4	94
0.519	18800	1360	<DL	19500	8.43	17.9	77.5	<DL	5.87	13.5	0.307	27.2	0.191	0.085	41.5	<DL	4.66	1.44	224	<DL	1.27	2.21	9860	0.206	0.629	328	<DL	31.1	3.62	92.5
0.554	19400	1410	<DL	18700	8.93	18.8	83.6	<DL	4.36	13.4	0.379	26	0.177	0.098	44.1	1.15	5.06	1.39	213	<DL	1.37	2.38	9630	0.24	0.618	327	<DL	31.9	3.57	96.9
0.52	21500	1430	<DL	18300	8.44	17.6	88.1	<DL	4.27	13.5	0.344	27.7	0.201	0.126	44	0.798	4.93	1.65	213	<DL	1.29	2.18	9630	0.24	0.569	333	0.836	30.9	3.43	96.3
0.511	20300	1390	<DL	17800	8.16	17.3	88	<DL	5.38	12.4	0.31	24.3	0.204	0.075	46.7	<DL	4.53	1.63	214	<DL	1.27	2.11	9440	0.235	0.614	328	<DL	27.8	3.2	87.8
0.467	20700	1450	<DL	18700	8.25	16.8	94.7	<DL	4.34	13.3	0.448	24.8	0.207	<DL	48.7	<DL	4.54	1.6	229	<DL	1.29	1.93	9690	0.209	0.543	347	<DL	27.8	3.29	96.1
0.483	20700	1420	<DL	18800	7.62	16.4	93.8	<DL	3.76	12.7	0.388	22.6	0.251	0.079	47.9	<DL	4.32	1.19	237	<DL	1.23	1.83	9350	0.144	0.532	343	<DL	25.6	3.01	87.2
0.508	22500	1450	<DL	20500	7.47	16.3	95.5	<DL	4.01	14.1	0.393	24.7	0.252	0.078	46.4	<DL	4.22	1.3	259	<DL	1.18	1.92	9380	0.243	0.506	349	<DL	27	3.16	90
0.519	22300	1600	<DL	22400	7.49	16.7	96.3	<DL	3.83	15.3	0.373	25.2	0.336	<DL	47.5	<DL	4.42	1.46	294	<DL	1.25	1.87	9430	0.178	0.644	354	<DL	26.7	3.26	78.6
0.42	21800	1570	<DL	25000	7.2	15	94.8	<DL	9.97	14.7	0.379	18.4	0.341	<DL	47.8	<DL	4.15	1.37	303	<DL	1.14	1.65	9300	0.131	0.907	344	<DL	23.4	2.9	93.7
0.346	32300	1970	<DL	23800	3.36	7.63	35.4	270	2.29	10.3	0.114	7.55	0.132	<DL	63.2	<DL	2.74	<DL	145	<DL	0.849	<DL	20500	<DL	<DL	649	0.853	22.8	2.48	93.5
0.404	22100	1700	<DL	22200	6.97	14.3	99.7	<DL	3.58	14.7	0.361	26	0.281	<DL	48.5	<DL	3.91	1.33	279	<DL	1.11	1.66	9820	0.213	0.576	396	<DL	24.1	2.93	79.3
0.477	25300	1710	<DL	20700	7.13	15.2	102	<DL	3.61	16.1	0.389	33.7	0.295	<DL	46.8	<DL	4.08	1.28	272	<DL	1.14	1.85	9450	0.247	0.593	373	<DL	27.2	3.23	86.2
0.424	22500	1690	<DL	17300	6.71	14.3	109	4.92	3.48	14.2	0.398	31.1	0.275	0.075	47.9	<DL	4.04	1.33	233	<DL	1.21	1.67	8850	0.326	0.463	332	<DL	24.6	3.11	89.8
0.394	20700	1660	<DL	15700	6.06	12.9	111	<DL	3.07	12.7	0.322	29.2	0.257	<DL	48.8	<DL	3.63	1.28	230	<DL	0.98	1.37	8430	0.271	0.451	345	<DL	19.6	2.65	81.6
0.385	18800	1670	<DL	16000	6.43	13.3	105	61.5	3.49	12.7	0.356	28.5	0.258	0.07	47.8	<DL	3.38	1.33	241	<DL	1.02	1.39	9140	0.28	0.479	379	<DL	19.1	2.48	91.1
0.387	16800	1690	<DL	16900	7.21	14.1	99.6	106	4.02	13.4	0.423	30.6	0.257	<DL	47.8	<DL	3.64	1.47	231	<DL	1.07	1.64	9570	0.226	0.562	364	<DL	20.5	2.78	91.5
0.421	17800	1670	<DL	16700	7.37	15.6	99.8	279	4.34	15.4	0.38	32.2	0.356	0.095	46	<DL	4.06	1.54	260	<DL	1.19	1.56	9410	0.296	0.493	347	<DL	22.6	2.82	93
0.438	17500	1660	<DL	19100	7.11	15.3	98.8	477	4.86	16.7	0.356	29.9	0.335	<DL	47.4	<DL	3.93	1.55	261	<DL	1.3	1.56	9200	0.219	0.595	341	<DL	22.2	3.02	97.3
0.527	20200	1710	<DL	17500	7.58	15.7	114	777	3.47	20.8	0.586	36.4	0.34	0.085	47.2	<DL	4.42	1.66	268	<DL	1.3	1.8	9280	0.292	0.707	338	<DL	26.2	3.59	123
0.528	19500	1720	<DL	16400	7.37	15.5	106	973	3.42	21.2	0.676	36.9	0.341	<DL	46.2	<DL	4.11	1.78	260	<DL	1.26	1.63	9070	0.289	0.549	331	<DL	24.2	3.43	129
0.511	18000	1720	<DL	16400	7.43	16.1	97.7	1140	3.7	20.9	0.735	35.1	0.325	0.089	45.2	<DL	3.95	1.57	258	<DL	1.32	1.66	8930	0.277	0.523	327	<DL	23	3.65	143
0.493	17100	1780	<DL	16000	7.57	15.9	98.8	954	3.86	18.8	0.665	28.3	0.276	0.18	47.1	0.94	4.3	1.8	240	<DL	1.38	1.57	9140	0.258	0.665	326	<DL	21.8	3.08	138
0.206	30900	1130	<DL	27200	7.64	10.3	141	1230	15.5	10.4	0.269	19.4	0.271	<DL	39.1	<DL	2.38	<DL	591	20.8	0.547	1.97	5040	0.169	0.849	285				

40180	A14-1183-043	GMI14-1244	58700	3.08	<DL	331	0.464	<DL	55700	2.18	18.8	59	194	0.272	206	3.66	2.42	1.97	105000	27.5	4.02	<DL	12300	7.86	22
40181	A14-1183-044	GMI14-1245	57700	4.12	<DL	323	0.444	<DL	54000	2.31	19.2	58.3	194	0.38	206	3.5	2.27	2.02	103000	26.8	4	<DL	10100	8.14	25.1
40182	A14-1183-045	GMI14-1246	61700	4.72	<DL	350	0.473	<DL	57200	2.38	20.4	57.4	179	0.498	217	3.77	2.58	2.15	106000	29.3	4.37	<DL	12700	8.45	23
40183	A14-1183-046	GMI14-1247	59000	5.06	<DL	366	0.624	<DL	58400	3.76	20.1	59.1	200	0.451	229	3.72	2.42	2.21	106000	30.1	4.19	<DL	11400	8.18	28.1
40184	A14-1183-047	GMI14-1248	54600	1.61	<DL	375	2.74	<DL	38100	5.14	52.7	44.5	257	0.161	127	1.87	1.39	2.02	68500	30.4	5.25	<DL	14800	35.9	23.4
40185	A14-1183-048	GMI14-1249	59500	1.38	<DL	178	2.72	<DL	35100	6.71	55.8	35.8	231	0.158	109	1.79	1.34	1.34	58200	22.9	5.66	<DL	11500	35.3	23.4
40186	A14-1183-049	GMI14-1250	56600	1.11	<DL	147	2.49	<DL	47000	1.9	20.2	45.2	273	0.244	128	1.81	1.29	1.05	68900	20.5	2.75	<DL	10300	11.2	17.9
40187	A14-1183-050	GMI14-1251	53700	1.64	<DL	163	2.51	<DL	44400	2.25	22.3	48.4	294	0.213	154	1.78	1.25	1.09	74900	21.3	2.83	<DL	9240	12.9	21.4

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40111	A14-1182-025	GMI14-1175	46600	1.52	<DL	269	0.96	<DL	54100	0.837	11.8	58.3	317	0.089	152	1.78	1.16	1.37	86800	24.9	1.98	<DL	8740	8.44	12.8
		GI14-1175 DUP	50400	1.6	<DL	281	0.977	<DL	56900	0.778	11.8	60.2	320	0.113	155	1.82	1.15	1.43	89600	25.9	2	<DL	9030	8.74	13.6
40137	A14-1182-051	GMI14-1201	58000	3.86	<DL	221	0.888	<DL	55400	6.21	47.1	51.5	39.5	0.686	183	8.94	5.93	3.02	125000	28.8	11.1	0.159	7050	23.3	13.2
		GMI14-1201 DUP	56900	4.82	<DL	217	0.862	<DL	54200	6.13	47.3	50.4	37.7	0.651	181	8.96	6	2.98	123000	28.3	11.4	0.138	6940	23.3	12.8
40162	A14-1183-025	GMI14-1226	59500	8.36	<DL	421	0.891	<DL	57000	7.47	25.2	58.2	93.5	0.175	246	5.33	3.82	3.77	122000	35.9	6.38	0.075	12000	13.2	19.1
		GMI14-1226 DUP	59000	7.8	<DL	411	0.866	<DL	56200	7.33	24.4	56.4	103	0.166	252	5.57	3.66	3.79	120000	35.7	6.49	0.093	11800	13	18.8
40187	A14-1183-050	GMI14-1251	53700	1.64	<DL	163	2.51	<DL	44400	2.25	22.3	48.4	294	0.213	154	1.78	1.25	1.09	74900	21.3	2.83	<DL	9240	12.9	21.4
		GMI14-1251 DUP	54700	1.43	<DL	165	2.53	<DL	45700	2.12	22.9	49.1	298	0.232	157	1.94	1.36	1.11	76300	21.8	2.98	<DL	9340	13.3	21.6

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		Certified Values:		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2380	0.672							19100			204000				16400						
		CRM PTM-1a #2		2340	3.45							18300			204000				14900						
		CRM PTM-1a #3		2230	1.47							19000			200000				20300						
		CRM PTM-1a #4		2370	2.94							20200			224000				16500						
		Certified Values:	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	49100	11		414	0.506	2.82	26100	4.6	33.3	622	346	0.296	9730	1.53	0.965	1.83	280000	23.9	4.17		7530	18.8	
		CRM SU-1b #2	43400	7.6		406	0.381	2.11	23100	4.09	32.3	621	309	0.335	9290	1.42	1.03	2.31	249000	24.3	5.14		6910	18.1	
		CRM SU-1b #3	51900	9.64		406	0.643	2.04	26700	5.89	27.4	664	325	0.21	9040	1.63	1.42	3.16	289000	26.2	5.4		7520	16.8	
		CRM SU-1b #4	49500	4.04		384	0.488	1.86	25600	4.48	27.6	646	353	0.273	10400	1.25	0.802	1.45	277000	22.4	3.28		7300	17	
		Certified Values:	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	57900	25.2		135		33.3	25200	11.6		154	187	0.494	2010				225000	46.3		1.89	5580	8.33	14.6
		CRM RTS-3a #2	53500	25.2		138		34.6	23200	12.5		147	175	0.512	2120				209000	43.5		1.84	5340	8.56	14.2
		CRM RTS-3a #3	59200	22.5		129		30.3	24500	14.3		152	177	0.254	2090				233000	45.7		1.97	5460	7.58	20.1
		CRM RTS-3a #4	59200	23.2		124		25.6	25100	12.3		157	192	0.454	2180				225000	45.9		1.72	5440	7.64	13.4
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	69200	24.8		759	1.4		19500	3.43	94.2	34.6	77.5	2.5	47.7	5.16		3.89	45000				22000	55.5	24
		CRM LKSD-3 #2	62800	23.5		745	1.22		17400	3.8	86.8	31.3	67.4	2.18	45	4.67		4.45	39100				20400	54.3	24.5
		CRM LKSD-3 #3	75000	21		733	1.98		20200	7.61	70.5	33.8	71	1.47	73.3	4.53		5.95	54400				22600	45.4	35
		CRM LKSD-3 #4	65300	23.6		645	1.33		18700	3.59	93.4	33	76.4	2.4	54.3	4.9		3.71	42100				20500	45.2	20.5





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.62	9.8		10.2	10.4		10.6	9.84			10.6		10.2	10.2	10.1		10.4	10.2	10.6		10.5	10.2
		Spike #4		10.2	9.21		7.88	10.9		10.1	10.5			11.2		10.2	10.3	10.4		9.81	12.6	10.3		10.9	7.84
		Spike #7		10	10		10.3	10.1		10.6	10.1			10.3		10.2	10.1	10.1		10.3	10.1	10.4		10.3	10.3
		Spike #10		9.62	11.8		10.1	10.3		10.5	9.63			10.2		10.1	9.99	10.3		10.3	11.3	10.3		9.83	10.1
		Actual Spike Values:				100						100	100		100										
		Spike #2				104						103	100		98.2										
		Spike #5				91.2						87.5	82.8		87.7										
		Spike #8				87						88.9	83		81.3										
		Spike #11				95						87.9	81.6		82.4										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10300						10300										10300				10300		
		Spike #6	10100						10200										10400				10800		
		Spike #9	9850						9720										11500				9690		
		Spike #12	10300						10000										10100				10200		



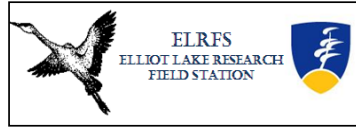
# Certified Analysis - Elliot Lake Research Field Station

JOB CODE: **GMI14-018**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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**Batch: 14-1184 (49) & 14-1185 (42)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 49 + 42  
Dates Analysed/ Analyst: Oct 22 - Dec 15, 2014 / Troy Maki  
Submission Date: 2014 12 18

**Dr. Graeme Spiers - ELRFS Director**

QC Note: This batch does not contain Sc results due to QC failure.

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40188	A14-1184-001	GMI14-1252	51600	1.94	2.25	237	1.95	<DL	44500	3.87	32.2	44	266	0.29	142	1.8	1.3	1.48	67800	24.2	3.69	<DL	14000	18.7	14
40189	A14-1184-002	GMI14-1253	53600	1.18	<DL	275	1.36	<DL	50400	1.77	15.9	49.8	296	0.295	143	1.69	1.14	1.47	73800	25.2	2.31	<DL	12800	9.79	15.8
40190	A14-1184-003	GMI14-1254	58100	1.67	<DL	365	1.32	<DL	50100	2.72	29.7	46.9	286	0.566	114	2.02	1.41	2.02	72300	29.4	3.85	<DL	15800	15.6	21.9
40191	A14-1184-004	GMI14-1255	59300	0.957	<DL	274	0.67	<DL	57900	1.38	12.5	51.5	315	0.673	136	1.89	1.25	1.5	77600	24.5	2.13	<DL	14000	6.73	25.7
40192	A14-1184-005	GMI14-1256	59400	0.598	<DL	237	1.49	<DL	52400	4.28	23.8	47.5	288	0.605	119	1.89	1.43	1.36	74200	24.5	2.9	<DL	13000	15.2	19.9
40193	A14-1184-006	GMI14-1257	54400	1.63	<DL	206	2	<DL	49900	1.55	17.7	49.5	291	0.382	138	1.86	1.22	1.3	73900	23.1	2.55	<DL	12700	10	12.9
40194	A14-1184-007	GMI14-1258	58500	1.35	<DL	292	1.08	<DL	58200	1.41	15.5	52.3	306	0.617	145	1.91	1.37	1.65	80400	25.7	2.5	<DL	14300	9.45	18.2
40195	A14-1184-008	GMI14-1259	49400	1.33	<DL	266	1.84	<DL	44200	2.76	36.8	49.1	289	0.294	213	1.72	1.25	1.59	74700	25	4.06	<DL	12700	23.9	18.1
40196	A14-1184-009	GMI14-1260	50800	1.92	<DL	207	1.67	<DL	48900	2.26	20.6	51.7	300	0.337	161	1.79	1.26	1.35	78000	23.1	3.18	<DL	13800	11.4	16.3
40197	A14-1184-010	GMI14-1261	58100	1.44	<DL	578	1.97	<DL	43400	5.06	45.6	44.6	280	0.509	107	1.93	1.46	3.1	70400	41.9	5.77	<DL	17800	25.5	19.1
40198	A14-1184-011	GMI14-1262	58800	1.58	<DL	228	2.03	<DL	43000	4.21	43.4	42.6	266	0.514	97.5	1.82	1.45	1.61	67000	25.9	5.06	<DL	12100	25.4	23
40199	A14-1184-012	GMI14-1263	55400	1.78	<DL	191	1.17	<DL	54000	1.57	12.5	51	305	0.54	119	1.72	1.22	1.19	77700	21.7	2.2	<DL	11700	6.49	17.3
40200	A14-1184-013	GMI14-1264	50700	5.03	<DL	39.5	0.318	<DL	52400	1.4	9.31	62.8	21.5	0.085	196	4.18	2.51	1.36	151000	19.4	3.46	<DL	2360	2.96	6.29
40201	A14-1184-014	GMI14-1265	63700	2.3	<DL	204	0.632	<DL	64400	0.85	16.7	55.8	325	0.94	147	2.08	1.41	1.38	83000	22	2.79	<DL	12500	10.1	24.6
40202	A14-1184-015	GMI14-1266	63700	1.33	<DL	223	0.227	<DL	65700	0.842	5.83	58.4	346	0.656	126	2.05	1.32	1.42	85500	23.1	1.86	<DL	11300	2.33	17.7
40203	A14-1184-016	GMI14-1267	61500	1.59	<DL	194	0.899	<DL	60500	1.53	9.78	55.1	306	0.701	149	1.92	1.37	1.28	79000	21.8	2.11	<DL	13000	4.77	23
40204	A14-1184-017	GMI14-1268	61000	1.66	<DL	260	0.413	<DL	63200	0.801	4.82	55.2	325	0.977	121	1.91	1.31	1.54	80300	24.4	1.66	<DL	13700	2.01	27.9
40205	A14-1184-018	GMI14-1269	52000	0.98	<DL	253	1.74	<DL	48800	1.81	19.8	54.8	308	0.332	125	1.89	1.22	1.63	77100	25.1	3.08	<DL	12800	10.9	22.1
40206	A14-1184-019	GMI14-1270	46800	1.43	<DL	414	2.08	<DL	38800	3.78	55.7	39.5	337	0.164	97.7	2.12	1.65	2.78	58700	33	7.9	<DL	13700	25.2	11.9
40207	A14-1184-020	GMI14-1271	50000	1.81	<DL	300	1.31	<DL	45200	2.29	19.2	48.7	286	0.296	138	1.7	1.13	1.77	73200	26.9	2.84	<DL	13300	11.4	16.3
40208	A14-1184-021	GMI14-1272	60200	1.55	<DL	308	1.07	<DL	54700	2.72	22.9	50.7	293	0.346	135	1.95	1.45	1.87	73600	28.5	3.4	<DL	14100	12.6	10.4
40209	A14-1184-022	GMI14-1273	52200	1.27	<DL	436	2.24	<DL	38200	4.21	38.6	42.3	254	0.218	126	1.87	1.41	2.54	63300	36.1	4.97	<DL	15600	20.4	12.2
40210	A14-1184-023	GMI14-1274	53700	1.48	<DL	415	3.42	<DL	37200	5.84	59.4	39.6	249	0.257	115	1.94	1.63	2.47	60200	35	6.68	<DL	14800	35.7	13.8
40211	A14-1184-024	GMI14-1275	54600	1.56	<DL	392	1.68	<DL	44100	4.45	36.7	46.9	276	0.392	128	1.97	1.49	2.34	71700	33.3	4.86	<DL	14200	20.5	19.3
40212	A14-1184-025	GMI14-1276	63700	1.93	<DL	190	0.794	<DL	64100	1.5	8.55	54.2	313	0.595	166	1.99	1.4	1.32	79600	22.1	2.08	<DL	11600	4.21	19.2
40213	A14-1184-026	GMI14-1277	59100	1.91	6.95	268	3.07	<DL	45900	6.37	23.3	44.7	264	0.48	140	1.91	1.59	1.61	74600	26.9	2.86	<DL	10800	18.9	30.7
40214	A14-1184-027	GMI14-1278	64600	2.19	2.18	365	2.01	<DL	50400	4.11	36.5	49.4	273	0.412	138	2.18	1.79	2.01	79100	31.7	3.55	<DL	14300	26.1	26.8
40215	A14-1184-028	GMI14-1279	57100	1.56	1.41	229	2.38	<DL	52600	1.53	11.6	52.7	305	0.349	153	1.74	1.26	1.36	81700	24.3	1.53	<DL	10100	8.16	26.6
40216	A14-1184-029	GMI14-1280	50300	2.94	1.19	310	2.38	<DL	47600	4.75	21.8	45.8	260	0.296	130	1.73	1.29	1.71	68500	27.3	2.34	<DL	10700	15.3	18.6
40217	A14-1184-030	GMI14-1281	42000	1.97	<DL	243	3	<DL	36200	3.56	20.5	39.2	242	0.147	120	1.22	1.04	1.52	61700	26.5	2.34	<DL	9290	12.7	22.3
40218	A14-1184-031	GMI14-1282	40000	1.43	<DL	342	2.33	<DL	32500	5.28	25.1	37.5	232	0.149	117	1.16	0.992	1.91	59600	30.1	2.58	<DL	12300	16.1	15.7
40219	A14-1184-032	GMI14-1283	45000	2.7	<DL	303	0.924	<DL	46700	1.61	9.27	50.5	288	0.305	146	1.6	1.14	1.67	76300	26.1	1.51	<DL	11700	5.05	14.4
40220	A14-1184-033	GMI14-1284	44800	2.01	<DL	300	1.82	<DL	42700	3	18.2	45.3	257	0.249	137	1.45	1.16	1.72	68700	26.7	2.1	<DL	12800	11.6	15.8

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.146	18600	921	12.2	22200	8.75	10.3	139	798	20.4	7.07	0.215	30.7	0.153	<DL	n/a	<DL	1.95	<DL	296	4.12	0.433	12.8	4330	0.271	5.24	236	1.77	7.93	1.19	68.2	
0.14	24500	999	21.1	22200	4.23	5.55	159	654	19.7	7.95	<DL	31.4	0.201	<DL	n/a	<DL	1.34	<DL	378	<DL	0.314	6.07	4430	0.285	2.83	253	<DL	8.04	1.09	77.6	
0.172	24300	916	<DL	21600	4.58	11.2	152	1090	17.5	8.93	0.123	38.2	0.233	<DL	n/a	<DL	2.12	<DL	413	<DL	0.505	4.41	4560	0.344	2.25	259	<DL	9.2	1.29	82.2	
0.149	31500	1050	15.8	20200	2.39	5.36	166	1050	14	8.03	<DL	41.9	0.176	<DL	n/a	<DL	1.37	<DL	327	<DL	0.347	1.95	4670	0.343	0.976	281	<DL	9.27	1.24	73.3	
0.17	29800	1030	<DL	24600	3.99	6.61	156	1290	19.4	8.02	0.177	41.9	0.168	<DL	n/a	<DL	1.45	<DL	301	<DL	0.38	15.3	4420	0.28	3.26	265	<DL	9.94	1.4	81.8	
0.145	25300	1030	<DL	24100	5.35	6.2	158	1310	22	7.52	<DL	35.7	0.163	<DL	n/a	<DL	1.45	<DL	308	<DL	0.355	5.03	4450	0.277	3.3	256	<DL	8.18	1.22	85	
0.156	32400	1110	<DL	19700	2.98	5.78	168	1560	16.4	8.51	<DL	46	0.181	<DL	n/a	<DL	1.42	<DL	311	<DL	0.349	2.69	4680	0.338	1.22	284	<DL	9.11	1.28	92.8	
0.142	22600	1100	<DL	20700	5.71	9.05	153	1730	37.5	7.4	0.178	29.7	0.154	<DL	n/a	<DL	1.62	<DL	269	<DL	0.422	11.2	4470	0.262	3.81	262	<DL	7.74	1.06	109	
0.146	23000	1100	<DL	18800	5.62	7.32	164	1920	25.1	7.09	0.151	32.9	0.138	<DL	n/a	<DL	1.64	<DL	240	<DL	0.376	5.54	4590	0.277	2.69	271	<DL	7.88	1.2	120	
0.128	19100	954	<DL	19400	8.41	14.8	145	1920	34.1	9.97	0.249	46.3	0.295	<DL	n/a	<DL	2.44	<DL	447	<DL	0.585	8.8	4390	0.373	3.95	245	<DL	7.58	1.12	104	
0.143	23400	924	<DL	25500	7.97	12.6	138	1670	15.5	6.88	0.221	38.2	0.11	<DL	n/a	<DL	2.09	<DL	214	<DL	0.518	11	4120	0.282	5.85	238	<DL	8.53	1.2	90.8	
0.156	29600	1110	17.7	17900	3.8	5.14	167	1700	10.5	6.3	<DL	38.4	0.095	<DL	n/a	<DL	1.37	<DL	184	<DL	0.324	4.86	4650	0.285	2.57	273	<DL	8.49	1.23	96.1	
0.33	23300	1930	<DL	19000	3.05	7.9	21.3	2980	2.45	9.8	<DL	6.28	<DL	<DL	n/a	<DL	2.73	<DL	128	<DL	0.683	<DL	19200	<DL	<DL	596	<DL	18	2.41	144	
0.18	38300	1100	<DL	17500	2.68	6.16	188	1970	26	8.42	<DL	47.8	0.139	<DL	n/a	<DL	1.7	<DL	238	<DL	0.398	<DL	4850	0.338	0.423	301	<DL	10.4	1.38	92.7	
0.159	38200	1150	11.8	15600	1.57	4.16	197	1860	5.66	7.11	<DL	36.9	0.114	<DL	n/a	<DL	1.31	<DL	189	<DL	0.344	<DL	5080	0.24	0.151	303	<DL	9.82	1.31	79.1	
0.168	36800	1020	30.2	18600	2.61	4.87	180	1860	10.4	7.72	<DL	42.7	0.141	<DL	n/a	<DL	1.33	<DL	227	<DL	0.341	2.14	4690	0.288	1.37	282	<DL	9.41	1.29	84.6	
0.167	38200	1070	8.02	15400	1.29	3.58	189	1790	5.17	7.64	<DL	52.9	0.134	<DL	n/a	<DL	1.28	<DL	222	<DL	0.298	<DL	4810	0.385	<DL	288	<DL	9.36	1.3	83.3	
0.128	28300	1090	24.8	20300	4.35	7.69	169	2030	9.08	7.1	0.113	28.2	0.139	<DL	n/a	<DL	1.58	<DL	219	<DL	0.4	2.71	4600	0.24	2.06	263	<DL	8.05	1.14	106	
0.133	19400	862	10.8	23900	4.88	23	130	2750	21.5	10.3	0.16	28	0.281	<DL	n/a	<DL	4.13	<DL	413	<DL	0.863	7.62	4030	0.235	2.5	191	<DL	7.82	1.13	101	
0.126	22500	1000	13.5	20800	3.48	6.45	157	1880	28.4	7.34	0.113	35.2	0.173	<DL	n/a	<DL	1.38	<DL	257	<DL	0.352	5.4	4420	0.274	2.18	257	<DL	7.32	1.11	98.7	
0.174	25700	968	8.38	22800	3.82	7.89	168	2040	27.4	8.67	0.134	39.8	0.168	<DL	n/a	<DL	1.85	<DL	270	<DL	0.414	8.94	4460	0.3	2.52	261	<DL	9.3	1.38	89	
0.141	15700	852	<DL	25300	6.56	12.2	135	2030	26.3	8.61	0.261	39	0.198	<DL	n/a	<DL	2.32	<DL	288	<DL	0.513	13.4	3910	0.341	3.55	222	<DL	7.8	1.19	110	
0.174	16600	898	6.97	28800	9.77	15.3	127	1980	31.8	8.92	0.397	36.5	0.198	<DL	n/a	<DL	2.62	<DL	301	<DL	0.638	18.5	3720	0.301	5.67	210	<DL	9.01	1.36	119	
0.18	22600	951	<DL	22700	5.33	11.6	150	2120	42.1	8.61	0.287	36.2	0.182	<DL	n/a	<DL	2.2	<DL	276	<DL	0.546	11.9	4370	0.295	3.3	250	<DL	8.8	1.35	117	
0.188	37200	1040	14.6	18500	2	4.58	177	2180	24.6	8.37	<DL	44.9	0.135	<DL	n/a	<DL	1.42	<DL	222	<DL	0.352	2.7	4740	0.292	1.54	288	<DL	10.1	1.43	89.7	
0.197	30300	1080	<DL	27100	10.9	8.91	139	<DL	56.6	7.2	0.349	37	0.175	<DL	n/a	<DL	1.67	<DL	242	15.3	0.537	24.1	4270	0.292	5.36	261	3.76	10.7	1.42	80.6	
0.206	30700	1150	<DL	27200	6.41	11.9	152	<DL	14.8	8.08	0.215	39.1	0.181	<DL	n/a	<DL	2.22	<DL	279	<DL	0.646	10.8	4650	0.356	3.08	270	3.1	11.4	1.48	91.9	
0.14	30900	1130	<DL	22600	4.75	4.64	170	<DL	18.7	6.67	<DL	26.8	0.183	<DL	n/a	<DL	1.2	<DL	249	<DL	0.387	3.13	4740	0.269	2.15	273	2.3	8.69	1.13	85.3	
0.146	21000	961	<DL	21000	6.15	7.17	142	<DL	49.7	6.64	0.285	26.6	0.164	<DL	n/a	<DL	1.45	<DL	252	<DL	0.476	12.2	4080	0.272	6.4	224	1.94	8.37	1.15	98.6	
0.091	10800	954	<DL	21700	5.69	7.73	128	<DL	40.1	5.47	0.216	17.2	0.194	<DL	n/a	<DL	1.49	<DL	268	<DL	0.432	9.84	3760	0.185	5.21	213	1.65	5.15	0.806	109	
0.088	7200	807	<DL	22800	5.5	8.67	120	<DL	24.2	5.7	0.255	23.9	0.21	<DL	n/a	<DL	1.51	<DL	286	<DL	0.433	6.28	3660	0.246	3.53	201	<DL	4.5	0.738	93.5	
0.136	20100	1020	10.4	16400	2.58	4.97	160	<DL	16.1	5.59	<DL	25.4	0.147	<DL	n/a	<DL	1.23	<DL	214	<DL	0.368	1.52	4620	0.23	0.969	239	<DL	7.11	0.956	75.6	
0.119	18500	998	<DL	17900	4.17	6.72	142	<DL	27.4	5.71	0.112	27	0.157	<DL	n/a	<DL	1.41	<DL	224	<DL	0.424	7.04	4100	0.242	2.8	220	<DL	6.8	0.935	97.8	

40221	A14-1184-034	GMI14-1285	54600	2.23	<DL	276	0.523	<DL	59800	0.997	5.9	53.9	293	0.361	153	1.73	1.26	1.62	79800	24	1.25	<DL	13400	3.17	21.6
40222	A14-1184-035	GMI14-1286	43900	1.54	<DL	271	1.57	<DL	46000	1.5	15.9	45.5	282	0.155	158	1.49	1.03	1.61	72800	24.5	1.81	<DL	11400	11.9	24.9
40223	A14-1184-036	GMI14-1287	42700	2.11	<DL	169	1.78	<DL	47700	1.64	14.8	51	306	0.204	134	1.65	1.2	1.19	78100	20.1	1.9	<DL	8100	9.97	25
40224	A14-1184-037	GMI14-1288	35100	2.06	<DL	200	2.35	<DL	33700	6.31	29.8	46.7	264	0.182	139	1.33	1.16	1.28	70400	23.2	2.8	<DL	10400	21.2	17.5
40225	A14-1184-038	GMI14-1289	35400	2.19	<DL	185	0.433	<DL	49900	2.36	13.9	55.8	153	0.189	199	2.21	1.5	1.47	87000	20.1	2.27	<DL	8730	6.61	10.9
40226	A14-1184-039	GMI14-1290	51800	2.2	<DL	227	1.36	<DL	51800	2.92	20.2	51.1	283	0.4	149	1.86	1.43	1.5	76300	23.1	2.27	<DL	11300	14.1	26.9
40227	A14-1184-040	GMI14-1291	52000	2.12	<DL	250	0.89	<DL	55900	0.796	6.86	50.9	287	0.465	116	1.57	1.22	1.5	74900	23.8	1.24	<DL	12300	4.16	28.2
40228	A14-1184-041	GMI14-1292	46100	2.22	<DL	295	1.19	<DL	47100	1.6	9.65	53	279	0.291	152	1.63	1.19	1.69	77000	26.1	1.46	<DL	13600	6.4	23.1
40229	A14-1184-042	GMI14-1293	39900	1.61	<DL	236	1.68	<DL	39800	2.04	11.8	47.6	268	0.209	133	1.42	1.09	1.42	72300	23.3	1.47	<DL	10900	7.65	20.9
40230	A14-1184-043	GMI14-1294	46100	2.6	<DL	191	2.6	<DL	48400	3.78	14	49.2	278	0.328	134	1.63	1.33	1.27	75200	22	1.65	<DL	10400	9.59	18.1
40231	A14-1184-044	GMI14-1295	39000	1.99	<DL	240	3.43	<DL	38600	2.9	25	53.3	265	0.176	100	1.61	1.22	1.55	73100	25.1	2.4	<DL	12500	19.1	18.1
40232	A14-1184-045	GMI14-1296	43400	2.23	1.28	219	4.83	<DL	24800	66.7	115	30.1	203	0.084	131	3.05	3.3	1.83	59800	29.7	10	<DL	19900	69.8	8.65
40233	A14-1184-046	GMI14-1297	42500	2.02	<DL	259	3.3	<DL	36100	17.6	61.6	41.7	246	0.2	131	2.03	1.93	1.8	64400	28.7	5.65	<DL	16600	39.1	13.2
40234	A14-1184-047	GMI14-1298	43400	1.92	<DL	265	4.7	<DL	27600	14	55.8	39.3	207	0.12	218	1.57	1.56	1.75	55800	31.1	5.02	<DL	19800	36	10.2
40235	A14-1184-048	GMI14-1299	38100	2.18	<DL	252	3.66	<DL	37000	4.22	23.2	45.9	244	0.131	230	1.29	1.05	1.56	66400	26.4	2.35	<DL	11400	14.5	12.6
40236	A14-1184-049	GMI14-1300	43600	1.7	<DL	394	2	<DL	42700	4.42	22.6	41.6	246	0.238	139	1.42	1.15	2.21	64400	32.3	2.48	<DL	14100	14.7	16.2
40237	A14-1185-001	GMI14-1301	49600	2.23	2.03	258	0.616	<DL	55000	1.84	8.3	49.8	318	0.406	144	1.63	1.25	1.64	73200	23	1.56	<DL	9930	4.97	19.9
40238	A14-1185-002	GMI14-1302	46700	2.66	<DL	630	1.81	<DL	45700	5	56.3	46.4	370	0.298	129	2.52	2.37	4.23	61400	39.6	7.78	<DL	12900	31.1	26.5
40239	A14-1185-003	GMI14-1303	40100	2.21	<DL	928	2.43	<DL	35800	9.39	111	40.2	473	0.234	94.3	3.41	3.67	6.4	48600	54.6	14.8	<DL	12400	58.3	31.5
40240	A14-1185-004	GMI14-1304	35000	1.79	<DL	1140	1.81	<DL	32600	6.74	100	39.5	542	0.162	85.2	3.01	3.35	7.55	47300	64.6	14.2	<DL	14000	50.3	27.1
40241	A14-1185-005	GMI14-1305	35800	2.4	<DL	1060	2.52	<DL	36200	7.39	114	40.3	465	0.252	93.2	3.45	3.79	7.52	47400	60.5	15.8	<DL	10900	60.5	32.1
40242	A14-1185-006	GMI14-1306	43700	3.06	<DL	474	1.9	<DL	52800	4.41	57.2	51.4	379	0.206	174	2.53	2.46	3.56	69200	34.2	7.82	<DL	8150	33.4	20.4
40243	A14-1185-007	GMI14-1307	44900	2.97	<DL	386	2.1	0.725	50400	4.02	31.5	46.6	277	0.129	347	1.93	1.57	2.58	67900	31.9	4.3	<DL	7850	20.7	12
40244	A14-1185-008	GMI14-1308	43200	2.16	<DL	529	2.43	<DL	43000	3.86	34.1	42.2	255	<DL	129	1.49	1.37	3.23	60900	39.4	4.41	<DL	11600	23.8	8.66
40245	A14-1185-009	GMI14-1309	41500	2.13	<DL	644	3.63	<DL	45300	3.95	52	38.7	264	<DL	104	1.93	1.85	4.14	53800	43.5	6.27	<DL	15100	35.5	10.6
40246	A14-1185-010	GMI14-1310	41300	1.85	<DL	666	3.74	<DL	22100	6.38	69.5	28.4	264	<DL	89.1	2	2.22	4.52	42200	46.5	8.89	<DL	21200	46	6.35
40247	A14-1185-011	GMI14-1311	39300	2.35	<DL	349	1.79	<DL	40800	3.45	32.4	46.1	286	0.088	124	1.67	1.47	2.57	65000	29	4.15	<DL	11000	23.1	15.1
40248	A14-1185-012	GMI14-1312	47200	2.36	<DL	183	0.505	<DL	57100	1.42	9.9	51.8	306	0.102	158	1.59	1.26	1.37	72400	20.1	1.68	<DL	6710	6.91	9.71
40249	A14-1185-013	GMI14-1313	46800	2.62	<DL	257	0.438	<DL	52300	1.68	7.98	51.4	290	0.21	128	1.6	1.15	1.81	73000	23.3	1.52	<DL	9180	5.26	17.3
40250	A14-1185-014	GMI14-1314	40200	3.88	<DL	186	0.375	<DL	53300	3.12	12.9	55.9	150	0.224	218	2.32	1.69	1.66	84600	20.3	2.63	<DL	8660	6.3	12.9
40251	A14-1185-015	GMI14-1315	48800	3.02	<DL	250	0.39	<DL	53600	1.32	4.8	53.9	302	0.231	148	1.6	1.15	1.7	76400	23	1.24	<DL	9770	2.9	21.5
40252	A14-1185-016	GMI14-1316	32500	2.58	<DL	258	1.3	<DL	29300	2.12	5.75	48.7	286	0.13	263	1.06	0.737	1.69	74000	25.4	1.19	<DL	10700	3.91	29.5
40253	A14-1185-017	GMI14-1317	37500	3.35	<DL	146	0.779	<DL	49100	1.21	4.34	52.5	309	<DL	185	1.28	0.925	1.18	74100	19.4	1.03	<DL	7470	2.14	9.43
40254	A14-1185-018	GMI14-1318	35800	2.94	<DL	225	1.08	<DL	36400	1.45	4.58	51.8	291	0.242	144	1.29	0.922	1.48	73700	22.8	1.06	<DL	12300	2.36	33.6
40255	A14-1185-019	GMI14-1319	45800	2.75	<DL	206	0.491	2.01	51900	1.62	6.31	56.4	319	0.172	170	1.5	1.11	1.54	81000	22	1.41	<DL	9620	3.71	15.1
40256	A14-1185-020	GMI14-1320	38000	2.93	<DL	189	1.03	<DL	43200	2.35	11.6	51.4	295	0.146	162	1.58	1.17	1.47	74300	20.7	2.15	<DL	8260	6.52	26.7
40257	A14-1185-021	GMI14-1321	37500	3.51	<DL	152	1.2	<DL	47100	2.61	18.1	57.7	309	0.104	319	1.89	1.52	1.42	90800	19.4	3.21	<DL	6760	10.4	22.6
40258	A14-1185-022	GMI14-1322	30000	2.54	<DL	160	0.832	<DL	34900	1.43	4.68	50.3	296	<DL	146	1.17	0.83	1.14	74700	19.9	1.08	<DL	7520	2.66	18.9
40259	A14-1185-023	GMI14-1323	46000	3.49	<DL	207	0.502	1.29	49900	1.38	3.87	54.1	285	0.279	176	1.41	1.04	1.49	76000	21.5	1.05	<DL	8950	2.05	22
40260	A14-1185-024	GMI14-1324	35400	2.43	<DL	413	1.48	<DL	29800	4.71	36.2	40.8	243	0.1	116	1.83	1.72	3	60600	32.7	5.75	<DL	11100	19.2	16.6
40261	A14-1185-025	GMI14-1325	32600	3.4	<DL	253	1.7	<DL	35600	3.59	35.9	47.9	294	<DL	130	1.81	1.73	2.2	69900	25.6	5.48	<DL	7030	22.4	14.2
40262	A14-1185-026	GMI14-1326	36200	2.55	7.68	139	0.902	<DL	44500	1.42	6.92	52.5	290	0.147	171	1.54	1.01	1.14	76300	18.3	1.07	<DL	6580	4.47	14
40263	A14-1185-027	GMI14-1327	43600	2.97	2.58	340	1.05	<DL	49600	2.36	23.7	51.6	363	0.197	177	1.92	1.6	2.51	76400	27.2	2.96	<DL	9350	12.7	18.6
40264	A14-1185-028	GMI14-1328	30900	1.87	1.48	395	3.05	2.26	29600	9.28	34.7	29.3	201	0.163	111	2.27	2	2.87	50900	31.3	4.24	<DL	9160	16.2	21
40265	A14-1185-029	GMI14-1329	38300	3.24	1.38	1260	2.53	<DL	10200	7.59	40.2	35.7	249	<DL	102	1.81	1.66	7.74	52200	78.2	4.69	<DL	18200	19.6	53.4
40266	A14-1185-030	GMI14-1330	43900	2.4	1.23	701	3.19	<DL	16400	7.49	158	24.5	129	<DL	170	2.41	4.32	5.54	41100	49	15.5	<DL	32000	103	63.1
40267	A14-1185-031	GMI14-1331	33000	5.46	1.15	359	2.62	<DL	13700	5.7	22.3	69.6	194	0.28	134	3.74	2.81	2.81	114000	37.1	3.18	<DL	19000	11.7	144
40268	A14-1185-032	GMI14-1332	20900	5.78	1.05	82.3	2.54	<DL	15700	4.85	34.5	74.7	140	0.197	209	3.33	2.97	1.5	130000	23.7	4.11	0.103	5250	18.7	154
40269	A14-1185-033	GMI14-1333	24200	5.42	<DL	227	3.62	<DL	10200	5.19	16.8	58.7	101	0.179	223	2.41	1.77	2.07	108000	27.8	2.41	<DL	9910	7.79	154
40270	A14-1185-034	GMI14-1334	30100	4.36	<DL	491	2.86	<DL	6510	4.05	9.62	58.5	206	<DL	249	1.53	1.12	3.22	99200	38	1.62	<DL</			

0.163	31300	1050	<DL	15800	1.63	3.91	180	<DL	13	7.34	<DL	37.8	0.166	<DL	n/a	<DL	1.09	<DL	244	<DL	0.371	<DL	4650	0.344	0.431	256	<DL	9.27	1.22	70
0.135	18800	1090	<DL	17600	2.77	5.53	154	<DL	18.2	6.5	<DL	21.4	0.205	<DL	n/a	<DL	1.28	<DL	274	<DL	0.369	2.13	4290	0.254	1.24	245	<DL	6.52	0.942	101
0.13	22300	1120	<DL	16300	3.82	5.53	168	<DL	17.3	6.36	<DL	13.7	0.172	<DL	n/a	<DL	1.2	<DL	244	<DL	0.403	2.85	4610	0.167	1.31	262	<DL	7.29	1.02	98.9
0.11	12900	1060	8.19	17000	4.94	8.39	150	<DL	46.3	5.03	0.327	20.8	0.137	<DL	n/a	<DL	1.56	<DL	187	<DL	0.462	15.8	4110	0.231	5.46	222	<DL	5.97	0.862	137
0.162	14500	1190	<DL	9430	3.59	7.87	136	<DL	3.51	5.83	0.137	16.4	0.109	<DL	n/a	<DL	1.82	<DL	169	<DL	0.569	<DL	5240	0.172	0.347	211	<DL	7.95	1.17	67.2
0.164	30600	1120	8.24	18100	3.88	6.63	171	<DL	41.8	6.78	0.126	28.4	0.141	<DL	n/a	<DL	1.38	<DL	211	<DL	0.469	14.7	4450	0.247	4.1	243	<DL	9.5	1.22	105
0.142	30200	1080	<DL	12200	1.79	3.82	173	<DL	7.26	6.13	<DL	33	0.137	<DL	n/a	<DL	1.1	<DL	188	<DL	0.333	<DL	4440	0.294	0.6	243	<DL	8.24	1	66.8
0.131	24000	1080	<DL	14600	2.96	4.51	168	<DL	31	5.56	<DL	26.3	0.116	<DL	n/a	<DL	1.16	<DL	181	<DL	0.345	1.95	4560	0.269	1.52	240	<DL	7.86	1.05	140
0.124	17600	1070	<DL	17300	3.85	4.74	156	<DL	23.1	4.99	<DL	20.7	0.116	<DL	n/a	<DL	1.02	<DL	167	<DL	0.341	3.49	4350	0.206	2.07	236	<DL	6.38	0.848	115
0.154	24300	1150	<DL	18600	5.48	4.94	147	<DL	41.5	6.28	0.198	22.8	0.135	<DL	n/a	<DL	1.17	<DL	187	<DL	0.397	15.3	4540	0.242	6.03	244	<DL	8.79	1.2	127
0.128	17500	1070	<DL	17000	5.62	7.37	146	<DL	107	5.56	0.161	20.4	0.117	<DL	n/a	<DL	1.34	<DL	190	<DL	0.445	5.14	4280	0.22	3.15	232	<DL	7.04	1.05	123
0.424	5390	782	<DL	25700	25	29.2	99.2	<DL	41.2	8.01	2.5	34	0.092	<DL	n/a	<DL	4.3	<DL	136	<DL	1.37	60.2	3950	0.312	32.8	199	<DL	15.2	2.89	103
0.206	11700	884	<DL	19200	13.2	16.2	135	<DL	78	6.08	0.694	29.8	0.112	<DL	n/a	<DL	2.47	<DL	155	<DL	0.815	34.2	4160	0.259	12.2	212	<DL	9.27	1.52	119
0.149	6080	673	<DL	22200	17.3	15	109	<DL	103	5.07	0.712	35.8	0.116	<DL	n/a	<DL	2.32	<DL	150	<DL	0.717	20.6	3320	0.319	14	179	<DL	6.97	1.09	173
0.117	10800	873	<DL	19300	9.86	7.31	137	<DL	41.8	4.95	0.265	20.5	0.147	<DL	n/a	<DL	1.35	<DL	186	<DL	0.409	9.6	3830	0.201	7.66	206	<DL	5.39	0.796	112
0.121	16600	874	<DL	18500	5.2	7.94	143	<DL	57.3	6.2	0.103	24.7	0.187	<DL	n/a	<DL	1.4	<DL	234	<DL	0.434	4.95	3860	0.264	3.27	205	<DL	6.16	0.93	201
0.157	27600	1000	7.01	14100	4.05	4.5	172	818	10.3	7.55	0.13	21.8	0.19	0.376	n/a	<DL	1.24	<DL	229	<DL	0.379	1.72	4300	0.239	0.596	231	1.95	8.17	1.07	94
0.188	30700	937	18.6	19600	4.97	27.4	221	2090	21.9	12.7	0.297	22.2	0.433	0.311	n/a	<DL	4.95	<DL	482	<DL	1.35	4.68	3960	0.227	2.36	174	1.7	10.3	1.47	142
0.219	31800	795	<DL	20900	6.71	51.5	291	3790	18.7	16.9	0.458	17.3	0.62	0.339	n/a	<DL	9.06	<DL	691	<DL	2.41	13.7	3660	0.182	4.29	109	<DL	11.8	1.66	182
0.158	27800	729	<DL	19200	4.81	48.9	306	3440	10.6	15.4	0.377	18.1	0.599	0.273	n/a	<DL	8.5	<DL	680	<DL	2.25	5.75	3610	0.215	2.39	99.3	<DL	9.12	1.45	186
0.202	31000	794	<DL	19900	5.25	53.5	290	3760	11.1	18.2	0.407	12	0.7	0.182	n/a	<DL	9.19	<DL	727	<DL	2.54	5.94	3670	0.141	2.47	106	<DL	11	1.74	180
0.188	25900	1060	<DL	18800	3.44	25.2	229	2360	14.5	12.3	0.262	10.1	0.394	0.273	n/a	<DL	4.76	<DL	442	<DL	1.38	4.22	4150	0.132	2.01	190	<DL	9.73	1.35	165
0.149	13400	1000	<DL	22100	4.09	12.4	157	1280	28	9.35	0.161	12.8	0.315	0.243	n/a	<DL	2.39	<DL	344	<DL	0.765	2.8	4120	0.182	2	229	<DL	7.01	1.12	172
0.117	10100	812	<DL	22500	4.35	12.3	137	1330	15	9.08	0.251	17.4	0.33	0.179	n/a	<DL	2.08	<DL	378	<DL	0.68	2.23	3700	0.172	2.6	205	<DL	5.24	0.9	162
0.136	10900	981	<DL	23300	6.55	17.6	142	1870	18.5	10.5	0.209	22.6	0.393	0.211	n/a	<DL	2.94	<DL	411	<DL	0.991	3.06	3570	0.176	2.11	200	<DL	6.61	1.1	172
0.145	7560	695	<DL	29500	7.67	26.2	133	2400	11.5	7.98	0.315	28.1	0.207	0.218	n/a	<DL	4.32	<DL	244	<DL	1.27	5.58	2920	0.26	4.95	134	<DL	6.97	1.16	154
0.137	17200	922	18.6	19700	3.61	12.1	167	1900	9.87	9.18	0.184	15.6	0.28	0.258	n/a	<DL	2.43	<DL	327	<DL	0.709	2.53	3910	0.171	2.02	201	<DL	6.79	1.07	149
0.144	24100	977	11.7	17600	1.61	4.81	176	1700	18.4	8.14	<DL	12	0.209	0.284	n/a	<DL	1.18	<DL	238	<DL	0.422	<DL	4220	0.137	0.602	225	<DL	7.65	1.07	111
0.148	25200	997	8	15300	1.47	4.18	176	1570	9.29	7.93	<DL	18.1	0.188	0.25	n/a	<DL	1.23	<DL	227	<DL	0.385	<DL	4280	0.188	0.295	226	<DL	7.39	1.06	120
0.176	18800	1160	<DL	10300	3.26	7.33	138	1970	3.51	8.03	0.137	18.8	0.148	0.254	n/a	<DL	2.03	<DL	179	<DL	0.641	<DL	4990	0.187	0.335	209	<DL	8.99	1.38	117
0.139	27600	1040	8.74	16000	1.29	3.4	180	1690	7.5	8.1	<DL	20.5	0.204	0.412	n/a	<DL	1.04	<DL	225	<DL	0.334	<DL	4450	0.215	0.136	238	<DL	7.7	1.1	117
0.073	12100	909	<DL	9950	1.49	3.15	152	1320	77.8	5.68	<DL	11.1	0.198	0.265	n/a	<DL	0.817	<DL	214	<DL	0.269	<DL	4300	0.182	0.245	245	<DL	3.76	0.629	288
0.098	11800	932	<DL	17100	1.38	3.2	173	1420	22.8	7	<DL	12.8	0.236	0.346	n/a	<DL	0.989	<DL	271	<DL	0.34	<DL	4450	0.127	0.191	246	<DL	4.7	0.856	156
0.098	20400	1060	6.02	11500	1.54	2.94	164	1460	8.11	7.14	<DL	18.3	0.214	0.302	n/a	<DL	0.902	<DL	234	<DL	0.265	<DL	4280	0.253	0.219	242	<DL	5.23	0.835	185
0.126	21000	1080	8.83	17000	4.43	4	183	2680	23.8	7.25	<DL	15.1	0.187	0.346	n/a	<DL	1.17	<DL	214	<DL	0.354	<DL	4870	0.16	0.286	254	<DL	6.65	0.984	161
0.116	18500	1000	16	14100	1.98	6.46	161	2190	17.6	7.71	<DL	11.1	0.225	0.313	n/a	<DL	1.53	<DL	245	<DL	0.468	<DL	4340	0.165	0.449	230	<DL	6.41	1.12	146
0.13	22500	1050	6.03	15000	1.92	9.19	160	3080	30.3	8.79	0.114	8.17	0.24	0.347	n/a	<DL	2.08	3.45	258	<DL	0.634	<DL	4260	0.148	0.649	231	<DL	7.89	1.21	195
0.085	11400	1030	6.02	12900	1.8	2.84	172	2010	20	6.31	<DL	8.6	0.199	0.177	n/a	<DL	0.87	<DL	219	<DL	0.286	<DL	4390	0.144	0.276	238	<DL	4.33	0.745	200
0.132	23800	1070	<DL	15000	1.29	2.94	177	2320	16.5	6.95	<DL	15.3	0.148	0.288	n/a	<DL	1.07	<DL	172	<DL	0.308	<DL	4260	0.19	0.206	234	<DL	6.72	1.06	146
0.112	8360	874	<DL	18600	4.72	16.7	139	2230	26.9	8.1	0.222	17.1	0.254	0.265	n/a	<DL	3.13	<DL	266	<DL	0.964	3.22	3700	0.202	1.63	191	<DL	5.62	1.09	187
0.119	9860	972	6.84	16000	3.41	15.5	159	2550	12.1	8.92	0.147	8.5	0.311	0.359	n/a	<DL	2.86	<DL	306	<DL	0.906	1.89	4190	<DL	0.946	216	<DL	5.82	0.987	189
0.133	17800	994	<DL	13900	4.84	3.88	173	<DL	13.7	5.04	0.159	8.31	0.149	0.366	n/a	<DL	1.24	<DL	146	12	0.362	<DL	4450	0.129	0.184	246	3.29	6.2	0.884	88.3
0.149	24800	1010	7.95	14700	3.18	12.1	179	27.7	12.1	8.01	0.191	13.5	0.279	0.444	n/a	<DL	2.24	<DL	272	<DL	0.771	<DL	4560	0.135	0.459	232	2.55	8.27	1.13	108
0.178	8980	759	130	24000	8.15	16.4	76.3	<DL	179	9.51	0.286	14.7	0.384	0.844	n/a	<DL	3.04	<DL	359	<DL	1.07	2.64	3440	0.13	2.41	184	1.95	9.13	1.37	122
0.122	9020	741	8.62	10400	11.5	18.8	130	<DL	6.04	3.3	0.475	12.4	<DL	0.588	n/a	<DL	3.5	<DL	51.8	<DL	1.1	5.55	5320	0.184	4.25	194	1.68	5.41	1	

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40212	A14-1184-025	GMI14-1276	63700	1.93	<DL	190	0.794	<DL	64100	1.5	8.55	54.2	313	0.595	166	1.99	1.4	1.32	79600	22.1	2.08	<DL	11600	4.21	19.2
		GMI14-1276 DUP	65900	1.7	<DL	197	0.778	<DL	65600	1.43	9.15	56.1	323	0.664	169	2.12	1.4	1.35	82200	22.9	2.14	<DL	12000	4.83	19.3
40236	A14-1184-049	GMI14-1300	43600	1.7	<DL	394	2	<DL	42700	4.42	22.6	41.6	246	0.238	139	1.42	1.15	2.21	64400	32.3	2.48	<DL	14100	14.7	16.2
		GMI14-1300 DUP	43200	2.17	<DL	388	2.1	<DL	40400	4.34	21.5	42	250	0.204	141	1.4	1.11	2.25	64800	32	2.36	<DL	14100	14.1	15.1
40261	A14-1185-025	GMI14-1325	32600	3.4	<DL	253	1.7	<DL	35600	3.59	35.9	47.9	294	<DL	130	1.81	1.73	2.2	69900	25.6	5.48	<DL	7030	22.4	14.2
		GMI14-1325 DUP	37400	3.02	<DL	250	1.71	<DL	37700	3.41	35.9	46.9	289	0.104	127	1.92	1.77	2.22	68400	25.3	5.45	<DL	6890	22.1	17.3
40278	A14-1185-042	GMI14-1342	33600	4.38	<DL	1150	1.63	<DL	23800	4.39	18.8	57.8	228	0.09	261	2.7	1.88	7.26	96300	69.3	2.83	<DL	13600	8.37	48.1
		GMI14-1342 DUP	31500	3.49	<DL	1080	1.5	<DL	21800	4	17.6	53.7	211	<DL	245	2.61	1.81	6.83	89700	64.8	2.63	<DL	12600	7.9	44.3

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2410	3.92							20000			229000				16000						
		CRM PTM-1a #2		2270	1.51							18200			196000				14800						
		CRM PTM-1a #3		2190	1.67							17800			196000				16600						
		CRM PTM-1a #4		2400	1.79							17700			192000				17100						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	43700	6.19		351	0.39	2.35	23500	4.46	32.2	623	329	0.244	9930	1.38	1.08	2	252000	22.2	5.04		6870	14.8	
		CRM SU-1b #2	42200	5		352	0.552	2.27	22000	4.52	29	642	319	0.17	9070	1.31	1.17	2.07	256000	22.9	3.63		6430	15.3	
		CRM SU-1b #3	41600	7.18		371	0.601	2.15	22300	5.65	26.3	663	328	0.189	9400	1.31	1.31	2.55	261000	23.6	4.56		6700	14.7	
		CRM SU-1b #4	40000	7.71		359	0.576	2.4	21400	5.28	31.5	647	327	0.182	9050	1.34	1.38	2.52	256000	23.3	3.46		6300	16.7	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	53600	22		118		31	24200	12.2		156	188	0.429	2180				213000	43.8		1.69	5360	6.69	11.1
		CRM RTS-3a #2	50300	22.7		125		30.7	21200	13.9		159	193	0.229	2120				227000	46.4		1.83	5080	7.11	16.1
		CRM RTS-3a #3	46200	22.5		117		30.6	20000	14.9		147	177	0.237	2010				207000	42.8		1.76	4630	5.8	15
		CRM RTS-3a #4	46800	23.2		119		29.2	20700	13.4		149	182	0.264	2070				211000	44.2		1.74	4740	6.84	14.9
		<b>Certified Values:</b>																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	64200	24.3		657	1.31		19000	4.62	93.5	34.2	77.5	2.26	70.1	5.07		4.22	41900				21000	44.6	18.7
		CRM LKSD-3 #2	57800	23.8		638	1.64		16500	6	74.1	32.5	73.5	0.946	68.6	4.07		4.12	40800				19800	41.8	22.5
		CRM LKSD-3 #3	54200	21.8		612	1.58		15900	6.78	64.6	30.8	68.4	0.94	77.2	3.9		4.48	37800				18800	37	21.2
		CRM LKSD-3 #4	52300	23.2		610	1.62		15400	6.41	78.1	31	70.7	0.905	74.1	4.11		4.46	38200				18100	42.9	20.4





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #4		10.4	11.6		8.41	10.4		9.55	10.7			9.94		9.98	10.1	10.4		9.76	12.6	9.42		9.4	7.06
		Spike #7		9.51	10.2		9.57	9.72		9.55	9.77			9.8		9.53	9.87	9.48		9.72	9.61	9.74		9.74	9.74
		Spike #10		9.65	10.1		9.73	9.63		9.93	8.94			9.98		9.3	9.59	9.6		9.59	10.7	9.93		9.24	9.78
		Spike #13		10.1	9.73		9.63	9.62		9.87	9.67			9.5		9.63	9.64	9.71		9.63	9.63	9.51		9.7	9.78
		Actual Spike Values:					100					100	100		100										
		Spike #5					97.8					105	102		106										
		Spike #8					99.4					104	99.7		98.9										
		Spike #11					84.2					85.7	82		83.4										
		Spike #14					103					104	101		100										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #6	10100						10200										10100				10600		
		Spike #9	10300						10200										10100				10300		
		Spike #12	10600						10600										10400				10700		
		Spike #15	10300						10200										9930				10300		



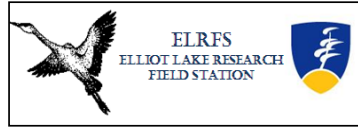
# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-018a

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

**Client Contact Information:**

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Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0  
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**Batch: 14-1184 (49) & 14-1185 (42)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 49 + 42  
Dates Analysed/ Analyst: Oct 22 - Dec 15, 2014 / Troy Maki  
Submission Date: 2015 02 20

**Dr. Graeme Spiers - ELRFS Director**

QC Note: This batch contains Sc results re-run on February 20, 2015.

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40188	A14-1184-001	GMI14-1252	51600	1.94	2.25	237	1.95	<DL	44500	3.87	32.2	44	266	0.29	142	1.8	1.3	1.48	67800	24.2	3.69	<DL	14000	18.7	14
40189	A14-1184-002	GMI14-1253	53600	1.18	<DL	275	1.36	<DL	50400	1.77	15.9	49.8	296	0.295	143	1.69	1.14	1.47	73800	25.2	2.31	<DL	12800	9.79	15.8
40190	A14-1184-003	GMI14-1254	58100	1.67	<DL	365	1.32	<DL	50100	2.72	29.7	46.9	286	0.566	114	2.02	1.41	2.02	72300	29.4	3.85	<DL	15800	15.6	21.9
40191	A14-1184-004	GMI14-1255	59300	0.957	<DL	274	0.67	<DL	57900	1.38	12.5	51.5	315	0.673	136	1.89	1.25	1.5	77600	24.5	2.13	<DL	14000	6.73	25.7
40192	A14-1184-005	GMI14-1256	59400	0.598	<DL	237	1.49	<DL	52400	4.28	23.8	47.5	288	0.605	119	1.89	1.43	1.36	74200	24.5	2.9	<DL	13000	15.2	19.9
40193	A14-1184-006	GMI14-1257	54400	1.63	<DL	206	2	<DL	49900	1.55	17.7	49.5	291	0.382	138	1.86	1.22	1.3	73900	23.1	2.55	<DL	12700	10	12.9
40194	A14-1184-007	GMI14-1258	58500	1.35	<DL	292	1.08	<DL	58200	1.41	15.5	52.3	306	0.617	145	1.91	1.37	1.65	80400	25.7	2.5	<DL	14300	9.45	18.2
40195	A14-1184-008	GMI14-1259	49400	1.33	<DL	266	1.84	<DL	44200	2.76	36.8	49.1	289	0.294	213	1.72	1.25	1.59	74700	25	4.06	<DL	12700	23.9	18.1
40196	A14-1184-009	GMI14-1260	50800	1.92	<DL	207	1.67	<DL	48900	2.26	20.6	51.7	300	0.337	161	1.79	1.26	1.35	78000	23.1	3.18	<DL	13800	11.4	16.3
40197	A14-1184-010	GMI14-1261	58100	1.44	<DL	578	1.97	<DL	43400	5.06	45.6	44.6	280	0.509	107	1.93	1.46	3.1	70400	41.9	5.77	<DL	17800	25.5	19.1
40198	A14-1184-011	GMI14-1262	58800	1.58	<DL	228	2.03	<DL	43000	4.21	43.4	42.6	266	0.514	97.5	1.82	1.45	1.61	67000	25.9	5.06	<DL	12100	25.4	23
40199	A14-1184-012	GMI14-1263	55400	1.78	<DL	191	1.17	<DL	54000	1.57	12.5	51	305	0.54	119	1.72	1.22	1.19	77700	21.7	2.2	<DL	11700	6.49	17.3
40200	A14-1184-013	GMI14-1264	50700	5.03	<DL	39.5	0.318	<DL	52400	1.4	9.31	62.8	21.5	0.085	196	4.18	2.51	1.36	151000	19.4	3.46	<DL	2360	2.96	6.29
40201	A14-1184-014	GMI14-1265	63700	2.3	<DL	204	0.632	<DL	64400	0.85	16.7	55.8	325	0.94	147	2.08	1.41	1.38	83000	22	2.79	<DL	12500	10.1	24.6
40202	A14-1184-015	GMI14-1266	63700	1.33	<DL	223	0.227	<DL	65700	0.842	5.83	58.4	346	0.656	126	2.05	1.32	1.42	85500	23.1	1.86	<DL	11300	2.33	17.7
40203	A14-1184-016	GMI14-1267	61500	1.59	<DL	194	0.899	<DL	60500	1.53	9.78	55.1	306	0.701	149	1.92	1.37	1.28	79000	21.8	2.11	<DL	13000	4.77	23
40204	A14-1184-017	GMI14-1268	61000	1.66	<DL	260	0.413	<DL	63200	0.801	4.82	55.2	325	0.977	121	1.91	1.31	1.54	80300	24.4	1.66	<DL	13700	2.01	27.9
40205	A14-1184-018	GMI14-1269	52000	0.98	<DL	253	1.74	<DL	48800	1.81	19.8	54.8	308	0.332	125	1.89	1.22	1.63	77100	25.1	3.08	<DL	12800	10.9	22.1
40206	A14-1184-019	GMI14-1270	46800	1.43	<DL	414	2.08	<DL	38800	3.78	55.7	39.5	337	0.164	97.7	2.12	1.65	2.78	58700	33	7.9	<DL	13700	25.2	11.9
40207	A14-1184-020	GMI14-1271	50000	1.81	<DL	300	1.31	<DL	45200	2.29	19.2	48.7	286	0.296	138	1.7	1.13	1.77	73200	26.9	2.84	<DL	13300	11.4	16.3
40208	A14-1184-021	GMI14-1272	60200	1.55	<DL	308	1.07	<DL	54700	2.72	22.9	50.7	293	0.346	135	1.95	1.45	1.87	73600	28.5	3.4	<DL	14100	12.6	10.4
40209	A14-1184-022	GMI14-1273	52200	1.27	<DL	436	2.24	<DL	38200	4.21	38.6	42.3	254	0.218	126	1.87	1.41	2.54	63300	36.1	4.97	<DL	15600	20.4	12.2
40210	A14-1184-023	GMI14-1274	53700	1.48	<DL	415	3.42	<DL	37200	5.84	59.4	39.6	249	0.257	115	1.94	1.63	2.47	60200	35	6.68	<DL	14800	35.7	13.8
40211	A14-1184-024	GMI14-1275	54600	1.56	<DL	392	1.68	<DL	44100	4.45	36.7	46.9	276	0.392	128	1.97	1.49	2.34	71700	33.3	4.86	<DL	14200	20.5	19.3
40212	A14-1184-025	GMI14-1276	63700	1.93	<DL	190	0.794	<DL	64100	1.5	8.55	54.2	313	0.595	166	1.99	1.4	1.32	79600	22.1	2.08	<DL	11600	4.21	19.2
40213	A14-1184-026	GMI14-1277	59100	1.91	6.95	268	3.07	<DL	45900	6.37	23.3	44.7	264	0.48	140	1.91	1.59	1.61	74600	26.9	2.86	<DL	10800	18.9	30.7
40214	A14-1184-027	GMI14-1278	64600	2.19	2.18	365	2.01	<DL	50400	4.11	36.5	49.4	273	0.412	138	2.18	1.79	2.01	79100	31.7	3.55	<DL	14300	26.1	26.8
40215	A14-1184-028	GMI14-1279	57100	1.56	1.41	229	2.38	<DL	52600	1.53	11.6	52.7	305	0.349	153	1.74	1.26	1.36	81700	24.3	1.53	<DL	10100	8.16	26.6
40216	A14-1184-029	GMI14-1280	50300	2.94	1.19	310	2.38	<DL	47600	4.75	21.8	45.8	260	0.296	130	1.73	1.29	1.71	68500	27.3	2.34	<DL	10700	15.3	18.6
40217	A14-1184-030	GMI14-1281	42000	1.97	<DL	243	3	<DL	36200	3.56	20.5	39.2	242	0.147	120	1.22	1.04	1.52	61700	26.5	2.34	<DL	9290	12.7	22.3
40218	A14-1184-031	GMI14-1282	40000	1.43	<DL	342	2.33	<DL	32500	5.28	25.1	37.5	232	0.149	117	1.16	0.992	1.91	59600	30.1	2.58	<DL	12300	16.1	15.7
40219	A14-1184-032	GMI14-1283	45000	2.7	<DL	303	0.924	<DL	46700	1.61	9.27	50.5	288	0.305	146	1.6	1.14	1.67	76300	26.1	1.51	<DL	11700	5.05	14.4
40220	A14-1184-033	GMI14-1284	44800	2.01	<DL	300	1.82	<DL	42700	3	18.2	45.3	257	0.249	137	1.45	1.16	1.72	68700	26.7	2.1	<DL	12800	11.6	15.8

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.146	18600	921	12.2	22200	8.75	10.3	139	798	20.4	7.07	0.215	30.7	0.153	<DL	34.3	<DL	1.95	<DL	296	4.12	0.433	12.8	4330	0.271	5.24	236	1.77	7.93	1.19	68.2	
0.14	24500	999	21.1	22200	4.23	5.55	159	654	19.7	7.95	<DL	31.4	0.201	<DL	36.8	<DL	1.34	<DL	378	<DL	0.314	6.07	4430	0.285	2.83	253	<DL	8.04	1.09	77.6	
0.172	24300	916	<DL	21600	4.58	11.2	152	1090	17.5	8.93	0.123	38.2	0.233	<DL	33.8	<DL	2.12	<DL	413	<DL	0.505	4.41	4560	0.344	2.25	259	<DL	9.2	1.29	82.2	
0.149	31500	1050	15.8	20200	2.39	5.36	166	1050	14	8.03	<DL	41.9	0.176	<DL	39.3	<DL	1.37	<DL	327	<DL	0.347	1.95	4670	0.343	0.976	281	<DL	9.27	1.24	73.3	
0.17	29800	1030	<DL	24600	3.99	6.61	156	1290	19.4	8.02	0.177	41.9	0.168	<DL	35.9	<DL	1.45	<DL	301	<DL	0.38	15.3	4420	0.28	3.26	265	<DL	9.94	1.4	81.8	
0.145	25300	1030	<DL	24100	5.35	6.2	158	1310	22	7.52	<DL	35.7	0.163	<DL	38.2	<DL	1.45	<DL	308	<DL	0.355	5.03	4450	0.277	3.3	256	<DL	8.18	1.22	85	
0.156	32400	1110	<DL	19700	2.98	5.78	168	1560	16.4	8.51	<DL	46	0.181	<DL	39	<DL	1.42	<DL	311	<DL	0.349	2.69	4680	0.338	1.22	284	<DL	9.11	1.28	92.8	
0.142	22600	1100	<DL	20700	5.71	9.05	153	1730	37.5	7.4	0.178	29.7	0.154	<DL	37	<DL	1.62	<DL	269	<DL	0.422	11.2	4470	0.262	3.81	262	<DL	7.74	1.06	109	
0.146	23000	1100	<DL	18800	5.62	7.32	164	1920	25.1	7.09	0.151	32.9	0.138	<DL	37.7	<DL	1.64	<DL	240	<DL	0.376	5.54	4590	0.277	2.69	271	<DL	7.88	1.2	120	
0.128	19100	954	<DL	19400	8.41	14.8	145	1920	34.1	9.97	0.249	46.3	0.295	<DL	34.2	<DL	2.44	<DL	447	<DL	0.585	8.8	4390	0.373	3.95	245	<DL	7.58	1.12	104	
0.143	23400	924	<DL	25500	7.97	12.6	138	1670	15.5	6.88	0.221	38.2	0.11	<DL	32.7	<DL	2.09	<DL	214	<DL	0.518	11	4120	0.282	5.85	238	<DL	8.53	1.2	90.8	
0.156	29600	1110	17.7	17900	3.8	5.14	167	1700	10.5	6.3	<DL	38.4	0.095	<DL	38.7	<DL	1.37	<DL	184	<DL	0.324	4.86	4650	0.285	2.57	273	<DL	8.49	1.23	96.1	
0.33	23300	1930	<DL	19000	3.05	7.9	21.3	2980	2.45	9.8	<DL	6.28	<DL	<DL	58.9	<DL	2.73	<DL	128	<DL	0.683	<DL	19200	<DL	<DL	596	<DL	18	2.41	144	
0.18	38300	1100	<DL	17500	2.68	6.16	188	1970	26	8.42	<DL	47.8	0.139	<DL	41.3	<DL	1.7	<DL	238	<DL	0.398	<DL	4850	0.338	0.423	301	<DL	10.4	1.38	92.7	
0.159	38200	1150	11.8	15600	1.57	4.16	197	1860	5.66	7.11	<DL	36.9	0.114	<DL	44.9	<DL	1.31	<DL	189	<DL	0.344	<DL	5080	0.24	0.151	303	<DL	9.82	1.31	79.1	
0.168	36800	1020	30.2	18600	2.61	4.87	180	1860	10.4	7.72	<DL	42.7	0.141	<DL	39.8	<DL	1.33	<DL	227	<DL	0.341	2.14	4690	0.288	1.37	282	<DL	9.41	1.29	84.6	
0.167	38200	1070	8.02	15400	1.29	3.58	189	1790	5.17	7.64	<DL	52.9	0.134	<DL	42.8	<DL	1.28	<DL	222	<DL	0.298	<DL	4810	0.385	<DL	288	<DL	9.36	1.3	83.3	
0.128	28300	1090	24.8	20300	4.35	7.69	169	2030	9.08	7.1	0.113	28.2	0.139	<DL	37.6	<DL	1.58	<DL	219	<DL	0.4	2.71	4600	0.24	2.06	263	<DL	8.05	1.14	106	
0.133	19400	862	10.8	23900	4.88	23	130	2750	21.5	10.3	0.16	28	0.281	<DL	29.1	<DL	4.13	<DL	413	<DL	0.863	7.62	4030	0.235	2.5	191	<DL	7.82	1.13	101	
0.126	22500	1000	13.5	20800	3.48	6.45	157	1880	28.4	7.34	0.113	35.2	0.173	<DL	36.2	<DL	1.38	<DL	257	<DL	0.352	5.4	4420	0.274	2.18	257	<DL	7.32	1.11	98.7	
0.174	25700	968	8.38	22800	3.82	7.89	168	2040	27.4	8.67	0.134	39.8	0.168	<DL	37.4	<DL	1.85	<DL	270	<DL	0.414	8.94	4460	0.3	2.52	261	<DL	9.3	1.38	89	
0.141	15700	852	<DL	25300	6.56	12.2	135	2030	26.3	8.61	0.261	39	0.198	<DL	31.2	<DL	2.32	<DL	288	<DL	0.513	13.4	3910	0.341	3.55	222	<DL	7.8	1.19	110	
0.174	16600	898	6.97	28800	9.77	15.3	127	1980	31.8	8.92	0.397	36.5	0.198	<DL	29.5	<DL	2.62	<DL	301	<DL	0.638	18.5	3720	0.301	5.67	210	<DL	9.01	1.36	119	
0.18	22600	951	<DL	22700	5.33	11.6	150	2120	42.1	8.61	0.287	36.2	0.182	<DL	36.4	<DL	2.2	<DL	276	<DL	0.546	11.9	4370	0.295	3.3	250	<DL	8.8	1.35	117	
0.188	37200	1040	14.6	18500	2	4.58	177	2180	24.6	8.37	<DL	44.9	0.135	<DL	40.7	<DL	1.42	<DL	222	<DL	0.352	2.7	4740	0.292	1.54	288	<DL	10.1	1.43	89.7	
0.197	30300	1080	<DL	27100	10.9	8.91	139	<DL	56.6	7.2	0.349	37	0.175	<DL	37.1	<DL	1.67	<DL	242	15.3	0.537	24.1	4270	0.292	5.36	261	3.76	10.7	1.42	80.6	
0.206	30700	1150	<DL	27200	6.41	11.9	152	<DL	14.8	8.08	0.215	39.1	0.181	<DL	36.9	<DL	2.22	<DL	279	<DL	0.646	10.8	4650	0.356	3.08	270	3.1	11.4	1.48	91.9	
0.14	30900	1130	<DL	22600	4.75	4.64	170	<DL	18.7	6.67	<DL	26.8	0.183	<DL	41.2	<DL	1.2	<DL	249	<DL	0.387	3.13	4740	0.269	2.15	273	2.3	8.69	1.13	85.3	
0.146	21000	961	<DL	21000	6.15	7.17	142	<DL	49.7	6.64	0.285	26.6	0.164	<DL	36	<DL	1.45	<DL	252	<DL	0.476	12.2	4080	0.272	6.4	224	1.94	8.37	1.15	98.6	
0.091	10800	954	<DL	21700	5.69	7.73	128	<DL	40.1	5.47	0.216	17.2	0.194	<DL	29.9	<DL	1.49	<DL	268	<DL	0.432	9.84	3760	0.185	5.21	213	1.65	5.15	0.806	109	
0.088	7200	807	<DL	22800	5.5	8.67	120	<DL	24.2	5.7	0.255	23.9	0.21	<DL	30.6	<DL	1.51	<DL	286	<DL	0.433	6.28	3660	0.246	3.53	201	<DL	4.5	0.738	93.5	
0.136	20100	1020	10.4	16400	2.58	4.97	160	<DL	16.1	5.59	<DL	25.4	0.147	<DL	38.5	<DL	1.23	<DL	214	<DL	0.368	1.52	4620	0.23	0.969	239	<DL	7.11	0.956	75.6	
0.119	18500	998	<DL	17900	4.17	6.72	142	<DL	27.4	5.71	0.112	27	0.157	<DL	36.8	<DL	1.41	<DL	224	<DL	0.424	7.04	4100	0.242	2.8	220	<DL	6.8	0.935	97.8	

40221	A14-1184-034	GMI14-1285	54600	2.23	<DL	276	0.523	<DL	59800	0.997	5.9	53.9	293	0.361	153	1.73	1.26	1.62	79800	24	1.25	<DL	13400	3.17	21.6
40222	A14-1184-035	GMI14-1286	43900	1.54	<DL	271	1.57	<DL	46000	1.5	15.9	45.5	282	0.155	158	1.49	1.03	1.61	72800	24.5	1.81	<DL	11400	11.9	24.9
40223	A14-1184-036	GMI14-1287	42700	2.11	<DL	169	1.78	<DL	47700	1.64	14.8	51	306	0.204	134	1.65	1.2	1.19	78100	20.1	1.9	<DL	8100	9.97	25
40224	A14-1184-037	GMI14-1288	35100	2.06	<DL	200	2.35	<DL	33700	6.31	29.8	46.7	264	0.182	139	1.33	1.16	1.28	70400	23.2	2.8	<DL	10400	21.2	17.5
40225	A14-1184-038	GMI14-1289	35400	2.19	<DL	185	0.433	<DL	49900	2.36	13.9	55.8	153	0.189	199	2.21	1.5	1.47	87000	20.1	2.27	<DL	8730	6.61	10.9
40226	A14-1184-039	GMI14-1290	51800	2.2	<DL	227	1.36	<DL	51800	2.92	20.2	51.1	283	0.4	149	1.86	1.43	1.5	76300	23.1	2.27	<DL	11300	14.1	26.9
40227	A14-1184-040	GMI14-1291	52000	2.12	<DL	250	0.89	<DL	55900	0.796	6.86	50.9	287	0.465	116	1.57	1.22	1.5	74900	23.8	1.24	<DL	12300	4.16	28.2
40228	A14-1184-041	GMI14-1292	46100	2.22	<DL	295	1.19	<DL	47100	1.6	9.65	53	279	0.291	152	1.63	1.19	1.69	77000	26.1	1.46	<DL	13600	6.4	23.1
40229	A14-1184-042	GMI14-1293	39900	1.61	<DL	236	1.68	<DL	39800	2.04	11.8	47.6	268	0.209	133	1.42	1.09	1.42	72300	23.3	1.47	<DL	10900	7.65	20.9
40230	A14-1184-043	GMI14-1294	46100	2.6	<DL	191	2.6	<DL	48400	3.78	14	49.2	278	0.328	134	1.63	1.33	1.27	75200	22	1.65	<DL	10400	9.59	18.1
40231	A14-1184-044	GMI14-1295	39000	1.99	<DL	240	3.43	<DL	38600	2.9	25	53.3	265	0.176	100	1.61	1.22	1.55	73100	25.1	2.4	<DL	12500	19.1	18.1
40232	A14-1184-045	GMI14-1296	43400	2.23	1.28	219	4.83	<DL	24800	66.7	115	30.1	203	0.084	131	3.05	3.3	1.83	59800	29.7	10	<DL	19900	69.8	8.65
40233	A14-1184-046	GMI14-1297	42500	2.02	<DL	259	3.3	<DL	36100	17.6	61.6	41.7	246	0.2	131	2.03	1.93	1.8	64400	28.7	5.65	<DL	16600	39.1	13.2
40234	A14-1184-047	GMI14-1298	43400	1.92	<DL	265	4.7	<DL	27600	14	55.8	39.3	207	0.12	218	1.57	1.56	1.75	55800	31.1	5.02	<DL	19800	36	10.2
40235	A14-1184-048	GMI14-1299	38100	2.18	<DL	252	3.66	<DL	37000	4.22	23.2	45.9	244	0.131	230	1.29	1.05	1.56	66400	26.4	2.35	<DL	11400	14.5	12.6
40236	A14-1184-049	GMI14-1300	43600	1.7	<DL	394	2	<DL	42700	4.42	22.6	41.6	246	0.238	139	1.42	1.15	2.21	64400	32.3	2.48	<DL	14100	14.7	16.2
40237	A14-1185-001	GMI14-1301	49600	2.23	2.03	258	0.616	<DL	55000	1.84	8.3	49.8	318	0.406	144	1.63	1.25	1.64	73200	23	1.56	<DL	9930	4.97	19.9
40238	A14-1185-002	GMI14-1302	46700	2.66	<DL	630	1.81	<DL	45700	5	56.3	46.4	370	0.298	129	2.52	2.37	4.23	61400	39.6	7.78	<DL	12900	31.1	26.5
40239	A14-1185-003	GMI14-1303	40100	2.21	<DL	928	2.43	<DL	35800	9.39	111	40.2	473	0.234	94.3	3.41	3.67	6.4	48600	54.6	14.8	<DL	12400	58.3	31.5
40240	A14-1185-004	GMI14-1304	35000	1.79	<DL	1140	1.81	<DL	32600	6.74	100	39.5	542	0.162	85.2	3.01	3.35	7.55	47300	64.6	14.2	<DL	14000	50.3	27.1
40241	A14-1185-005	GMI14-1305	35800	2.4	<DL	1060	2.52	<DL	36200	7.39	114	40.3	465	0.252	93.2	3.45	3.79	7.52	47400	60.5	15.8	<DL	10900	60.5	32.1
40242	A14-1185-006	GMI14-1306	43700	3.06	<DL	474	1.9	<DL	52800	4.41	57.2	51.4	379	0.206	174	2.53	2.46	3.56	69200	34.2	7.82	<DL	8150	33.4	20.4
40243	A14-1185-007	GMI14-1307	44900	2.97	<DL	386	2.1	0.725	50400	4.02	31.5	46.6	277	0.129	347	1.93	1.57	2.58	67900	31.9	4.3	<DL	7850	20.7	12
40244	A14-1185-008	GMI14-1308	43200	2.16	<DL	529	2.43	<DL	43000	3.86	34.1	42.2	255	<DL	129	1.49	1.37	3.23	60900	39.4	4.41	<DL	11600	23.8	8.66
40245	A14-1185-009	GMI14-1309	41500	2.13	<DL	644	3.63	<DL	45300	3.95	52	38.7	264	<DL	104	1.93	1.85	4.14	53800	43.5	6.27	<DL	15100	35.5	10.6
40246	A14-1185-010	GMI14-1310	41300	1.85	<DL	666	3.74	<DL	22100	6.38	69.5	28.4	264	<DL	89.1	2	2.22	4.52	42200	46.5	8.89	<DL	21200	46	6.35
40247	A14-1185-011	GMI14-1311	39300	2.35	<DL	349	1.79	<DL	40800	3.45	32.4	46.1	286	0.088	124	1.67	1.47	2.57	65000	29	4.15	<DL	11000	23.1	15.1
40248	A14-1185-012	GMI14-1312	47200	2.36	<DL	183	0.505	<DL	57100	1.42	9.9	51.8	306	0.102	158	1.59	1.26	1.37	72400	20.1	1.68	<DL	6710	6.91	9.71
40249	A14-1185-013	GMI14-1313	46800	2.62	<DL	257	0.438	<DL	52300	1.68	7.98	51.4	290	0.21	128	1.6	1.15	1.81	73000	23.3	1.52	<DL	9180	5.26	17.3
40250	A14-1185-014	GMI14-1314	40200	3.88	<DL	186	0.375	<DL	53300	3.12	12.9	55.9	150	0.224	218	2.32	1.69	1.66	84600	20.3	2.63	<DL	8660	6.3	12.9
40251	A14-1185-015	GMI14-1315	48800	3.02	<DL	250	0.39	<DL	53600	1.32	4.8	53.9	302	0.231	148	1.6	1.15	1.7	76400	23	1.24	<DL	9770	2.9	21.5
40252	A14-1185-016	GMI14-1316	32500	2.58	<DL	258	1.3	<DL	29300	2.12	5.75	48.7	286	0.13	263	1.06	0.737	1.69	74000	25.4	1.19	<DL	10700	3.91	29.5
40253	A14-1185-017	GMI14-1317	37500	3.35	<DL	146	0.779	<DL	49100	1.21	4.34	52.5	309	<DL	185	1.28	0.925	1.18	74100	19.4	1.03	<DL	7470	2.14	9.43
40254	A14-1185-018	GMI14-1318	35800	2.94	<DL	225	1.08	<DL	36400	1.45	4.58	51.8	291	0.242	144	1.29	0.922	1.48	73700	22.8	1.06	<DL	12300	2.36	33.6
40255	A14-1185-019	GMI14-1319	45800	2.75	<DL	206	0.491	2.01	51900	1.62	6.31	56.4	319	0.172	170	1.5	1.11	1.54	81000	22	1.41	<DL	9620	3.71	15.1
40256	A14-1185-020	GMI14-1320	38000	2.93	<DL	189	1.03	<DL	43200	2.35	11.6	51.4	295	0.146	162	1.58	1.17	1.47	74300	20.7	2.15	<DL	8260	6.52	26.7
40257	A14-1185-021	GMI14-1321	37500	3.51	<DL	152	1.2	<DL	47100	2.61	18.1	57.7	309	0.104	319	1.89	1.52	1.42	90800	19.4	3.21	<DL	6760	10.4	22.6
40258	A14-1185-022	GMI14-1322	30000	2.54	<DL	160	0.832	<DL	34900	1.43	4.68	50.3	296	<DL	146	1.17	0.83	1.14	74700	19.9	1.08	<DL	7520	2.66	18.9
40259	A14-1185-023	GMI14-1323	46000	3.49	<DL	207	0.502	1.29	49900	1.38	3.87	54.1	285	0.279	176	1.41	1.04	1.49	76000	21.5	1.05	<DL	8950	2.05	22
40260	A14-1185-024	GMI14-1324	35400	2.43	<DL	413	1.48	<DL	29800	4.71	36.2	40.8	243	0.1	116	1.83	1.72	3	60600	32.7	5.75	<DL	11100	19.2	16.6
40261	A14-1185-025	GMI14-1325	32600	3.4	<DL	253	1.7	<DL	35600	3.59	35.9	47.9	294	<DL	130	1.81	1.73	2.2	69900	25.6	5.48	<DL	7030	22.4	14.2
40262	A14-1185-026	GMI14-1326	36200	2.55	7.68	139	0.902	<DL	44500	1.42	6.92	52.5	290	0.147	171	1.54	1.01	1.14	76300	18.3	1.07	<DL	6580	4.47	14
40263	A14-1185-027	GMI14-1327	43600	2.97	2.58	340	1.05	<DL	49600	2.36	23.7	51.6	363	0.197	177	1.92	1.6	2.51	76400	27.2	2.96	<DL	9350	12.7	18.6
40264	A14-1185-028	GMI14-1328	30900	1.87	1.48	395	3.05	2.26	29600	9.28	34.7	29.3	201	0.163	111	2.27	2	2.87	50900	31.3	4.24	<DL	9160	16.2	21
40265	A14-1185-029	GMI14-1329	38300	3.24	1.38	1260	2.53	<DL	10200	7.59	40.2	35.7	249	<DL	102	1.81	1.66	7.74	52200	78.2	4.69	<DL	18200	19.6	53.4
40266	A14-1185-030	GMI14-1330	43900	2.4	1.23	701	3.19	<DL	16400	7.49	158	24.5	129	<DL	170	2.41	4.32	5.54	41100	49	15.5	<DL	32000	103	63.1
40267	A14-1185-031	GMI14-1331	33000	5.46	1.15	359	2.62	<DL	13700	5.7	22.3	69.6	194	0.28	134	3.74	2.81	2.81	114000	37.1	3.18	<DL	19000	11.7	144
40268	A14-1185-032	GMI14-1332	20900	5.78	1.05	82.3	2.54	<DL	15700	4.85	34.5	74.7	140	0.197	209	3.33	2.97	1.5	130000	23.7	4.11	0.103	5250	18.7	154
40269	A14-1185-033	GMI14-1333	24200	5.42	<DL	227	3.62	<DL	10200	5.19	16.8	58.7	101	0.179	223	2.41	1.77	2.07	108000	27.8	2.41	<DL	9910	7.79	154
40270	A14-1185-034	GMI14-1334	30100	4.36	<DL	491	2.86	<DL	6510	4.05	9.62	58.5	206	<DL	249	1.53	1.12	3.22	99200	38	1.62	&lt			

0.163	31300	1050	<DL	15800	1.63	3.91	180	<DL	13	7.34	<DL	37.8	0.166	<DL	42.3	<DL	1.09	<DL	244	<DL	0.371	<DL	4650	0.344	0.431	256	<DL	9.27	1.22	70	
0.135	18800	1090	<DL	17600	2.77	5.53	154	<DL	18.2	6.5	<DL	21.4	0.205	<DL	38.9	<DL	1.28	<DL	274	<DL	0.369	<DL	4290	0.254	1.24	245	<DL	6.52	0.942	101	
0.13	22300	1120	<DL	16300	3.82	5.53	168	<DL	17.3	6.36	<DL	13.7	0.172	<DL	39.6	<DL	1.2	<DL	244	<DL	0.403	<DL	4610	0.167	1.31	262	<DL	7.29	1.02	98.9	
0.11	12900	1060	8.19	17000	4.94	8.39	150	<DL	46.3	5.03	0.327	20.8	0.137	<DL	35.7	<DL	1.56	<DL	187	<DL	0.462	<DL	4110	0.231	5.46	222	<DL	5.97	0.862	137	
0.162	14500	1190	<DL	9430	3.59	7.87	136	<DL	3.51	5.83	0.137	16.4	0.109	<DL	44.1	<DL	1.82	<DL	169	<DL	0.569	<DL	5240	0.172	0.347	211	<DL	7.95	1.17	67.2	
0.164	30600	1120	8.24	18100	3.88	6.63	171	<DL	41.8	6.78	0.126	28.4	0.141	<DL	39.5	<DL	1.38	<DL	211	<DL	0.469	<DL	4450	0.247	4.1	243	<DL	9.5	1.22	105	
0.142	30200	1080	<DL	12200	1.79	3.82	173	<DL	7.26	6.13	<DL	33	0.137	<DL	41.3	<DL	1.1	<DL	188	<DL	0.333	<DL	4440	0.294	0.6	243	<DL	8.24	1	66.8	
0.131	24000	1080	<DL	14600	2.96	4.51	168	<DL	31	5.56	<DL	26.3	0.116	<DL	40.6	<DL	1.16	<DL	181	<DL	0.345	<DL	4560	0.269	1.52	240	<DL	7.86	1.05	140	
0.124	17600	1070	<DL	17300	3.85	4.74	156	<DL	23.1	4.99	<DL	20.7	0.116	<DL	36.9	<DL	1.02	<DL	167	<DL	0.341	<DL	4350	0.206	2.07	236	<DL	6.38	0.848	115	
0.154	24300	1150	<DL	18600	5.48	4.94	147	<DL	41.5	6.28	0.198	22.8	0.135	<DL	39.5	<DL	1.17	<DL	187	<DL	0.397	<DL	4540	0.242	6.03	244	<DL	8.79	1.2	127	
0.128	17500	1070	<DL	17000	5.62	7.37	146	<DL	107	5.56	0.161	20.4	0.117	<DL	39.6	<DL	1.34	<DL	190	<DL	0.445	<DL	4280	0.22	3.15	232	<DL	7.04	1.05	123	
0.424	5390	782	<DL	25700	25	29.2	99.2	<DL	41.2	8.01	2.5	34	0.092	<DL	47.2	<DL	4.3	<DL	136	<DL	1.37	<DL	3950	0.312	32.8	199	<DL	15.2	2.89	103	
0.206	11700	884	<DL	19200	13.2	16.2	135	<DL	78	6.08	0.694	29.8	0.112	<DL	33.3	<DL	2.47	<DL	155	<DL	0.815	<DL	4160	0.259	12.2	212	<DL	9.27	1.52	119	
0.149	6080	673	<DL	22200	17.3	15	109	<DL	103	5.07	0.712	35.8	0.116	<DL	26.7	<DL	2.32	<DL	150	<DL	0.717	<DL	3320	0.319	14	179	<DL	6.97	1.09	173	
0.117	10800	873	<DL	19300	9.86	7.31	137	<DL	41.8	4.95	0.265	20.5	0.147	<DL	32.6	<DL	1.35	<DL	186	<DL	0.409	<DL	3830	0.201	7.66	206	<DL	5.39	0.796	112	
0.121	16600	874	<DL	18500	5.2	7.94	143	<DL	57.3	6.2	0.103	24.7	0.187	<DL	34.1	<DL	1.4	<DL	234	<DL	0.434	<DL	3860	0.264	3.27	205	<DL	6.16	0.93	201	
0.157	27600	1000	7.01	14100	4.05	4.5	172	818	10.3	7.55	0.13	21.8	0.19	0.376	37.2	<DL	1.24	<DL	229	<DL	0.379	<DL	4300	0.239	0.596	231	1.95	8.17	1.07	94	
0.188	30700	937	18.6	19600	4.97	27.4	221	2090	21.9	12.7	0.297	22.2	0.433	0.311	29.3	<DL	4.95	<DL	482	<DL	1.35	<DL	3960	0.227	2.36	174	1.7	10.3	1.47	142	
0.219	31800	795	<DL	20900	6.71	51.5	291	3790	18.7	16.9	0.458	17.3	0.62	0.339	18.6	<DL	9.06	<DL	691	<DL	2.41	<DL	3660	0.182	4.29	109	<DL	11.8	1.66	182	
0.158	27800	729	<DL	19200	4.81	48.9	306	3440	10.6	15.4	0.377	18.1	0.599	0.273	18.3	<DL	8.5	<DL	680	<DL	2.25	<DL	3610	0.215	2.39	99.3	<DL	9.12	1.45	186	
0.202	31000	794	<DL	19900	5.25	53.5	290	3760	11.1	18.2	0.407	12	0.7	0.182	19.1	<DL	9.19	<DL	727	<DL	2.54	<DL	3670	0.141	2.47	106	<DL	11	1.74	180	
0.188	25900	1060	<DL	18800	3.44	25.2	229	2360	14.5	12.3	0.262	10.1	0.394	0.273	28.8	<DL	4.76	<DL	442	<DL	1.38	<DL	422	0.132	2.01	190	<DL	9.73	1.35	165	
0.149	13400	1000	<DL	22100	4.09	12.4	157	1280	28	9.35	0.161	12.8	0.315	0.243	33.9	<DL	2.39	<DL	344	<DL	0.765	<DL	4120	0.182	2	229	<DL	7.01	1.12	172	
0.117	10100	812	<DL	22500	4.35	12.3	137	1330	15	9.08	0.251	17.4	0.33	0.179	30.9	<DL	2.08	<DL	378	<DL	0.68	<DL	3700	0.172	2.6	205	<DL	5.24	0.9	162	
0.136	10900	981	<DL	23300	6.55	17.6	142	1870	18.5	10.5	0.209	22.6	0.393	0.211	30.1	<DL	2.94	<DL	411	<DL	0.991	<DL	3570	0.176	2.11	200	<DL	6.61	1.1	172	
0.145	7560	695	<DL	29500	7.67	26.2	133	2400	11.5	7.98	0.315	28.1	0.207	0.218	26.5	<DL	4.32	<DL	244	<DL	1.27	<DL	558	0.26	4.95	134	<DL	6.97	1.16	154	
0.137	17200	922	18.6	19700	3.61	12.1	167	1900	9.87	9.18	0.184	15.6	0.28	0.258	32.3	<DL	2.43	<DL	327	<DL	0.709	<DL	3910	0.171	2.02	201	<DL	6.79	1.07	149	
0.144	24100	977	11.7	17600	1.61	4.81	176	1700	18.4	8.14	<DL	12	0.209	0.284	37.1	<DL	1.18	<DL	238	<DL	0.422	<DL	4220	0.137	0.602	225	<DL	7.65	1.07	111	
0.148	25200	997	8	15300	1.47	4.18	176	1570	9.29	7.93	<DL	18.1	0.188	0.25	39.7	<DL	1.23	<DL	227	<DL	0.385	<DL	4280	0.188	0.295	226	<DL	7.39	1.06	120	
0.176	18800	1160	<DL	10300	3.26	7.33	138	1970	3.51	8.03	0.137	18.8	0.148	0.254	39.5	<DL	2.03	<DL	179	<DL	0.641	<DL	4990	0.187	0.335	209	<DL	8.99	1.38	117	
0.139	27600	1040	8.74	16000	1.29	3.4	180	1690	7.5	8.1	<DL	20.5	0.204	0.412	38.1	<DL	1.04	<DL	225	<DL	0.334	<DL	4450	0.215	0.136	238	<DL	7.7	1.1	117	
0.073	12100	909	<DL	9950	1.49	3.15	152	1320	77.8	5.68	<DL	11.1	0.198	0.265	33.9	<DL	0.817	<DL	214	<DL	0.269	<DL	4300	0.182	0.245	245	<DL	3.76	0.629	288	
0.098	11800	932	<DL	17100	1.38	3.2	173	1420	22.8	7	<DL	12.8	0.236	0.346	40	<DL	0.989	<DL	271	<DL	0.34	<DL	4450	0.127	0.191	246	<DL	4.7	0.856	156	
0.098	20400	1060	6.02	11500	1.54	2.94	164	1460	8.11	7.14	<DL	18.3	0.214	0.302	35.9	<DL	0.902	<DL	234	<DL	0.265	<DL	4280	0.253	0.219	242	<DL	5.23	0.835	185	
0.126	21000	1080	8.83	17000	4.43	4	183	2680	23.8	7.25	<DL	15.1	0.187	0.346	37.8	<DL	1.17	<DL	214	<DL	0.354	<DL	4870	0.16	0.286	254	<DL	6.65	0.984	161	
0.116	18500	1000	16	14100	1.98	6.46	161	2190	17.6	7.71	<DL	11.1	0.225	0.313	36.7	<DL	1.53	<DL	245	<DL	0.468	<DL	4340	0.165	0.449	230	<DL	6.41	1.12	146	
0.13	22500	1050	6.03	15000	1.92	9.19	160	3080	30.3	8.79	0.114	8.17	0.24	0.347	35.9	<DL	2.08	3.45	258	<DL	0.634	<DL	4260	0.148	0.649	231	<DL	7.89	1.21	195	
0.085	11400	1030	6.02	12900	1.8	2.84	172	2010	20	6.31	<DL	8.6	0.199	0.177	38.7	<DL	0.87	<DL	219	<DL	0.286	<DL	4390	0.144	0.276	238	<DL	4.33	0.745	200	
0.132	23800	1070	<DL	15000	1.29	2.94	177	2320	16.5	6.95	<DL	15.3	0.148	0.288	38.2	<DL	1.07	<DL	172	<DL	0.308	<DL	4260	0.19	0.206	234	<DL	6.72	1.06	146	
0.112	8360	874	<DL	18600	4.72	16.7	139	2230	26.9	8.1	0.222	17.1	0.254	0.265	27.6	<DL	3.13	<DL	266	<DL	0.964	<DL	3700	0.202	1.63	191	<DL	5.62	1.09	187	
0.119	9860	972	6.84	16000	3.41	15.5	159	2550	12.1	8.92	0.147	8.5	0.311	0.359	33.1	<DL	2.86	<DL	306	<DL	0.906	<DL	4190	<DL	0.946	216	<DL	5.82	0.987	189	
0.133	17800	994	<DL	13900	4.84	3.88	173	<DL	13.7	5.04	0.159	8.31	0.149	0.366	36.5	<DL	1.24	<DL	146	<DL	0.362	<DL	4450	0.129	0.184	246	3.29	6.2	0.884	88.3	
0.149	24800	1010	7.95	14700	3.18	12.1	179	27.7	12.1	8.01	0.191	13.5	0.279	0.444	36.1	<DL	2.24	<DL	272	<DL	0.771	<DL	4560	0.135	0.459	232	2.55	8.27	1.13	108	
0.178	8980	759	130	24000	8.15	16.4	76.3	<DL	179	9.51	0.286	14.7	0.384	0.844	26.4	<DL	3.04	<DL	359	<DL	1.07	<DL	2.64	3440	0.13	2.41	184	1.95	9.13	1.37	122
0.122	9020	741	8.62	10400	11.5	18.8	130	<DL	6.04	3.																					

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40212	A14-1184-025	GMI14-1276	63700	1.93	<DL	190	0.794	<DL	64100	1.5	8.55	54.2	313	0.595	166	1.99	1.4	1.32	79600	22.1	2.08	<DL	11600	4.21	19.2
		GMI14-1276 DUP	65900	1.7	<DL	197	0.778	<DL	65600	1.43	9.15	56.1	323	0.664	169	2.12	1.4	1.35	82200	22.9	2.14	<DL	12000	4.83	19.3
40236	A14-1184-049	GMI14-1300	43600	1.7	<DL	394	2	<DL	42700	4.42	22.6	41.6	246	0.238	139	1.42	1.15	2.21	64400	32.3	2.48	<DL	14100	14.7	16.2
		GMI14-1300 DUP	43200	2.17	<DL	388	2.1	<DL	40400	4.34	21.5	42	250	0.204	141	1.4	1.11	2.25	64800	32	2.36	<DL	14100	14.1	15.1
40261	A14-1185-025	GMI14-1325	32600	3.4	<DL	253	1.7	<DL	35600	3.59	35.9	47.9	294	<DL	130	1.81	1.73	2.2	69900	25.6	5.48	<DL	7030	22.4	14.2
		GMI14-1325 DUP	37400	3.02	<DL	250	1.71	<DL	37700	3.41	35.9	46.9	289	0.104	127	1.92	1.77	2.22	68400	25.3	5.45	<DL	6890	22.1	17.3
40278	A14-1185-042	GMI14-1342	33600	4.38	<DL	1150	1.63	<DL	23800	4.39	18.8	57.8	228	0.09	261	2.7	1.88	7.26	96300	69.3	2.83	<DL	13600	8.37	48.1
		GMI14-1342 DUP	31500	3.49	<DL	1080	1.5	<DL	21800	4	17.6	53.7	211	<DL	245	2.61	1.81	6.83	89700	64.8	2.63	<DL	12600	7.9	44.3

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2410	3.92							20000			229000				16000						
		CRM PTM-1a #2		2270	1.51							18200			196000				14800						
		CRM PTM-1a #3		2190	1.67							17800			196000				16600						
		CRM PTM-1a #4		2400	1.79							17700			192000				17100						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	43700	6.19		351	0.39	2.35	23500	4.46	32.2	623	329	0.244	9930	1.38	1.08	2	252000	22.2	5.04		6870	14.8	
		CRM SU-1b #2	42200	5		352	0.552	2.27	22000	4.52	29	642	319	0.17	9070	1.31	1.17	2.07	256000	22.9	3.63		6430	15.3	
		CRM SU-1b #3	41600	7.18		371	0.601	2.15	22300	5.65	26.3	663	328	0.189	9400	1.31	1.31	2.55	261000	23.6	4.56		6700	14.7	
		CRM SU-1b #4	40000	7.71		359	0.576	2.4	21400	5.28	31.5	647	327	0.182	9050	1.34	1.38	2.52	256000	23.3	3.46		6300	16.7	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	53600	22		118		31	24200	12.2		156	188	0.429	2180				213000	43.8		1.69	5360	6.69	11.1
		CRM RTS-3a #2	50300	22.7		125		30.7	21200	13.9		159	193	0.229	2120				227000	46.4		1.83	5080	7.11	16.1
		CRM RTS-3a #3	46200	22.5		117		30.6	20000	14.9		147	177	0.237	2010				207000	42.8		1.76	4630	5.8	15
		CRM RTS-3a #4	46800	23.2		119		29.2	20700	13.4		149	182	0.264	2070				211000	44.2		1.74	4740	6.84	14.9
		<b>Certified Values:</b>																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	64200	24.3		657	1.31		19000	4.62	93.5	34.2	77.5	2.26	70.1	5.07		4.22	41900				21000	44.6	18.7
		CRM LKSD-3 #2	57800	23.8		638	1.64		16500	6	74.1	32.5	73.5	0.946	68.6	4.07		4.12	40800				19800	41.8	22.5
		CRM LKSD-3 #3	54200	21.8		612	1.58		15900	6.78	64.6	30.8	68.4	0.94	77.2	3.9		4.48	37800				18800	37	21.2
		CRM LKSD-3 #4	52300	23.2		610	1.62		15400	6.41	78.1	31	70.7	0.905	74.1	4.11		4.46	38200				18100	42.9	20.4





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #4		10.4	11.6		8.41	10.4		9.55	10.7			9.94		9.98	10.1	10.4		9.76	12.6	9.42		9.4	7.06
		Spike #7		9.51	10.2		9.57	9.72		9.55	9.77			9.8		9.53	9.87	9.48		9.72	9.61	9.74		9.74	9.74
		Spike #10		9.65	10.1		9.73	9.63		9.93	8.94			9.98		9.3	9.59	9.6		9.59	10.7	9.93		9.24	9.78
		Spike #13		10.1	9.73		9.63	9.62		9.87	9.67			9.5		9.63	9.64	9.71		9.63	9.63	9.51		9.7	9.78
		Actual Spike Values:					100					100	100		100										
		Spike #5					97.8					105	102		106										
		Spike #8					99.4					104	99.7		98.9										
		Spike #11					84.2					85.7	82		83.4										
		Spike #14					103					104	101		100										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #6	10100						10200										10100				10600		
		Spike #9	10300						10200										10100				10300		
		Spike #12	10600						10600										10400				10700		
		Spike #15	10300						10200										9930				10300		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-019

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

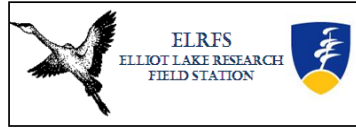
**Client Contact Information:**

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Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1200 (52) & 14-1201 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Oct. 22, 2014 - Jan 13, 2015 / Troy Maki  
Submission Date: 2015 01 29

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
40485	A14-1200-001	GMI14-1343	70700	3.25	8.24	507	2.45	<DL	46900	4.77	37.6	35.7	204	0.356	171	3.1	2.87	3.38	68800	23	5.85	<DL	12500	19.2	41.4
40486	A14-1200-002	GMI14-1344	72200	3.74	1.7	565	2.42	<DL	40700	6.88	43.6	31.8	156	0.225	161	2.77	2.63	3.7	60700	26.1	6.02	0.142	16500	26.8	33.1
40487	A14-1200-003	GMI14-1345	67300	3.86	<DL	448	2.17	<DL	46000	7.53	45.8	34.1	221	0.123	149	2.64	2.62	3.23	56600	21.1	6.21	0.136	13500	27	26.1
40488	A14-1200-004	GMI14-1346	65700	3.75	<DL	446	1.26	<DL	54900	6.5	30.9	42.9	231	0.233	234	2.46	2.25	3.15	70900	19.3	4.29	<DL	9850	20.1	24.4
40489	A14-1200-005	GMI14-1347	68400	4.96	<DL	345	1.52	<DL	57900	6.58	44.2	46.5	279	0.162	231	2.83	2.59	2.62	74400	17.7	5.74	<DL	9650	29.6	26.4
40490	A14-1200-006	GMI14-1348	68200	3.43	<DL	497	2.1	<DL	43200	6.34	50	30.9	140	0.18	154	2.54	2.58	3.65	57000	21.8	6.53	<DL	12500	31.8	23.3
40491	A14-1200-007	GMI14-1349	72100	3.07	<DL	689	2.09	<DL	37700	8.13	70.4	24.9	116	0.177	167	3.05	3.36	4.98	43300	29.4	9.31	<DL	16200	39.3	19.1
40492	A14-1200-008	GMI14-1350	65600	2.65	<DL	1120	2.08	<DL	37600	8.05	59.8	31.2	119	0.131	184	2.61	2.7	7.32	52300	43.2	7.38	<DL	12400	36.5	23
40493	A14-1200-009	GMI14-1351	65000	3.17	<DL	746	1.84	<DL	41500	5.22	47.5	35.2	133	0.131	176	2.63	2.46	5.03	62400	30.7	5.98	<DL	11400	29.9	24
40494	A14-1200-010	GMI14-1352	60400	3.36	<DL	716	1.89	<DL	40600	4.85	45.3	35.8	129	0.135	166	2.6	2.5	5.11	60500	29.8	5.87	<DL	15100	24.1	24.8
40495	A14-1200-011	GMI14-1353	68900	3.49	<DL	1120	2.33	<DL	32700	5.89	55.8	25.5	133	0.182	185	2.71	2.72	7.46	42000	45.7	7.06	<DL	21400	31.9	16
40496	A14-1200-012	GMI14-1354	59900	2.04	<DL	1870	2.09	<DL	37800	5.95	40.1	28.7	138	0.249	143	2.36	2.38	12	49300	70.6	5.41	<DL	17500	20.9	20.5
40497	A14-1200-013	GMI14-1355	60400	3.32	<DL	724	2.03	<DL	36500	6.38	46	31.1	157	0.126	160	2.47	2.26	5.12	49300	31.1	5.66	<DL	17400	25.4	18.3
40498	A14-1200-014	GMI14-1356	62800	2.56	<DL	816	1.83	<DL	35100	6.1	54.3	28	141	0.148	133	2.69	2.82	5.99	46900	36.6	7.08	<DL	19100	25.1	19.2
40499	A14-1200-015	GMI14-1357	64700	2.25	<DL	811	1.9	<DL	32700	8.01	66.7	25.5	154	0.137	144	2.81	2.91	6.05	46900	36.3	8.34	<DL	20700	32	14
40500	A14-1200-016	GMI14-1358	61100	6.16	<DL	380	0.287	<DL	53500	5.43	23.3	57.3	111	0.646	392	4.32	3.34	3.4	97500	18.4	4.23	<DL	12300	8.63	16.6
40501	A14-1200-017	GMI14-1359	66200	2.06	<DL	913	2.1	<DL	22600	9.42	76.7	23.6	144	0.242	312	2.65	2.84	6.72	36300	43.1	9.22	<DL	24800	33.8	11.4
40502	A14-1200-018	GMI14-1360	56700	2.38	<DL	685	1.64	<DL	33500	6.67	52.3	33.2	223	0.204	146	2.5	2.54	5.2	52400	32.1	6.51	<DL	15000	23	23.2
40503	A14-1200-019	GMI14-1361	55800	2.61	<DL	453	1.5	<DL	32200	5.42	38.4	40.3	260	0.225	173	1.97	2.07	3.6	62100	21.4	5.05	<DL	11000	16.1	31.4
40504	A14-1200-020	GMI14-1362	51100	2.71	<DL	624	1.11	<DL	37200	3.7	26.4	44.8	280	0.227	203	1.89	1.59	4.55	66400	27.1	3.49	<DL	10200	11.7	27.9
40505	A14-1200-021	GMI14-1363	52700	2.55	<DL	1670	1.16	<DL	40400	6.03	38.7	40.4	241	0.233	172	2.15	2.13	11.5	59800	67.3	5.15	<DL	10600	16.4	23.6
40506	A14-1200-022	GMI14-1364	55000	3.62	<DL	552	1.47	<DL	42000	6.55	53.1	37.6	232	0.136	196	2.52	2.64	4.41	55400	25.6	6.86	<DL	14200	22.5	15.1
40507	A14-1200-023	GMI14-1365	61800	2.13	<DL	901	1.95	<DL	38600	12.3	85.3	30.2	229	0.211	126	3.3	3.94	7.24	46000	43.4	11.1	<DL	17800	34.8	22.1
40508	A14-1200-024	GMI14-1366	51900	3.7	<DL	459	1.72	<DL	47300	6.26	60.7	38.7	324	0.31	149	3.22	3.4	4.51	53700	23.6	9.26	<DL	10600	23.8	29.4
40509	A14-1200-025	GMI14-1367	66200	1.64	<DL	910	2.55	<DL	30900	7.24	49.9	23	148	0.271	191	2.62	2.66	7.07	38200	45.1	6.87	<DL	29200	20.4	18
40510	A14-1200-026	GMI14-1368	55900	2.83	1.32	334	0.927	<DL	57700	2.3	21.9	49.5	299	0.251	205	2.34	1.9	2.68	74600	15.3	2.98	<DL	8230	13.6	24.8
40511	A14-1200-027	GMI14-1369	59700	2.29	<DL	567	1.72	<DL	47200	5.35	45.8	39.6	241	0.182	199	2.51	2.47	4.29	59900	25.2	5.6	<DL	16800	23.6	22.3
40512	A14-1200-028	GMI14-1370	52700	2.77	<DL	443	1.03	<DL	56100	2.25	24	48.5	290	0.21	191	2.31	1.96	3.24	70200	18.2	3	<DL	8430	12.4	23.5
40513	A14-1200-029	GMI14-1371	56100	4.04	<DL	639	1.34	<DL	60900	3.57	24.6	46.6	272	0.195	190	2.49	2.16	4.92	69000	25.8	3.62	<DL	8790	11.9	19.5
40514	A14-1200-030	GMI14-1372	53400	2.61	<DL	368	1.4	<DL	46700	4.83	24	46.1	266	0.177	206	2.05	1.92	3.07	67000	17.4	3.33	<DL	12700	10.8	23.2
40515	A14-1200-031	GMI14-1373	52800	3.92	<DL	468	1.43	<DL	48300	5.26	33	43.4	229	0.176	253	2.7	2.41	3.94	62700	20.4	4.64	<DL	14900	14.6	16.9
40516	A14-1200-032	GMI14-1374	51800	3.24	<DL	319	1.19	<DL	47900	3.83	29.8	43	227	0.154	176	2.51	2.03	2.82	63200	15.5	3.95	<DL	9930	12.8	22.5
40517	A14-1200-033	GMI14-1375	53300	4.23	<DL	505	2.36	<DL	41200	7.27	50.3	34.2	117	0.184	193	3.36	3.29	4.55	60900	24.2	7.11	<DL	16000	20.9	18.6
40518	A14-1200-034	GMI14-1376	54600	1.59	<DL	494	1.91	<DL	40900	5.57	42.9	33.1	289	0.196	130	2.44	2.46	4.34	46000	24.9	6.27	<DL	16500	18.2	20.6
40519	A14-1200-035	GMI14-1377	46700	3.75	<DL	337	1.91	<DL	38900	6.8	52.6	42.5	424	1.28	188	2.89	3.24	3.61	56400	17.7	8.42	<DL	9640	19.2	50.4

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.295	31000	1100	<DL	40100	8.43	17	94.1	3410	68.3	19.9	0.383	25.8	0.435	0.337	31.8	<DL	3.38	<DL	527	12.2	1.41	3.21	3470	0.213	1.26	238	4.34	16.3	2.39	251	
0.262	24100	1020	<DL	42700	6.39	15.6	78.8	3130	63.8	18.7	0.373	30.1	0.508	0.29	27.7	<DL	2.96	<DL	521	<DL	1.27	6.16	3110	0.222	2.46	217	2.39	13.9	2.04	294	
0.275	24600	988	<DL	37500	6.29	15.7	89.6	2330	58.7	16.9	0.51	22.7	0.384	0.243	24.4	<DL	3.06	<DL	404	<DL	1.38	7.84	2980	0.211	2.92	202	1.74	13.1	2.15	181	
0.234	29400	1080	<DL	31200	4	10.8	111	2760	74.7	16.5	0.339	25.2	0.32	0.283	33	<DL	2.33	<DL	367	<DL	0.967	5.95	3680	0.213	1.82	251	1.85	13.3	2.16	222	
0.278	31200	1200	<DL	34300	4.96	13.8	126	3750	64.9	17.4	0.371	16.1	0.349	0.203	31.5	<DL	2.75	<DL	389	<DL	1.18	6.43	3810	0.167	2.29	265	1.65	13.7	2.07	228	
0.268	22400	914	<DL	37400	5.99	14.8	75.9	1320	51.4	20.4	0.391	22	0.615	0.312	29.8	<DL	2.75	<DL	574	<DL	1.31	6.96	2930	0.171	2.73	208	<DL	13.3	2.02	172	
0.257	18100	736	<DL	40400	7.72	23	58.6	517	59.6	19.1	0.522	25.7	0.453	0.26	22.4	<DL	3.99	<DL	457	<DL	1.81	10.1	2410	0.211	3.87	157	<DL	14.8	2.29	117	
0.265	19900	834	<DL	36700	7.8	17.8	68.6	738	37.4	17	0.502	19.5	0.424	0.334	25.8	<DL	3.07	<DL	442	<DL	1.37	9.11	2810	0.179	4.89	191	<DL	12.9	1.87	198	
0.242	22100	985	<DL	34300	5.73	15	83.1	1080	39.2	18.8	0.374	17.5	0.589	0.254	36.1	<DL	2.8	<DL	604	<DL	1.2	6.21	3210	0.171	3.21	226	<DL	12.4	1.85	218	
0.243	22900	990	<DL	30600	6.98	15.3	81.2	601	69.1	17.1	0.28	25.4	0.47	0.227	30.5	<DL	2.95	<DL	474	<DL	1.2	3.91	3400	0.208	2.39	235	<DL	13.1	1.91	247	
0.24	18000	743	<DL	38700	7.75	18.9	55.1	<DL	58.1	16.1	0.483	38	0.315	0.225	21.1	<DL	3.49	<DL	374	<DL	1.45	9.62	2400	0.28	5.5	161	<DL	13.9	2.12	166	
0.214	20700	802	<DL	33900	6.16	14.5	70.2	<DL	113	16.5	0.485	29.1	0.424	0.185	23.2	<DL	3.19	<DL	462	<DL	1.16	9.73	2510	0.211	4.5	181	<DL	12.3	1.76	190	
0.236	19900	794	<DL	33200	6.62	15.4	75.2	<DL	81	16.1	0.463	27.3	0.41	0.204	24.3	<DL	2.68	<DL	443	<DL	1.17	9.43	2690	0.214	5.45	185	<DL	12	1.8	150	
0.249	18000	750	<DL	34300	7.13	19.1	64.9	<DL	38.4	17.3	0.505	29.6	0.455	0.205	23.4	<DL	3.59	<DL	457	<DL	1.46	8.1	2690	0.225	3.47	182	<DL	13.2	1.96	170	
0.225	16000	705	<DL	37200	8.13	22.2	60	<DL	65	17.5	0.571	33.3	0.48	0.222	21.9	<DL	4.05	<DL	485	<DL	1.66	12.2	2760	0.228	4.78	176	<DL	13.8	2.04	133	
0.422	23000	1290	<DL	17000	5.03	12.7	107	<DL	3.28	19.4	0.299	52.5	0.243	0.212	42.2	<DL	3.34	<DL	273	<DL	1.25	1.58	6020	0.35	0.266	325	<DL	21.2	2.92	126	
0.246	12400	593	<DL	38800	9.37	24.7	45.7	<DL	85.8	16.1	0.688	41.7	0.384	0.184	18.2	<DL	4.14	<DL	406	<DL	1.71	14.9	2190	0.27	4.66	137	<DL	13.6	1.93	127	
0.206	20100	886	<DL	31800	6.48	18.4	82.4	<DL	47.7	16.9	0.453	24.7	0.565	0.224	25.5	<DL	3.35	<DL	547	<DL	1.36	7.84	2990	0.193	3.11	196	<DL	11.6	1.72	161	
0.17	22600	1010	<DL	29400	5.39	14	105	<DL	34.6	18	0.409	20.9	0.723	0.236	29.1	<DL	2.76	<DL	687	<DL	1.07	6.41	3530	0.179	2.34	231	<DL	9.49	1.48	168	
0.163	23200	1000	<DL	26100	3.85	9.66	116	<DL	36	17	0.177	18.2	0.744	0.197	28.6	<DL	1.96	<DL	677	<DL	0.734	3.11	3610	0.191	1.45	241	<DL	8.27	1.27	170	
0.188	23600	878	<DL	27100	5.6	13.8	109	<DL	72	17.1	0.379	18.9	0.637	0.174	27.6	<DL	2.67	<DL	603	<DL	1.04	7.87	3240	0.212	2.96	216	<DL	10.2	1.58	195	
0.227	22600	829	<DL	28100	8	18.2	107	<DL	26.8	14.3	0.459	23.1	0.296	0.208	27	<DL	3.2	<DL	330	<DL	1.36	8.36	3160	0.218	3.1	212	<DL	12	1.85	141	
0.296	20800	810	<DL	33700	10.3	30.8	100	290	20.4	19.4	0.792	29.7	0.434	0.192	19.9	<DL	5.55	<DL	450	<DL	2.34	14.2	2950	0.234	5.26	175	<DL	16	2.36	199	
0.243	26500	970	<DL	24900	6.38	27.6	119	<DL	28.4	19.3	0.44	19.2	0.647	0.211	22.4	<DL	5.55	<DL	594	<DL	2.18	6.35	3490	0.203	4.5	194	<DL	12.2	1.99	194	
0.226	16300	666	<DL	34800	7.72	19.2	56.7	<DL	69.8	15.8	0.55	49.7	0.392	0.189	18.1	<DL	3.53	<DL	399	<DL	1.46	17	2170	0.376	6.25	152	<DL	12.5	2	169	
0.199	32700	1120	<DL	23100	4.85	7.77	143	<DL	32.5	15.7	0.14	15.7	0.454	0.232	35.6	<DL	1.88	<DL	470	<DL	0.699	1.9	3970	0.174	0.979	287	<DL	11.6	1.64	172	
0.239	25900	939	<DL	28000	6.02	15.5	111	<DL	47.7	16.6	0.327	31.3	0.454	0.233	30.5	<DL	2.92	<DL	473	<DL	1.15	7.49	3370	0.27	3.16	238	<DL	12.7	1.88	142	
0.209	30700	1040	<DL	22600	3.46	9.6	140	<DL	22.5	14.9	<DL	20.9	0.44	0.208	36.7	<DL	2.06	<DL	474	<DL	0.743	2.02	3900	0.188	1.18	288	<DL	12	1.65	137	
0.255	32800	1100	<DL	25200	3.63	10	137	<DL	31	16.3	0.174	19.3	0.385	0.21	36.9	<DL	2.4	<DL	395	<DL	0.859	4.4	3660	0.175	2.45	282	<DL	13.2	2.02	132	
0.189	28900	952	<DL	24000	4.83	9.41	127	<DL	24.6	14.7	0.317	27.3	0.392	0.199	34	<DL	2.1	<DL	416	<DL	0.784	6.17	3660	0.237	3.07	261	<DL	10.6	1.62	171	
0.246	27200	951	<DL	23600	5.2	13	115	<DL	25.6	17.7	0.409	33	0.486	0.212	33.3	<DL	2.59	<DL	472	<DL	1.09	7.21	3540	0.267	2.87	256	<DL	13.5	2.02	138	
0.223	26700	991	<DL	24000	4.99	11.2	112	<DL	27.4	19	0.194	21.2	0.69	0.182	34.6	<DL	2.3	<DL	631	<DL	0.917	4.66	3590	0.158	2.83	258	<DL	12.5	1.78	128	
0.317	21600	845	<DL	30400	7.76	18.4	75.4	<DL	29.4	21.3	0.516	34.4	0.501	0.219	32.8	<DL	3.84	<DL	482	<DL	1.63	10.3	3640	0.213	4.39	251	<DL	16.9	2.51	153	
0.218	23500	835	<DL	26700	6.57	16.2	106	<DL	27.2	15.8	0.474	30.9	0.452	0.317	23.1	<DL	3.18	<DL	440	<DL	1.32	8.12	2650	0.228	3.55	178	<DL	10.6	1.71	161	
0.255	30200	1160	<DL	23300	7.1	24.1	135	431	17.9	19.1	0.399	47.3	0.664	0.166	23.8	<DL	4.82	<DL	583	<DL	1.96	4.3	3950	0.393	2.25	223	<DL	11	1.95	266	

40520	A14-1200-036	GMI14-1378	50400	3.03	<DL	426	1.4	<DL	46000	5.77	43.5	41.7	299	0.798	196	2.76	2.82	4.11	59900	21.1	6.84	<DL	9940	17	33.4
40521	A14-1200-037	GMI14-1379	50800	3.71	<DL	352	1.09	<DL	48200	4.2	29.8	40.6	227	0.134	203	2.57	2.32	3.36	60100	16.8	4.61	<DL	9230	12.8	16.4
40522	A14-1200-038	GMI14-1380	50600	4.85	<DL	377	0.754	<DL	55600	3.68	20.5	47.2	267	0.136	180	2.38	1.94	3.5	69400	16.8	3.29	<DL	10200	11.6	13.4
40523	A14-1200-039	GMI14-1381	55300	3.7	<DL	589	1.95	<DL	39700	6.29	47.6	32.7	178	0.127	160	2.59	2.64	5.34	52000	29.7	6.93	<DL	17100	22.6	12.8
40524	A14-1200-040	GMI14-1382	49300	4.87	<DL	354	1.35	<DL	44000	4.63	32.3	41.5	161	0.209	176	2.6	2.49	3.47	61600	18.3	5.2	<DL	10800	13.3	16.5
40525	A14-1200-041	GMI14-1383	59700	6.78	<DL	376	0.265	<DL	55200	5.78	22.6	58	112	0.875	427	4.37	3.61	4.1	95800	19.8	4.87	<DL	12300	7.76	14.5
40526	A14-1200-042	GMI14-1384	52500	3.34	<DL	497	2.12	<DL	33600	6.4	45.7	32	157	0.201	140	2.6	2.84	4.75	46300	26.8	7.43	<DL	15800	18.2	14
40527	A14-1200-043	GMI14-1385	55400	3.52	<DL	545	1.89	<DL	37300	6.99	46.6	32.7	168	0.198	171	2.53	2.66	5.25	48500	29.9	7.09	<DL	20400	20.4	10.3
40528	A14-1200-044	GMI14-1386	50200	3.5	<DL	437	2.29	<DL	38200	7.6	50.5	34.1	164	0.165	155	2.87	2.98	4.43	54400	22.6	7.55	<DL	14500	21.3	12.6
40529	A14-1200-045	GMI14-1387	51100	4.36	<DL	442	1.47	<DL	37600	6.21	34.7	34.8	132	0.125	182	2.53	2.61	4.41	56700	22.8	5.76	<DL	12600	13.3	12.5
40530	A14-1200-046	GMI14-1388	48000	3.92	<DL	407	1.46	<DL	40100	5.49	30.1	37.2	175	0.119	232	2.43	2.25	4.05	56900	20.6	5.19	<DL	12500	11.9	14
40531	A14-1200-047	GMI14-1389	49100	3.6	<DL	381	1.69	<DL	36100	6.76	34.1	39	114	0.195	177	2.58	2.63	3.88	59200	21.1	5.78	<DL	12900	12.5	17.6
40532	A14-1200-048	GMI14-1390	54000	2.72	<DL	533	2.1	<DL	30800	7.17	45.6	29.3	104	0.162	153	2.99	3.08	5.38	48500	29.9	7.71	<DL	17600	17.1	12.8
40533	A14-1200-049	GMI14-1391	45600	5.05	<DL	446	1.65	<DL	37900	6.49	36.6	44.8	110	0.134	210	2.79	2.71	4.59	65900	22.9	6.19	<DL	12900	14.2	16.4
40534	A14-1200-050	GMI14-1392	49100	4.28	<DL	422	1.93	<DL	32900	6.25	41.4	34.3	118	0.131	225	2.46	2.64	4.26	55600	22.8	6.73	<DL	13200	16.4	14.4
40535	A14-1200-051	GMI14-1393	45400	3.8	<DL	985	1.43	<DL	28600	5.99	44.1	41.4	219	0.095	209	2.59	2.77	9.11	59900	46.5	7.02	<DL	15300	19.4	26.1
40536	A14-1200-052	GMI14-1394	44000	4.41	<DL	667	2.28	<DL	23800	7.02	50.9	34.9	223	0.126	187	2.65	3.07	6.57	54800	34.2	8.47	<DL	17100	20.7	21.6
40537	A14-1201-001	GMI14-1395	68800	2.32	4.37	934	5.13	<DL	32800	26.4	151	22.3	253	0.352	65.5	4.2	5.8	7.87	38100	59.7	13.8	<DL	32900	84.5	24.7
40538	A14-1201-002	GMI14-1396	55100	0.677	1.58	954	4.75	<DL	54500	18.2	141	42.1	514	0.651	99.4	5.02	6.73	8.86	55700	54.2	14.9	<DL	20100	69.9	87.5
40539	A14-1201-003	GMI14-1397	50800	1.62	<DL	895	4.08	<DL	51700	16.4	129	38.6	463	0.716	88.3	4.57	6.13	8.31	51800	50.3	13.9	<DL	18100	62.9	85.2
40540	A14-1201-004	GMI14-1398	75100	<DL	<DL	1200	3.59	<DL	13500	16.6	136	5.49	64.7	0.268	12.4	3.54	4.88	9.78	16000	79.1	12.4	<DL	30100	71.2	6.32
40541	A14-1201-005	GMI14-1399	81400	<DL	<DL	1170	2.94	<DL	9420	20	159	2.43	57.8	0.387	7.02	3.67	5.29	9.79	12200	83	13.6	<DL	36100	90.2	1.08
40542	A14-1201-006	GMI14-1400	80800	<DL	<DL	1250	2.79	<DL	9620	19.5	158	2.05	45.8	0.392	6.07	3.91	5.36	10.5	12500	92.5	13.6	<DL	36200	81.4	0.509
40543	A14-1201-007	GMI14-1401	75200	<DL	<DL	1320	2.68	<DL	9910	17.6	161	2.64	62.3	0.365	17.1	3.43	4.95	11.2	13500	98.6	12.8	<DL	33400	82.8	0.562
40544	A14-1201-008	GMI14-1402	72600	0.984	<DL	1260	2.72	<DL	29800	17.8	113	19.7	114	0.377	100	3.03	3.85	10.6	37300	92.3	9.11	<DL	23500	62.2	12.2
40545	A14-1201-009	GMI14-1403	77700	<DL	<DL	1260	3.32	<DL	26800	24.8	111	17.3	121	0.566	88.9	3.21	4.17	10.4	35500	96.5	9.32	<DL	27000	58.5	12.6
40546	A14-1201-010	GMI14-1404	71800	<DL	<DL	1070	3.26	<DL	18900	26.4	104	10.4	63.7	0.604	80.4	2.92	3.91	9.04	26400	84.4	8.98	<DL	29200	49.6	9.9
40547	A14-1201-011	GMI14-1405	71100	<DL	<DL	939	3.39	<DL	19800	26.5	109	11.6	73.6	0.508	109	3.14	4.19	8.46	27900	73.4	9.6	<DL	28500	50.5	12.5
40548	A14-1201-012	GMI14-1406	64800	3.3	<DL	688	3.51	<DL	33400	18.7	81.3	26.8	145	0.491	153	3.58	4.14	6.55	49200	50.9	8.02	<DL	16500	37.3	29.6
40549	A14-1201-013	GMI14-1407	67300	3.05	<DL	731	3.23	<DL	37200	18.8	164	29.4	153	0.388	157	3.95	5.34	7.09	49800	55.5	13.3	<DL	20200	101	25.4
40550	A14-1201-014	GMI14-1408	67300	7.58	<DL	385	0.527	<DL	58000	6.3	25.5	57.2	104	1.23	408	4.7	3.88	4.06	104000	23.3	3.69	<DL	12500	10	22.8
40551	A14-1201-015	GMI14-1409	63100	2.91	<DL	516	2.91	<DL	44700	10.6	109	36.1	198	0.321	149	3.29	4.06	5.25	59800	33.9	9.49	<DL	15100	69.5	32.1
40552	A14-1201-016	GMI14-1410	60600	3.13	<DL	491	3.28	<DL	40900	14	125	28.8	168	0.399	169	3.42	4.28	5.06	54100	33.3	10.4	<DL	15500	80.3	27.4
40553	A14-1201-017	GMI14-1411	68200	2.73	<DL	563	3.7	<DL	40600	21.6	89	30.2	182	0.623	187	3.37	4.09	5.36	54000	43.4	8.17	<DL	18500	50.9	27
40554	A14-1201-018	GMI14-1412	62700	2.43	<DL	535	3.31	<DL	37300	18.5	82.1	28	162	0.525	163	3.03	3.6	5.28	49700	38.3	7.79	<DL	16800	45	26.2
40555	A14-1201-019	GMI14-1413	54300	5.03	<DL	505	4.76	<DL	31800	20.4	123	54	150	<DL	213	3.69	4.58	5.29	57400	35.8	11	<DL	20800	65.7	14.9
40556	A14-1201-020	GMI14-1414	52900	1.86	<DL	522	3.72	<DL	32000	19	103	31.5	113	<DL	186	3.41	4.26	5.29	55800	36.7	9.53	<DL	18500	55.3	16.1
40557	A14-1201-021	GMI14-1415	40300	2.39	<DL	839	3.95	<DL	37400	16.2	141	34.2	319	0.293	109	4.41	6.22	8.93	49600	56.2	15.2	<DL	20400	66.3	42.1
40558	A14-1201-022	GMI14-1416	53400	2.01	<DL	791	4.37	<DL	24700	28.4	146	21.7	182	0.203	148	3.51	5.45	7.86	37300	60.4	13.7	<DL	28700	75.8	18.6
40559	A14-1201-023	GMI14-1417	73300	<DL	<DL	1080	3.01	<DL	11200	53.6	211	3.94	37.8	0.255	55.7	4.49	6.97	10.5	15300	96.3	18.5	<DL	40700	111	1.95
40560	A14-1201-024	GMI14-1418	62800	1.26	<DL	573	4.58	<DL	15700	36.7	172	23	125	0.174	472	4.25	5.89	6.01	38800	50.2	14.8	<DL	30300	88	7.33
40561	A14-1201-025	GMI14-1419	66900	<DL	<DL	630	2.91	<DL	13400	41.8	214	8.85	82.7	0.215	71	3.83	6.15	6.57	22400	54.4	17.1	<DL	31200	119	5.91
40562	A14-1201-026	GMI14-1420	73100	1.41	1.02	692	3.66	<DL	16200	37.5	178	10.9	91.7	0.232	94.2	3.94	5.98	6.57	25700	55.3	15.6	<DL	32300	109	9.37
40563	A14-1201-027	GMI14-1421	70000	0.989	<DL	636	3.08	<DL	14700	29.7	175	11	99.5	0.216	164	3.31	5.12	5.96	25600	46.6	14.3	<DL	29600	113	11.2
40564	A14-1201-028	GMI14-1422	66000	<DL	<DL	754	3.25	<DL	22700	27.8	133	18.1	93	0.252	142	3.45	4.5	6.9	37400	52.9	11.4	<DL	23600	82.5	19.4
40565	A14-1201-029	GMI14-1423	59400	3.33	<DL	673	3.82	<DL	28000	17.1	85.3	29.4	162	0.708	170	2.81	3.41	6.06	59100	46	7.66	<DL	21400	49.8	44.3
40566	A14-1201-030	GMI14-1424	52100	1.1	<DL	443	3.89	<DL	30300	10.2	66.2	32.2	194	0.512	168	2.53	2.94	4.29	59300	26.6	6.52	<DL	18300	35.7	39.9
40567	A14-1201-031	GMI14-1425	60400	0.544	<DL	831	3.88	<DL	28600	14.9	142	21.3	106	0.163	116	4.23	6.22	8.32	38300	59.1	14.6	<DL	24600	69.4	16.6
40568	A14-1201-032	GMI14-1426	57500	0.654	<DL	785	3.64	<DL	26700	15.2	134	20.4	98.7	0.125	105	4.04	5.76	8.13	36100	56.1	13.8	<DL	23200	65	15.5
40569	A14-1201-033	GMI14-1427	56200	2.15	<DL	1030	3.56	<DL	32500	23.8	82.1	29.4	135	0.117	274	3.32	3.81								

0.229	25500	1010	<DL	24700	4.66	19.5	124	<DL	20.9	20.2	0.434	33.7	0.7	0.184	26.4	<DL	3.95	<DL	615	<DL	1.48	3.48	3600	0.272	1.68	230	<DL	11.7	1.88	216
0.229	22200	924	<DL	25500	4.76	12	113	<DL	20.7	18.3	0.29	16.2	0.58	<DL	30	<DL	2.42	<DL	511	<DL	1.11	3.56	3390	0.184	2.18	238	<DL	11.6	1.86	172
0.219	28500	1090	<DL	21300	2.59	7.34	133	<DL	33.4	17.1	0.242	22.1	0.443	<DL	35.5	<DL	1.92	<DL	396	<DL	0.771	1.89	3690	0.232	1.13	267	<DL	11.4	1.81	179
0.236	18700	771	<DL	29800	7.5	15.9	83.7	<DL	42.6	18.2	0.465	30.2	0.523	<DL	26	<DL	3.03	<DL	439	<DL	1.37	7.64	2930	0.241	4.54	200	<DL	11.8	1.9	198
0.256	23200	928	<DL	23900	5.3	12.4	104	<DL	16.7	18.3	0.374	22.5	0.496	<DL	30.1	<DL	2.7	<DL	429	<DL	1.17	5.35	3410	0.211	2.25	229	<DL	12.2	1.98	182
0.431	22500	1250	<DL	16700	4.48	12.4	113	400	3.37	23.6	0.296	58.6	0.304	<DL	37.5	<DL	3.32	<DL	274	<DL	1.42	1.41	5850	0.344	0.254	318	<DL	20.5	3.18	215
0.241	20300	756	<DL	27200	8.05	16.6	87	194	11.3	18.4	0.506	31.5	0.459	<DL	23.6	<DL	3.02	<DL	402	<DL	1.48	8.17	2600	0.255	3.95	166	<DL	11.8	2.11	222
0.257	19300	756	<DL	26800	7.67	15.7	89.9	383	14.7	21.4	0.645	41.5	0.715	<DL	23.7	<DL	2.89	<DL	579	<DL	1.43	11.3	2740	0.324	5.32	187	<DL	11.4	1.94	211
0.282	20100	861	<DL	29000	7.97	16.5	83.1	462	12.4	19	0.695	26.9	0.405	<DL	27.7	<DL	3.29	<DL	361	<DL	1.55	8.93	3020	0.231	4.18	200	<DL	13.3	2.27	240
0.257	18900	787	<DL	28600	4.93	13.2	79.9	178	13.9	19.8	0.409	24.1	0.555	<DL	28.3	<DL	3.03	<DL	447	<DL	1.34	5.29	3120	0.206	2.38	220	<DL	12	2.11	236
0.245	20600	782	<DL	25600	5.51	11.5	94.6	175	12.2	19.1	0.474	21.9	0.592	0.45	27.1	<DL	2.69	<DL	452	<DL	1.18	6.1	3090	0.194	2.74	218	<DL	11	1.88	222
0.275	21500	881	<DL	26300	5.7	13.4	97.1	444	14.2	17.7	0.443	22.1	0.336	<DL	27.6	<DL	2.82	<DL	324	<DL	1.26	6.58	3230	0.218	2.25	214	<DL	12.2	2.16	258
0.261	17400	717	<DL	30600	7.37	17.3	70.1	282	14.1	18.5	0.575	29.7	0.364	<DL	24.1	<DL	3.54	<DL	314	<DL	1.61	9.43	2750	0.217	3.81	183	<DL	13	2.28	244
0.304	23600	954	<DL	22300	5.1	14.3	112	266	10.1	17.8	0.553	23	0.385	<DL	30.3	<DL	2.97	<DL	333	<DL	1.47	6.76	3550	0.227	2.6	241	<DL	12.3	2.21	255
0.255	18700	763	<DL	28200	6.41	14.4	76.5	175	11.2	16	0.507	22.6	0.311	<DL	27.8	<DL	2.94	<DL	288	<DL	1.39	10.8	3080	0.2	4.07	212	<DL	11.4	2.12	249
0.244	25700	865	<DL	16200	5.22	16.5	109	152	7.2	14.7	0.341	26.5	0.258	<DL	26.8	<DL	3.37	<DL	234	<DL	1.52	3.68	3690	0.274	2.18	243	<DL	11	2.07	293
0.26	21800	846	<DL	19200	8.02	18.6	90	85.8	9.37	12.6	0.461	25.7	0.105	<DL	25.1	<DL	3.5	1.45	123	<DL	1.73	7.2	2990	0.246	3.61	254	<DL	11.1	2.16	268
0.397	29100	827	<DL	36000	17	51	114	<DL	53.7	15.7	1.44	77.3	0.346	<DL	11.2	<DL	8.58	<DL	295	9.05	4.01	41.1	2510	0.431	5.51	101	2.63	21.3	2.82	122
0.43	49700	1150	<DL	23600	8.77	62.3	252	<DL	19.2	17.8	1.01	47.2	0.541	<DL	20.9	<DL	11.1	<DL	472	<DL	4.91	20.9	3840	0.331	3.98	141	2.23	21	2.81	141
0.362	45700	1050	<DL	22500	7.71	55.1	197	<DL	16	16.3	0.872	46.2	0.501	<DL	21.2	1.3	9.87	<DL	421	<DL	4.39	20.1	3530	0.366	4.17	133	1.93	18.5	2.58	139
0.292	5470	373	<DL	45100	13.9	43.8	15.6	<DL	17	12.8	0.978	67	0.256	<DL	3.39	<DL	6.98	<DL	237	<DL	3.44	28.2	1300	0.395	5.21	50.3	1.68	17	2.18	10.4
0.316	2610	185	<DL	46900	15.9	47.4	5.81	<DL	35.4	13.3	1.26	80.9	0.292	<DL	0.477	5.1	7.37	<DL	259	<DL	3.65	33.2	1140	0.435	5.86	35.4	<DL	17.8	2.34	<DL
0.332	2240	176	<DL	47000	16.2	49.2	3.44	<DL	31.1	13.5	1.29	80.7	0.269	<DL	0.474	3.18	7.71	<DL	267	<DL	3.68	33.6	1120	0.447	6.06	34.2	<DL	18.2	2.22	<DL
0.294	2760	190	<DL	43700	15	47.2	5.98	<DL	29.5	12.1	1.14	73.8	0.304	<DL	1.14	1.77	7.19	<DL	251	<DL	3.52	31.6	1080	0.443	5.71	38.6	<DL	16.8	2.14	<DL
0.313	16200	601	<DL	40600	10.8	31.4	58.4	<DL	34.2	12.5	0.92	49.6	0.311	<DL	15.8	<DL	4.96	<DL	261	<DL	2.42	31.1	2270	0.301	5.84	142	<DL	16.2	2.06	57.7
0.307	14300	585	<DL	44300	13.7	31.8	48.9	<DL	31.8	14.1	1.35	55.8	0.383	<DL	13.7	<DL	5.18	<DL	321	<DL	2.5	46.7	2190	0.325	8.06	134	<DL	17.7	2.31	77.1
0.311	8910	484	<DL	42200	14.8	30.7	23.7	<DL	35.7	13.4	1.61	59.5	0.363	<DL	9.28	<DL	4.87	<DL	314	<DL	2.4	45.8	1620	0.388	9.84	98.7	<DL	16.6	2.14	38.1
0.349	9870	523	<DL	41900	16.2	33.6	27.1	<DL	41.2	14	1.5	59.4	0.339	<DL	10.4	<DL	5.54	<DL	287	<DL	2.63	37.7	1860	0.375	10.4	114	<DL	18.4	2.4	27
0.385	21800	822	<DL	39400	13.4	26.9	71.8	<DL	50.5	15.9	1.18	37.4	0.371	<DL	23	<DL	4.67	<DL	323	<DL	2.42	29	3000	0.31	7.95	209	<DL	19.3	2.45	95
0.409	23300	823	<DL	38100	14	41.7	72	<DL	43	16.5	1.12	45	0.428	<DL	22.4	<DL	6.35	<DL	360	<DL	3.48	48.3	3020	0.33	7.88	203	<DL	19.6	2.59	117
0.496	27500	1310	<DL	19400	5.6	13.3	110	<DL	3.26	20	0.445	66.9	0.402	<DL	38.2	<DL	3.64	<DL	307	<DL	1.67	1.69	6700	0.427	0.363	355	<DL	25.3	3.12	96.2
0.354	29100	967	<DL	34100	10.1	28.5	97.1	<DL	31.8	15.6	0.77	36.2	0.392	<DL	29	<DL	4.9	<DL	323	<DL	2.59	30.6	3400	0.274	5.36	239	<DL	17.2	2.32	127
0.366	25100	872	<DL	34900	11.8	28.8	82.5	<DL	154	16.6	0.94	36.4	0.426	<DL	26.7	<DL	4.57	<DL	339	<DL	2.67	26.6	3160	0.28	6.57	218	<DL	18	2.53	107
0.364	25500	897	<DL	37500	12.5	24.9	81.3	<DL	48.6	16.3	1.36	44.7	0.388	<DL	23	<DL	4.13	<DL	325	<DL	2.2	37.8	3080	0.364	9.03	213	<DL	18.3	2.53	169
0.347	23800	828	<DL	35100	11.2	22.6	74.9	<DL	45.9	15.3	1.17	40.5	0.398	<DL	24.3	<DL	3.92	<DL	303	<DL	2.18	34.9	2840	0.281	7.86	198	<DL	16.8	2.41	114
0.386	17100	906	<DL	36600	17	33.2	68	<DL	45.1	14.3	1.42	36.6	0.269	<DL	19.5	<DL	5.3	<DL	227	<DL	2.91	30.8	3660	0.281	6.56	229	<DL	18.2	2.61	169
0.333	16500	855	<DL	33900	13.3	29.3	64.4	<DL	50.8	13.7	1.12	31.3	0.308	<DL	21.3	<DL	4.98	<DL	251	<DL	2.61	24.1	3490	0.277	6.77	230	<DL	16.4	2.26	116
0.323	25000	953	<DL	22800	10.1	52.3	145	<DL	19.2	13.2	0.998	43.5	0.365	<DL	14.6	<DL	9.34	<DL	277	<DL	4.6	13.4	3570	0.401	4.85	145	<DL	14.3	2.51	193
0.344	15500	755	10.2	31400	14.7	43.6	78.6	<DL	19.2	12.7	1.58	59.3	0.22	<DL	12.4	<DL	7.05	<DL	179	<DL	3.83	34	2500	0.453	10.7	124	<DL	16	2.66	158
0.463	4670	234	<DL	39400	23.4	54.3	9.15	<DL	16.7	18.3	2.65	88.1	0.246	<DL	2.34	<DL	7.93	<DL	211	<DL	4.69	80.2	1330	0.51	13.8	50.6	<DL	24	3.34	66.5
0.429	12000	596	<DL	36800	22.7	44	42.8	<DL	40.2	15.8	1.94	64	0.189	<DL	14.3	<DL	6.91	<DL	157	<DL	3.85	62.1	2460	0.403	13.1	120	<DL	21.8	3.15	140
0.393	6930	367	<DL	37400	21.6	50	18	<DL	25.6	15.6	2.06	73	0.222	<DL	7.32	<DL	6.67	<DL	200	<DL	4.16	81.3	1720	0.412	16.9	73.1	<DL	20.6	3	42.5
0.373	9050	461	<DL	40700	22.1	46.2	28.3	<DL	24.4	15.7	1.89	74.7	0.24	<DL	8.78	<DL	6.74	<DL	210	<DL	3.92	69	1880	0.405	14.8	83.4	1.84	20.8	2.68	72.5
0.308	8090	413	<DL	40300	15.7	41.4	25.4	<DL	22.6	12.6	1.73	71.4	0.218	<DL	6.8	<DL	5.77	<DL	190	<DL	3.43	55.6	1560	0.42	15.5	80.2	<DL	16.6	2.2	88
0.349	11900	626	<DL	39900	13.4	34.4	37.9	<DL	89.2	13.6	1.53	56.2	0.287	<DL	15	<DL	4.92	<DL	244	<DL	2.83	37.9</								

40580	A14-1201-044	GMI14-1438	61400	2.14	<DL	442	2.44	<DL	20200	11.3	108	21	134	0.15	91.1	2.64	4.07	5.07	32200	33.2	10.4	<DL	25700	58.6	10.2
40581	A14-1201-045	GMI14-1439	46000	5.41	<DL	374	2.2	<DL	43800	9.04	45.2	47.5	267	0.116	224	2.62	2.86	4.14	69100	22.7	5.18	<DL	12400	22.8	19.8
40582	A14-1201-046	GMI14-1440	43900	2.99	<DL	303	2.15	<DL	45700	5.87	42.7	43.2	250	0.094	156	2.78	3.01	3.7	66300	15.6	5.28	<DL	10000	20.3	18.3
40583	A14-1201-047	GMI14-1441	43300	4.47	<DL	396	2.21	<DL	45700	9.95	65.9	43.6	252	0.136	216	3.61	4.18	4.81	65400	21	8.2	<DL	14400	29.1	22.7
40584	A14-1201-048	GMI14-1442	52700	2.94	<DL	244	2.1	<DL	42300	10.9	48.1	39.9	223	0.101	183	2.7	2.96	3.13	57400	11.4	5.58	<DL	15700	24.1	14.4
40585	A14-1201-049	GMI14-1443	45000	5.78	<DL	136	2.05	<DL	37100	6.56	60.6	42.7	224	0.188	256	2.5	3.05	2.07	62100	2.56	6.24	<DL	7120	39.1	24.9
40586	A14-1201-050	GMI14-1444	46500	5.93	<DL	200	1.73	<DL	47300	4.78	69.8	46	259	0.148	200	2.64	3.04	2.66	68600	5.44	6.77	<DL	11100	48.5	18.2
40587	A14-1201-051	GMI14-1445	42700	4.69	<DL	228	2.42	<DL	41700	6.28	50.7	43.5	222	0.196	286	2.47	2.74	2.86	64900	9.31	5.36	<DL	10400	28.9	29.4

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40509	A14-1200-025	GMI14-1367	66200	1.64	<DL	910	2.55	<DL	30900	7.24	49.9	23	148	0.271	191	2.62	2.66	7.07	38200	45.1	6.87	<DL	29200	20.4	18
40509	A14-1200-025	GMI14-1367 DUP	63500	2.73	<DL	867	2.37	<DL	29500	7.28	48.1	22.1	143	0.216	188	2.44	2.62	7.04	36300	44.4	6.77	<DL	28400	19.3	16.8
40536	A14-1200-052	GMI14-1394	44000	4.41	<DL	667	2.28	<DL	23800	7.02	50.9	34.9	223	0.126	187	2.65	3.07	6.57	54800	34.2	8.47	<DL	17100	20.7	21.6
40536	A14-1200-052	GMI14-1394 DUP	53000	3.55	<DL	707	2.56	<DL	28300	7.34	54.8	36.3	234	0.289	195	3.19	3.49	7.1	57200	36.7	9.24	<DL	17700	22.7	23.9
40561	A14-1201-025	GMI14-1419	66900	<DL	<DL	630	2.91	<DL	13400	41.8	214	8.85	82.7	0.215	71	3.83	6.15	6.57	22400	54.4	17.1	<DL	31200	119	5.91
40561	A14-1201-025	GMI14-1419 DUP	67700	1.67	<DL	745	2.91	<DL	12900	43.2	228	8.18	83.4	0.247	67.3	4.13	6.4	7.62	22100	65.6	18	<DL	32300	127	5.33
40587	A14-1201-051	GMI14-1445	42700	4.69	<DL	228	2.42	<DL	41700	6.28	50.7	43.5	222	0.196	286	2.47	2.74	2.86	64900	9.31	5.36	<DL	10400	28.9	29.4
40587	A14-1201-051	GMI14-1445 DUP	42700	5.01	<DL	234	2.56	<DL	42400	6.69	53.2	44.7	228	0.152	293	2.53	2.88	2.92	66300	10.4	5.53	<DL	10700	30.2	29.5

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		Certified Values:		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2320	1.4							19800			241000				14000						
		CRM PTM-1a #2		2180	1.97							18600			231000				13200						
		CRM PTM-1a #3		2990	1.6							19300			264000				14800						
		CRM PTM-1a #4		3050	1.78							19000			263000				15400						
		Certified Values:	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>			<b>6000</b>	<b>17</b>
		CRM SU-1b #1	41900	8.34		373	0.296	2.67	23800	5.69	37	688	338	0.286	11800	1.64	1.8	2.67	255000	8.87	5.16			6630	16.5
		CRM SU-1b #2	37500	7.82		342	0.276	2.77	22500	5.23	35.7	654	319	0.311	11100	1.64	1.91	3.1	235000	9.03	5.63			6060	14.2
		CRM SU-1b #3	40400	6.32		343	0.463	2.18	22700	5.86	36.5	634	316	0.293	11900	1.62	1.98	2.99	249000	3.81	4.16			6090	17.1
		CRM SU-1b #4	39200	10.3		342	0.413	2.23	22900	5.82	37	645	318	0.29	12100	1.63	2.11	3.41	246000	4.9	4.39			6140	16.6
		Certified Values:	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	50900	22.6		124		34.1	24000	13.8		157	185	0.488	2560				210000	40.1		1.7	5080	7.39	9.51
		CRM RTS-3a #2	44200	23.1		110		31	22000	13.2		148	170	0.44	2440				188000	35.9		1.51	4510	6.71	7.16
		CRM RTS-3a #3	48800	28		112		29.5	22900	13.4		146	168	0.417	2620				204000	44.8		1.63	4710	7.94	11
		CRM RTS-3a #4	47400	34.6		115		29.8	23500	14.3		151	172	0.444	2690				205000	46.2		1.66	4800	7.74	9.98
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>			<b>1.5</b>	<b>40000</b>			<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	54100	22.7		617	0.923		17500	7.94	93.3	31.4	59.7	2.29	108	5.05			5.36	37000			18000	42.5	14.3
		CRM LKSD-3 #2	47900	21.1		570	0.755		16600	7.93	91.4	30	55.7	2.22	109	4.98			5.78	33500			16600	38.3	11.5
		CRM LKSD-3 #3	56600	28.6		632	1.24		18600	8.38	97.5	31	50.8	2.36	76.5	5.32			6.11	38600			18300	48.4	19.8
		CRM LKSD-3 #4	53500	26.5		607	1.2		18300	8.09	102	30.8	50	2.37	70.5	5.36			6.35	37600			17700	48.4	17.3





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.86	11.2		10.5	10.6		10.2	8.96			10.6		9.71	9.71	10.3		13.8	11.1	10.3		8.94	10.9
		Spike #4		10.1	12.1		7.43	10.7		9.25	10.3			9.76		9.89	9.63	10.3		9.41	12.7	9.08		8.76	6.13
		Spike #7		12.9	10.7		10.3	10.1		10.2	10			10.2		10.4	9.9	10.2		13.1	10.4	10.1		9.76	10.9
		Spike #10		9.22	10.9		8.96	10		9.56	10.8			9.84		10.4	9.98	10.2		8.23	10.8	9.68		10	8.2
		Actual Spike Values:				100						100	100		100										
		Spike #2				93.3						90.5	90.5		89.6										
		Spike #5				83						87.6	87.6		99.8										
		Spike #8				99.2						98.5	99.6		92.6										
		Spike #11				100						101	104		111										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	9940						9620										9130				9710		
		Spike #6	9690						10300										10200				10700		
		Spike #9	10500						10400										10400				10600		
		Spike #12	10300						10700										11000				10800		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-020

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

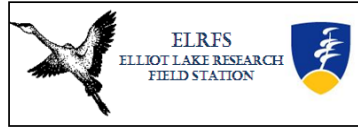
**Client Contact Information:**

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Phone: 705-529-3087 (Mobile)

**Batch: 14-1202 (50) & 14-1211 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 50 + 51  
Dates Analysed/ Analyst: Oct. 22, 2014 - Jan 15, 2015 / Troy Maki  
Submission Date: 2015 01 29

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
40588	A14-1202-001	GMI14-1446	68400	<DL	0.914	572	2.57	<DL	55700	1.9	58.5	44.1	125	0.673	133	5.82	3.66	2.1	106000	29.7	7.07	<DL	10200	30.6	36
40589	A14-1202-002	GMI14-1447	76300	0.419	<DL	943	1.16	<DL	55000	1.53	53.2	52.3	24.4	1.57	188	8.57	5.55	3.1	138000	39.3	8.67	0.081	16600	25.1	27.9
40590	A14-1202-003	GMI14-1448	73100	0.667	<DL	872	1.05	<DL	53700	1.43	51.5	51.4	22.1	1.51	178	8.38	5.35	2.93	134000	37.8	8.48	0.073	16100	23.9	26.2
40591	A14-1202-004	GMI14-1449	76100	<DL	<DL	538	2.1	<DL	50200	1.26	79.4	38.6	72.6	0.433	164	6.27	3.99	2.25	98600	31.3	7.98	<DL	13300	49.6	23.4
40592	A14-1202-005	GMI14-1450	59800	<DL	<DL	239	1.43	<DL	51500	0.286	20.4	46.8	294	0.124	99.7	2.14	1.33	0.928	88600	20.3	2.48	<DL	10500	13.5	27.6
40593	A14-1202-006	GMI14-1451	61100	<DL	<DL	238	2.02	<DL	50000	0.693	38.6	38.5	227	0.175	57.5	2.75	1.63	1.23	74700	21.5	3.98	<DL	10200	20.5	37.2
40594	A14-1202-007	GMI14-1452	60500	<DL	<DL	444	1.28	<DL	46000	0.545	26.5	49.3	291	0.241	107	2.27	1.39	1.22	87600	25.5	2.77	<DL	15100	19	43.8
40595	A14-1202-008	GMI14-1453	57800	<DL	<DL	514	1.1	<DL	51600	0.794	22.5	52.2	286	0.219	153	2.34	1.47	1.28	94000	26	2.67	<DL	13600	14.7	41.2
40596	A14-1202-009	GMI14-1454	65600	<DL	<DL	372	1.98	<DL	36000	1.19	34	35.5	227	0.251	87.3	2.06	1.29	1.24	63200	25.8	3.2	<DL	20300	19.8	42.4
40597	A14-1202-010	GMI14-1455	88800	<DL	<DL	675	3.4	<DL	22300	2.06	71.2	9.3	106	0.179	62.4	2.52	1.5	2.22	23700	38.8	5.92	<DL	50700	33.5	6.71
40598	A14-1202-011	GMI14-1456	81400	<DL	<DL	689	3.66	<DL	27100	1.96	121	12.7	142	0.173	48.1	3.21	1.88	2.53	27900	40.8	8.45	<DL	43900	67.8	8.74
40599	A14-1202-012	GMI14-1457	83700	<DL	<DL	715	3.69	<DL	28000	2	127	13.3	148	0.185	51.2	3.3	1.98	2.61	28600	42.2	8.76	<DL	45400	70.5	8.95
40600	A14-1202-013	GMI14-1458	72100	<DL	<DL	435	0.425	<DL	60300	0.833	24.5	57.4	126	0.48	210	4.61	2.89	1.76	113000	29.3	4.54	<DL	13800	10.2	22.8
40601	A14-1202-014	GMI14-1459	76500	<DL	<DL	716	3.29	<DL	33600	1.36	93.4	18.6	137	0.217	61.4	3.34	1.95	2.55	39500	39.4	7.6	<DL	33400	49.3	16.5
40602	A14-1202-015	GMI14-1460	80000	<DL	<DL	731	3.25	<DL	34400	1.46	86.1	20.3	120	0.199	62.1	3.47	1.99	2.73	42500	40.9	7.85	<DL	32100	41.2	17.2
40603	A14-1202-016	GMI14-1461	87800	<DL	<DL	707	2.88	<DL	19300	1.97	71.3	9.73	70.7	0.195	99	2.75	1.51	2.37	23000	42.3	6.19	<DL	40100	33.3	6.3
40604	A14-1202-017	GMI14-1462	86500	<DL	<DL	551	2.26	<DL	20700	3.12	59.5	13.7	82.3	0.419	150	2.54	1.55	1.77	33000	39.4	5.07	<DL	32200	29.6	8.57
40279	A14-1202-018	GMI14-1463	59600	<DL	<DL	553	2.23	<DL	66700	1.13	81.4	30.7	248	<DL	65.9	4.22	2.34	2.73	61600	31.9	8.61	<DL	9660	39.6	10.5
40280	A14-1202-019	GMI14-1464	59800	<DL	<DL	333	2.34	<DL	82400	1.17	76.8	35.1	299	0.063	56.6	4.48	2.61	2.48	70200	24.8	8.82	<DL	6870	36	14.3
40281	A14-1202-020	GMI14-1465	61700	<DL	<DL	428	1.6	<DL	58200	0.762	52.7	37.6	240	0.077	102	3	1.71	1.84	65300	27.2	5.6	<DL	8810	27.1	12.2
40282	A14-1202-021	GMI14-1466	61100	2.08	<DL	125	0.646	<DL	65300	0.297	14.9	80.7	298	0.143	509	2.1	1.33	0.761	83700	16.5	2.37	<DL	5410	8.33	14.9
40283	A14-1202-022	GMI14-1467	64000	<DL	<DL	282	1.06	<DL	56600	0.713	28	47.5	274	0.162	153	2.26	1.44	1.13	80500	21.4	3.21	<DL	6080	15.7	16.9
40284	A14-1202-023	GMI14-1468	64300	<DL	<DL	380	1.47	<DL	45000	0.759	43.1	42.5	256	0.198	102	2.36	1.45	1.42	72200	25.1	3.93	<DL	7850	26.3	23.4
40285	A14-1202-024	GMI14-1469	65400	<DL	<DL	318	1.07	<DL	58100	0.471	30.1	47.5	229	0.173	106	2.86	1.79	1.39	86500	24	3.62	<DL	6450	17.3	17
40286	A14-1202-025	GMI14-1470	73100	<DL	<DL	777	1.65	<DL	43000	0.942	68.6	28.4	171	0.07	135	3.23	1.96	2.42	60500	38.7	6.16	<DL	9720	42.1	10.1
40287	A14-1202-026	GMI14-1471	95500	<DL	<DL	678	2.64	2.43	9280	1.02	35.5	5.61	111	0.2	63	1.76	1	1.59	17100	42.6	3.26	<DL	32000	18.7	2.58
40288	A14-1202-027	GMI14-1472	79400	<DL	<DL	439	2.08	<DL	54800	0.917	26	37.4	246	0.54	94.3	2.15	1.39	1.28	67700	28.2	3.07	<DL	12200	12.8	27.1
40289	A14-1202-028	GMI14-1473	74200	<DL	<DL	286	2.18	<DL	68300	0.664	29.2	43.1	273	0.325	76	2.52	1.56	1.25	78500	22.6	3.58	<DL	6880	15.6	27.5
40290	A14-1202-029	GMI14-1474	80200	<DL	<DL	277	1.01	<DL	69600	0.298	15.8	49.5	286	0.371	115	2.07	1.32	0.937	82800	21.3	2.12	<DL	9750	9.89	30.8
40291	A14-1202-030	GMI14-1475	75500	<DL	<DL	614	2.26	<DL	55000	1.34	83.5	35.8	196	0.12	74.4	3.6	2.19	2.15	72100	30.6	6.81	<DL	10400	56.5	15.4
40292	A14-1202-031	GMI14-1476	68500	<DL	<DL	488	1.66	<DL	52700	0.943	48.3	45	241	0.051	87.1	2.53	1.57	1.58	79700	27.8	4.27	<DL	5890	32.3	22.2
40293	A14-1202-032	GMI14-1477	72500	<DL	<DL	613	2	<DL	44100	1.24	70.7	36	171	0.04	87.1	3.57	2.12	2.28	74800	32	6.55	<DL	7950	39	15.7
40294	A14-1202-033	GMI14-1478	69300	<DL	<DL	277	1.39	<DL	61800	0.547	37.2	49.5	335	0.113	118	2.89	1.84	1.28	87600	23.3	3.89	<DL	5500	26.2	20.6
40295	A14-1202-034	GMI14-1479	69300	<DL	<DL	799	2.73	<DL	43300	0.925	61.1	33.6	190	0.117	98.2	3.3	1.96	2.38	68100	37.2	5.97	<DL	12300	34.2	19.8
40296	A14-1202-035	GMI14-1480	65200	<DL	<DL	543	1.7	<DL	50300	0.644	48.8	43.2	212	0.113	90.6	3.41	2.07	2	84200	29.8	5.3	<DL	7270	27.2	21.8

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06
0.523	30300	1670	<DL	35700	12.3	26.7	62.1	984	62.1	7.3	0.123	39.7	0.099	0.199	38.2	1.1	5.89	1.42	355	6.8	1.03	6.61	8380	0.213	2.6	352	3.35	31.2	3.51	274
0.761	25900	1960	<DL	24200	13.2	29.5	38	1420	6.97	9.55	0.166	94.5	0.108	0.16	44.6	1.84	7.24	1.78	355	2.11	1.44	4.61	12400	0.442	1.16	428	2.11	48.6	5.17	189
0.748	26000	1910	<DL	24000	12.5	28.2	37.7	1330	4.87	9.39	0.138	97.6	0.103	0.173	44.2	1.8	6.78	1.7	370	<DL	1.37	4.36	12200	0.43	1.09	422	1.76	46.5	5.18	171
0.545	24200	1710	<DL	45400	12.5	30.2	44.7	939	14.4	6.93	0.129	41.5	0.071	0.098	34	1.39	6.2	1.44	273	<DL	1.11	12.1	8560	0.204	4.47	338	1.41	34.6	3.7	117
0.168	32300	1250	<DL	33000	3.85	7.73	102	110	17.2	4.68	<DL	16.5	0.098	<DL	31.6	0.734	1.74	<DL	327	<DL	0.35	1.58	5270	0.122	1.29	313	0.946	9.92	1.28	139
0.21	29200	1120	<DL	33800	5.98	16.1	83.3	187	40.3	6.23	0.062	17.9	0.128	<DL	28.3	<DL	3.25	<DL	427	<DL	0.517	3.42	4540	0.12	2.17	270	<DL	13	1.5	127
0.174	36100	1350	<DL	26100	3.4	9.33	104	116	32.2	6.27	<DL	24.1	0.136	<DL	33.5	0.844	2.06	<DL	436	<DL	0.381	1.03	5070	0.178	0.886	315	<DL	11	1.34	177
0.197	36600	1420	<DL	23600	3.13	8.53	103	161	45.7	7.19	<DL	21.6	0.169	<DL	33.1	<DL	1.99	<DL	524	<DL	0.398	1.14	5190	0.196	1.05	319	<DL	11.4	1.39	198
0.162	29400	1220	<DL	32200	4.81	12.8	77.1	77.3	51.1	4.16	0.128	33.5	0.077	<DL	25.2	0.969	2.63	<DL	272	<DL	0.393	6.03	3950	0.244	3.48	245	<DL	10.2	1.25	158
0.227	11900	545	<DL	48700	9.09	29.7	38.8	375	54.2	3.71	0.2	114	0.054	<DL	4.93	1.16	5.44	0.967	201	<DL	0.606	23.1	1090	0.576	7.65	99	<DL	14.4	1.58	108
0.252	14300	626	<DL	44200	12.7	41	60.4	871	51.4	4.99	0.219	97.8	0.082	<DL	7.04	<DL	6.82	0.935	271	<DL	0.794	36	1770	0.498	7.25	110	<DL	17.9	1.84	103
0.268	14700	651	<DL	45600	13	42.3	62.7	908	51.7	5.13	0.184	102	0.088	<DL	7.41	<DL	7.15	0.967	280	<DL	0.829	35.5	1810	0.523	7.22	114	<DL	18.3	1.85	108
0.379	26900	1430	<DL	20800	6.02	13.9	78.7	540	3.07	6.47	0.072	51.6	0.089	<DL	36.2	0.679	3.69	0.746	289	<DL	0.75	1.56	7820	0.31	0.358	380	<DL	23.2	2.65	129
0.24	17400	719	<DL	42400	10.5	36.1	46	1030	43.4	7.01	0.122	77.5	0.148	<DL	13.4	0.747	6.55	0.91	450	<DL	0.769	17.8	2800	0.404	4.94	152	<DL	17.3	1.69	113
0.233	17300	740	3.12	45800	10.2	37	37	938	60.8	7.62	0.146	74.3	0.163	<DL	15.5	0.64	7.03	0.91	478	<DL	0.814	10.9	3070	0.417	5.14	163	<DL	17.3	1.73	120
0.195	9270	457	<DL	51400	9.36	29.8	15.6	247	57.1	4.32	0.182	93.2	0.078	<DL	8.52	<DL	5.64	0.816	254	<DL	0.658	12.5	1590	0.473	6.41	98	<DL	14.1	1.35	90.1
0.219	11000	551	<DL	49800	8.97	22	18.7	139	55.8	3.86	0.247	77.1	0.059	<DL	10.6	0.7	4.13	<DL	202	<DL	0.545	29.4	1970	0.381	6.56	115	<DL	14.1	1.55	143
0.28	25800	901	<DL	35400	7.38	37.3	58.9	2090	13.5	10.1	0.127	12.9	0.229	<DL	21.3	<DL	7.54	0.873	629	<DL	0.952	7.9	3920	0.078	3.36	206	<DL	19.3	2.02	101
0.323	35900	1050	<DL	32100	7.34	37	69.1	2270	13	10.4	0.111	11.3	0.212	<DL	27.4	<DL	7.8	1.05	605	<DL	0.987	7.38	4270	<DL	3.03	238	<DL	22.4	2.3	102
0.206	27500	977	<DL	32600	5.32	23	115	975	12.2	6.94	0.074	11.6	0.154	<DL	23.2	0.832	4.75	<DL	431	<DL	0.639	5.74	3920	0.074	2.42	221	<DL	14	1.51	101
0.167	34500	1220	<DL	24300	2.28	6.98	819	145	8.02	3.84	<DL	7.27	0.057	<DL	31.3	1.14	1.77	<DL	214	<DL	0.349	1.11	4830	0.06	0.671	290	<DL	10.6	1.27	99
0.184	31800	1140	<DL	30000	3.78	11.4	142	155	13	5.73	0.067	9.91	0.128	<DL	28.8	<DL	2.39	<DL	358	<DL	0.422	2.92	4740	0.074	1.49	279	<DL	11.2	1.35	116
0.175	31900	1090	5.97	33600	4.57	15.7	122	195	14	6.4	0.065	14.8	0.153	<DL	26.2	1.04	3.01	<DL	421	<DL	0.461	4.05	4340	0.096	2.12	256	<DL	11.7	1.28	113
0.223	29000	1140	<DL	31700	4.16	12.6	117	239	11.8	7.39	0.057	12.2	0.154	<DL	30.5	0.942	2.78	<DL	469	<DL	0.5	2.4	5930	0.082	1.26	321	<DL	14.1	1.69	103
0.238	20500	876	5.82	45600	6.79	25.7	64.8	721	16.4	9.88	0.119	14.2	0.24	<DL	21.4	<DL	4.88	<DL	685	<DL	0.678	6.92	4620	0.074	3.15	223	<DL	15.9	1.71	103
0.12	4780	177	<DL	61400	9.41	16	8.94	142	81.5	3.79	0.122	46.9	0.075	<DL	4.74	<DL	3.16	0.749	280	<DL	0.375	7.56	1260	0.206	3.63	55.1	1.34	9.79	0.942	38.6
0.183	32800	956	<DL	37300	6.55	12	103	136	18.2	5.08	0.099	24.6	0.109	<DL	26.2	<DL	2.56	0.708	351	<DL	0.403	6.26	3920	0.145	3.02	236	1	11.7	1.39	99
0.197	38900	1130	<DL	32800	4.58	14.2	117	677	12.3	6.48	0.074	12.5	0.131	<DL	31.5	<DL	3.13	<DL	444	<DL	0.468	2.97	4750	0.084	1.89	270	0.928	13.6	1.47	102
0.172	41800	1140	4.39	29300	2.29	6.95	133	192	10.3	4.98	<DL	17.2	0.104	<DL	33.4	0.999	1.65	<DL	325	<DL	0.333	1.37	4740	0.105	0.972	286	<DL	11.1	1.24	96.9
0.297	32300	1100	4.29	41500	7.66	29	82.4	958	11.4	8.65	0.12	16.7	0.178	<DL	28	0.705	5.26	<DL	563	<DL	0.757	8.22	5440	0.089	3.3	269	0.84	19.4	2.04	120
0.192	29900	1130	<DL	34100	5.35	16.6	119	314	10.9	6.91	0.092	7.12	0.159	<DL	27.9	1.14	3.18	<DL	481	<DL	0.495	5	5210	<DL	2.3	286	<DL	11.9	1.41	122
0.26	23500	1020	<DL	45000	7.2	28.8	74.1	553	12.1	9.68	0.113	12	0.23	<DL	26.7	<DL	5.51	0.764	688	<DL	0.75	6.42	5940	0.064	3.01	294	0.813	17	1.86	116
0.233	30200	1190	<DL	32700	4.43	13.6	114	333	11.5	7.36	0.057	8.93	0.173	<DL	32.3	0.953	2.93	<DL	495	<DL	0.534	2.94	6200	<DL	1.87	332	0.858	14.4	1.66	110
0.247	22300	882	3.23	41500	9.88	25.1	70.9	793	12.3	8.94	0.102	20	0.223	<DL	24.1	1.07	4.84	0.724	624	<DL	0.68	9.68	5400	0.112	7.58	259	<DL	15.9	1.81	106
0.256	27000	1140	<DL	34700	5.69	20.3	91.1	539	13.3	8.98	0.069	12.7	0.209	<DL	29.2	1.12	4.19	<DL	606	<DL	0.669	3.14	6590	0.085	1.89	327	<DL	16	1.83	130

40297	A14-1202-036	GMI14-1481	65400	<DL	<DL	257	1.03	<DL	59100	0.443	34.4	48	172	0.113	201	3.77	2.45	1.28	101000	22.1	4.12	<DL	5970	28.9	13.5
40298	A14-1202-037	GMI14-1482	73600	<DL	<DL	118	0.448	<DL	72100	0.385	14	54.1	185	0.26	133	4.27	2.71	1.13	112000	19.5	3.59	<DL	6110	7.22	10
40299	A14-1202-038	GMI14-1483	71700	<DL	<DL	460	1.38	<DL	52900	0.809	45.7	39.4	169	0.088	115	3.47	2.2	1.88	79700	27.8	4.98	<DL	7410	23.9	11.7
40300	A14-1202-039	GMI14-1484	63000	<DL	<DL	215	0.307	<DL	70100	0.612	17.7	57.2	174	0.351	168	3.31	2.08	1.1	97900	18.8	3.47	<DL	9890	8.17	15.8
40301	A14-1202-040	GMI14-1485	66700	<DL	<DL	279	1.62	<DL	53300	0.772	37.8	49.3	178	0.144	103	3.41	2.13	1.47	93700	24.2	4.5	<DL	7340	21.4	20.9
40302	A14-1202-041	GMI14-1486	64500	<DL	<DL	327	1.49	<DL	50600	0.696	38	42.2	191	0.089	115	3.33	2.11	1.56	84200	24	4.51	<DL	6690	20.9	16.7
40303	A14-1202-042	GMI14-1487	69900	<DL	<DL	432	1.31	<DL	49700	0.626	40.3	40.7	158	0.055	119	3.52	2.24	1.68	83900	26.8	4.74	<DL	8860	25.1	11.8
40304	A14-1202-043	GMI14-1488	72200	<DL	<DL	530	1.38	<DL	33800	0.753	39.1	28.9	191	0.172	108	2.42	1.54	1.59	54600	28.4	3.92	<DL	13700	22.3	10.8
40305	A14-1202-044	GMI14-1489	71600	<DL	<DL	454	1.37	<DL	50300	0.679	44.2	40.5	218	0.082	115	3.32	2.05	1.73	77500	27.5	4.84	<DL	10800	24.9	12.4
40306	A14-1202-045	GMI14-1490	71800	<DL	<DL	421	0.892	<DL	62100	0.355	19.2	51.1	295	0.369	141	2.31	1.52	1.24	87400	24.5	2.65	<DL	10500	12.5	24.7
40307	A14-1202-046	GMI14-1491	71400	<DL	<DL	350	0.918	<DL	62500	0.324	11.6	51.5	306	0.588	77.4	2.19	1.44	1.06	85600	23.2	2.23	<DL	11300	5.65	25
40308	A14-1202-047	GMI14-1492	73300	<DL	<DL	235	0.918	<DL	67100	0.419	16.3	50.8	295	0.685	115	2.43	1.59	0.933	84700	20	2.5	<DL	9100	9.38	20.1
40309	A14-1202-048	GMI14-1493	73900	<DL	<DL	892	1.73	<DL	35400	0.571	23.3	31.4	213	0.176	74.9	1.6	0.996	1.78	54100	40.9	2.44	<DL	17300	14.6	16.4
40310	A14-1202-049	GMI14-1494	73600	<DL	<DL	750	1.39	<DL	44600	0.425	17.3	37.2	236	0.257	78.3	1.79	1.1	1.61	64400	35.9	2.23	<DL	15000	10.2	18.1
40311	A14-1202-050	GMI14-1495	71000	<DL	<DL	460	1.28	<DL	55700	0.432	18.7	46	270	0.353	99.8	2.1	1.35	1.25	77600	27.1	2.49	<DL	11800	10.7	19
40397	A14-1211-001	GMI14-1496	65600	1.07	0.783	566	0.781	<DL	66200	1.76	21.8	53	141	1.03	173	3.56	2.29	1.65	101000	28	3.8	<DL	11400	11.7	33.1
40398	A14-1211-002	GMI14-1497	60900	0.432	<DL	429	0.849	<DL	58800	1.37	20.4	54.5	121	0.601	160	3.94	2.37	1.49	104000	24.5	3.91	0.051	9660	10.5	38
40399	A14-1211-003	GMI14-1498	61500	0.603	<DL	446	0.794	<DL	57300	1.13	22.1	56.9	115	0.49	204	4.16	2.59	1.59	112000	25.6	4.21	0.057	10700	11.5	37
40400	A14-1211-004	GMI14-1499	65900	3.73	<DL	361	0.701	<DL	54500	0.971	21.3	44.5	89	0.628	146	4.79	2.97	1.56	104000	25	4.6	0.063	14300	10.3	20.9
40401	A14-1211-005	GMI14-1500	60300	0.936	<DL	601	0.537	<DL	53700	0.664	15.9	52.7	127	0.536	175	3.1	1.98	1.49	97200	26.6	3.11	<DL	13800	8.08	34.7
40402	A14-1211-006	GMI14-1501	59900	0.578	<DL	625	0.558	<DL	51700	0.534	14.8	54.4	142	0.566	185	2.98	1.86	1.45	98700	26.5	2.93	<DL	13000	7.48	39.2
40403	A14-1211-007	GMI14-1502	56800	0.43	<DL	226	0.889	<DL	65800	0.687	17.8	51	132	0.237	162	3.23	2.04	1.18	95900	20.9	3.31	<DL	4930	9.32	32.9
40404	A14-1211-008	GMI14-1503	61900	0.603	<DL	447	0.645	<DL	58900	0.679	17.5	53.4	143	0.491	166	3.34	2.12	1.41	98500	24.2	3.41	<DL	11800	8.86	35.5
40405	A14-1211-009	GMI14-1504	61600	0.799	<DL	379	0.633	<DL	61100	0.619	17.2	53.2	125	0.429	172	3.34	2.1	1.29	100000	23.1	3.34	<DL	10600	8.74	34.8
40406	A14-1211-010	GMI14-1505	63700	0.702	<DL	431	0.574	<DL	58900	1.03	19	52.7	121	0.429	175	3.62	2.23	1.45	101000	24.6	3.67	<DL	11800	9.67	33.2
40407	A14-1211-011	GMI14-1506	59300	0.712	<DL	334	0.759	<DL	53800	0.842	21.8	52.4	100	0.359	194	3.91	2.46	1.4	102000	22.7	4.1	0.057	8520	11.2	33.2
40408	A14-1211-012	GMI14-1507	59100	0.813	<DL	227	0.781	<DL	57700	0.837	20.1	53.2	139	0.362	183	3.79	2.37	1.28	103000	21.2	3.88	0.056	5160	10.1	37.2
40409	A14-1211-013	GMI14-1508	60200	0.711	<DL	215	0.589	<DL	58700	0.795	18.4	51.8	185	0.37	179	3.69	2.33	1.19	99600	19.5	3.74	0.053	5540	8.98	37
40410	A14-1211-014	GMI14-1509	62500	0.792	<DL	359	0.578	<DL	59900	0.773	18.6	52.1	190	0.368	180	3.75	2.42	1.41	102000	23.5	3.91	0.064	9880	9.12	28.2
40411	A14-1211-015	GMI14-1510	63800	1.27	<DL	373	0.542	<DL	61000	0.793	18.4	53.2	202	0.349	168	3.74	2.41	1.41	103000	24	3.75	0.056	11400	8.93	22.9
40412	A14-1211-016	GMI14-1511	62400	<DL	<DL	383	0.559	<DL	62400	0.733	18.5	53.7	208	0.333	174	3.79	2.41	1.44	105000	24.2	3.79	0.054	11900	8.98	22.8
40413	A14-1211-017	GMI14-1512	59200	<DL	<DL	280	0.561	<DL	59300	0.915	18.3	52.8	179	0.329	175	3.67	2.37	1.28	101000	21.1	3.72	0.057	8920	8.76	26.9
40414	A14-1211-018	GMI14-1513	63200	0.33	<DL	362	0.5	<DL	62500	0.743	16.8	55.4	219	0.299	174	3.5	2.25	1.37	101000	23.5	3.4	<DL	12100	8.03	23.7
40415	A14-1211-019	GMI14-1514	58900	<DL	<DL	299	0.633	<DL	60900	0.589	15.3	53.1	239	0.276	154	3.19	2	1.19	94600	21.1	3.16	0.054	9970	7.41	30.6
40416	A14-1211-020	GMI14-1515	59500	<DL	<DL	299	0.434	<DL	60200	0.636	15.5	55.6	228	0.26	165	3.19	2.01	1.2	99800	21.3	3.23	<DL	10200	7.56	26.9
40417	A14-1211-021	GMI14-1516	61800	<DL	<DL	316	0.427	<DL	63100	0.601	14.6	53	262	0.288	152	2.85	1.82	1.15	91900	21.3	2.98	<DL	11200	7.19	25.2
40418	A14-1211-022	GMI14-1517	60200	<DL	<DL	299	0.472	<DL	63400	0.639	15.7	54.9	242	0.271	158	3.21	2.06	1.23	97500	21.3	3.2	<DL	9910	7.54	27.2
40419	A14-1211-023	GMI14-1518	59700	<DL	<DL	290	0.472	<DL	60800	0.641	16.3	53.2	234	0.259	157	3.33	2.14	1.22	96200	21	3.37	<DL	9720	7.87	24.3
40420	A14-1211-024	GMI14-1519	60600	<DL	<DL	292	0.528	<DL	61700	0.767	17.6	52.8	207	0.258	161	3.56	2.27	1.3	97800	21.5	3.55	<DL	9380	8.38	24.9
40421	A14-1211-025	GMI14-1520	61500	<DL	<DL	345	0.471	<DL	60600	0.646	15.8	54	204	0.264	173	3.18	2	1.26	96400	22.5	3.25	<DL	11500	7.6	22.7
40422	A14-1211-026	GMI14-1521	70400	0.725	<DL	391	0.49	<DL	67500	0.634	13.4	56.3	243	0.488	178	3.04	1.94	1.2	101000	22.1	2.89	<DL	13900	6.9	26.6
40423	A14-1211-027	GMI14-1522	66500	0.652	<DL	350	0.519	<DL	67100	0.588	14.7	55.7	257	0.363	180	3.19	2.01	1.2	100000	21.6	3.04	<DL	12600	7.52	28.1
40424	A14-1211-028	GMI14-1523	64300	0.318	<DL	297	0.599	<DL	66400	0.753	17.2	54.8	223	0.405	170	3.57	2.23	1.25	103000	20.9	3.57	<DL	9970	8.9	31.4
40425	A14-1211-029	GMI14-1524	72500	3.84	<DL	393	0.737	<DL	58700	1.03	22.3	48.1	124	0.718	157	5.1	3.22	1.67	112000	26.7	4.79	0.085	15500	11.1	23
40426	A14-1211-030	GMI14-1525	63900	0.238	<DL	260	0.599	<DL	62600	0.681	16.7	58.5	106	0.402	219	3.64	2.34	1.2	117000	21.7	3.49	0.057	7600	8.69	31.4
40427	A14-1211-031	GMI14-1526	69800	<DL	<DL	284	0.809	<DL	57900	0.795	21.3	51.5	66.9	0.496	203	4.3	2.74	1.45	108000	22.8	4.24	0.054	8050	10.8	30.7
40428	A14-1211-032	GMI14-1527	77300	0.319	<DL	179	1.89	<DL	84400	2	22.7	49.7	55.4	0.676	185	4.48	2.93	1.33	113000	25	4.57	0.069	4940	11.7	32.5
40429	A14-1211-033	GMI14-1528	66300	0.757	<DL	278	0.831	<DL	63800	1.04	25	58.3	73.9	0.893	190	5.21	3.4	1.57	126000	24.1	4.99	0.076	8440	13.1	24.3
40430	A14-1211-034	GMI14-1529	63600	0.43	<DL	253	0.888	<DL	62200	1.17	28.7	58.7	88.9	0.89	182	5.82	3.79	1.67	127000	23.6	5.72	0.081	7810	15	22.8
40431	A14-1211-035	GMI14-1530	66700	0.472	<DL	266																			

0.331	31000	1220	11.9	28400	4.7	11.6	77.4	463	8.7	5.62	<DL	15.3	0.077	<DL	37.7	1.28	2.94	<DL	260	<DL	0.621	3.59	8300	0.092	3.52	401	<DL	19.7	2.37	105
0.379	39200	1280	5.67	21900	3.42	9	84.7	501	6.11	5.27	<DL	20.4	0.055	<DL	45.1	<DL	2.77	<DL	213	<DL	0.654	0.826	9180	0.103	0.503	446	<DL	22.9	2.65	96.4
0.274	24800	969	<DL	38900	6.05	19.1	73	371	12.4	8.15	0.062	14.2	0.181	<DL	29.1	<DL	3.96	<DL	522	<DL	0.658	4.71	6350	0.086	2.29	313	<DL	17.5	1.98	91.7
0.254	34600	1320	<DL	15700	4.24	9.71	112	502	3.72	4.6	0.076	28.1	0.057	<DL	32.9	0.728	2.45	<DL	219	<DL	0.55	1.41	6010	0.218	0.372	281	<DL	15.9	1.9	93.6
0.275	31800	1280	<DL	31700	6.88	15.6	91.4	449	9.54	5.64	0.075	15.3	0.088	<DL	31.5	0.974	3.37	<DL	293	<DL	0.608	4.08	7570	0.093	2.37	370	<DL	16.5	1.96	109
0.271	26800	1040	3.43	34600	5.54	16.3	83.1	422	12.4	6.5	<DL	13.5	0.128	<DL	29.6	1.24	3.46	<DL	383	<DL	0.611	4.3	6450	0.088	2.18	328	<DL	16.1	1.9	93.1
0.29	26400	1020	<DL	38900	5.23	16	63.1	428	17	6.57	<DL	15.4	0.117	<DL	31.1	1.43	3.44	<DL	364	<DL	0.625	4.11	7080	0.094	2.12	345	<DL	17.7	2.13	88.8
0.192	22200	729	<DL	43500	5.27	15.2	66.2	272	16.1	5.62	0.052	27	0.119	0.259	21.8	<DL	2.97	<DL	362	<DL	0.461	6.44	4300	0.144	2.24	214	9.85	12.6	1.42	80.5
0.265	26400	996	<DL	38100	6.22	17.8	88.5	307	16.6	6.2	0.069	21.6	0.105	<DL	30.2	0.713	3.58	<DL	341	<DL	0.632	6.72	6210	0.137	2.67	312	0.843	16.8	1.93	96.4
0.204	43900	1200	14.1	28200	3.23	7.81	141	173	13.4	5.58	<DL	30.7	0.106	<DL	35	<DL	1.84	<DL	340	<DL	0.396	1.52	5330	0.186	0.909	313	<DL	12.4	1.43	107
0.184	42300	1140	<DL	27300	4.22	6.01	151	130	12.8	4.38	<DL	30.6	0.074	<DL	34	<DL	1.67	<DL	262	<DL	0.353	2.03	5310	0.204	1.22	300	<DL	11.3	1.42	95.9
0.219	44300	1130	<DL	26700	4.38	7.04	150	146	12.8	4.57	<DL	26.5	0.07	<DL	36.1	<DL	1.77	<DL	250	<DL	0.385	1.42	5220	0.162	1.34	308	<DL	13.2	1.49	85
0.129	22600	725	<DL	40100	5.66	8.68	87.3	65.5	45.2	6.81	0.077	25.6	0.17	<DL	19.5	<DL	1.83	<DL	495	<DL	0.294	4.24	3400	0.168	2.98	214	<DL	7.73	0.938	93.8
0.14	28200	859	<DL	34600	5.07	7.4	104	84.5	30.1	5.92	<DL	27.5	0.14	<DL	24.2	<DL	1.69	<DL	419	<DL	0.305	3.06	3940	0.16	2.25	241	<DL	8.75	1.04	93.2
0.181	34400	1050	<DL	30600	4.68	8.13	126	117	17.6	5.15	<DL	27.7	0.094	<DL	29.9	<DL	1.93	<DL	313	<DL	0.364	3.88	4770	0.173	2.25	288	<DL	11	1.34	99.9
0.306	30600	1840	<DL	21900	6.8	12.2	96.2	828	171	5.58	0.088	31.4	0.089	0.234	31	<DL	3.11	0.971	296	6.03	0.616	2.18	6870	0.261	0.607	293	4.21	18	2.04	273
0.321	31400	1950	<DL	21900	5.52	11.7	91	787	54.6	5.88	0.091	28.7	0.091	0.096	30.9	<DL	3.04	0.945	292	<DL	0.641	1.76	7180	0.255	0.52	286	2.22	19.2	2.19	228
0.349	32100	2020	<DL	21300	5.94	12.7	93.8	780	28.5	5.62	0.089	33.5	0.076	0.11	33.9	<DL	3.32	1.02	262	<DL	0.676	1.92	8090	0.291	0.568	333	1.96	20.8	2.33	193
0.428	26400	1050	<DL	20400	6.07	13.3	56.7	718	5.25	6.42	0.105	57.1	0.075	0.099	34.9	<DL	3.59	1.05	272	<DL	0.796	1.61	8960	0.36	0.439	370	1.07	25.2	2.8	117
0.268	31600	1630	<DL	17200	4.14	9.15	97	528	6.74	5.08	0.081	41.9	0.09	0.106	31.8	<DL	2.47	<DL	284	<DL	0.518	1.41	6280	0.352	0.393	293	1.27	15.7	1.77	142
0.252	32400	1530	<DL	18300	3.89	8.51	103	485	3.34	5.27	0.053	38.1	0.096	<DL	31.6	<DL	2.33	<DL	295	<DL	0.486	1.25	6550	0.34	0.374	323	1.18	14.6	1.6	137
0.265	26300	1450	<DL	19900	4.55	10.1	93.7	635	28.9	6.41	0.077	13.1	0.126	0.097	27.7	<DL	2.72	<DL	376	<DL	0.544	1.44	6470	0.145	0.438	277	1.19	15.3	1.82	128
0.299	31900	1460	<DL	18600	4.5	9.89	100	613	5.75	5.78	0.079	35.5	0.103	<DL	32.3	<DL	2.6	0.75	313	<DL	0.566	1.5	6430	0.304	0.437	285	0.985	16.8	1.93	117
0.291	30400	1410	<DL	19500	4.39	9.83	94.8	608	6.32	5.83	0.093	31.4	0.096	<DL	31.2	<DL	2.62	0.712	307	<DL	0.555	1.49	6410	0.277	0.433	292	0.983	16.4	1.85	117
0.322	30500	1420	<DL	20000	4.97	10.8	92.9	662	5.63	5.6	0.07	36.9	0.097	0.073	31.9	<DL	2.81	0.742	285	<DL	0.59	1.7	6870	0.318	0.5	295	0.868	18.3	2.15	121
0.332	28400	1490	<DL	22400	5.81	12.1	82.4	732	8.63	6.04	0.098	25.4	0.085	<DL	30.8	<DL	3.22	0.857	283	<DL	0.68	2.16	7490	0.223	0.721	305	0.905	19.2	2.24	119
0.324	27300	1310	<DL	20900	5.22	11.8	83.3	661	9.38	5.96	0.09	13.9	0.099	<DL	31.2	<DL	3.1	0.841	291	<DL	0.644	1.54	6810	0.156	0.446	290	<DL	18.5	2.13	115
0.323	27300	1390	<DL	24000	4.95	11	84	573	3.98	6.26	0.088	17.7	0.109	<DL	29.7	<DL	2.96	0.748	304	<DL	0.629	1.21	6270	0.171	0.336	258	0.867	18.3	2.13	114
0.336	28400	1370	<DL	20400	5.12	11	80.5	576	2.75	5.54	0.084	30.9	0.074	<DL	30.9	<DL	3.02	0.779	256	<DL	0.638	1.24	6290	0.268	0.342	264	0.928	19.3	2.21	117
0.346	29600	1300	<DL	18100	5.1	10.9	84.2	575	2.56	5.19	0.065	35.2	0.065	<DL	32.7	<DL	2.88	0.839	227	<DL	0.626	1.25	6240	0.295	0.337	269	0.803	19.6	2.26	121
0.337	28800	1300	<DL	17000	5.18	11.1	84.4	566	2.31	5.2	0.085	35.3	0.075	<DL	32.5	<DL	2.95	0.87	225	<DL	0.635	1.22	6320	0.32	0.335	270	<DL	19.4	2.29	111
0.325	28000	1320	<DL	19000	5.11	10.8	83.7	563	2.14	5.33	0.072	25.7	0.071	<DL	30	<DL	2.96	0.812	236	<DL	0.632	1.19	6180	0.241	0.318	260	<DL	18.6	2.2	126
0.309	30600	1310	<DL	15300	4.65	10.1	97.7	531	2.7	4.8	0.077	33.2	0.062	<DL	31.5	<DL	2.79	0.807	198	<DL	0.593	1.1	5810	0.306	0.306	260	<DL	17.8	2.07	115
0.277	29200	1290	<DL	16700	4.36	9.12	102	491	2.03	4.6	0.076	26	0.056	<DL	28.6	<DL	2.51	0.708	214	<DL	0.535	0.961	5400	0.257	0.278	240	<DL	15.4	1.83	105
0.286	29700	1300	<DL	15400	4.35	9.24	100	490	2.12	4.48	0.081	26.1	0.054	<DL	29.3	<DL	2.52	<DL	188	<DL	0.55	1.04	5520	0.264	0.286	244	<DL	15.8	1.88	109
0.273	31800	1190	<DL	14700	3.79	8.54	107	438	2.16	4.34	0.062	30.6	0.058	<DL	29.7	<DL	2.32	<DL	200	<DL	0.491	0.947	4880	0.271	0.263	229	<DL	14.8	1.71	98.4
0.279	29100	1230	<DL	15300	4.41	9.28	106	512	2.24	4.61	0.057	25.2	0.056	<DL	27.8	<DL	2.52	<DL	204	<DL	0.541	1	5500	0.255	0.286	238	<DL	15.9	1.86	105
0.301	29100	1220	<DL	14900	4.45	9.62	101	513	2.05	4.56	0.087	26.6	0.052	<DL	29.2	<DL	2.58	<DL	186	<DL	0.549	1.03	5540	0.247	0.282	242	<DL	16.5	1.9	104
0.316	28100	1230	<DL	15500	4.87	10.4	95.1	545	2.31	4.95	0.079	26.1	0.057	<DL	28.8	<DL	2.83	0.708	205	<DL	0.598	1.15	5630	0.244	0.31	243	<DL	18	2.15	107
0.27	29500	1260	<DL	14200	4.3	9.31	98.1	472	2.07	4.34	0.066	31.3	0.051	<DL	29.5	<DL	2.54	0.72	195	<DL	0.534	1.02	5570	0.284	0.277	262	<DL	15.9	1.8	108
0.273	35900	1360	<DL	15300	5.01	8.32	106	577	2.13	4.32	0.07	38	0.056	<DL	33.4	<DL	2.27	<DL	201	<DL	0.497	1.04	5440	0.308	0.252	254	0.986	15.8	1.79	110
0.284	32900	1350	<DL	15800	4.29	8.93	106	599	2.31	4.38	0.084	32.3	0.052	<DL	32.3	<DL	2.46	<DL	205	<DL	0.519	1.02	5660	0.288	0.271	248	<DL	16.3	1.86	110
0.308	30100	1350	<DL	19600	4.95	10.5	94.7	677	1.98	4.77	0.076	26.4	0.059	<DL	30	<DL	2.83	0.824	216	<DL	0.596	1.15	6140	0.247	0.326	244	<DL	18	2.1	113
0.466	29500	1660	<DL	22900	6.57	14.1	65.1	860	5.76	6.96	0.098	62.8	0.099	0.096	38.1	<DL	3.81	1.13	305	<DL	0.836	1.72	9560	0.36	0.471	394	<DL	27.8		

40442	A14-1211-046	GMI14-1541	78700	<DL	<DL	292	0.722	<DL	63400	1.03	24.8	49.6	71.9	0.674	174	4.88	3.21	1.61	112000	25.3	4.93	0.063	11100	12.3	20.3
40443	A14-1211-047	GMI14-1542	71300	0.241	<DL	242	0.714	<DL	68000	0.901	21.5	52.1	111	0.591	160	4.32	2.75	1.44	107000	22.2	4.36	0.056	9060	10.8	22.1
40444	A14-1211-048	GMI14-1543	69500	<DL	<DL	250	0.637	<DL	63100	0.938	20.9	56	150	0.449	190	4.26	2.71	1.38	111000	22.5	4.26	0.063	10200	10.3	20
40445	A14-1211-049	GMI14-1544	71000	<DL	<DL	259	0.608	<DL	64000	0.85	20.4	56	143	0.389	189	4.18	2.66	1.35	111000	22.8	4.09	0.059	10800	10	20.2
40446	A14-1211-050	GMI14-1545	71900	<DL	<DL	230	0.672	<DL	67600	0.564	14.9	52	146	0.413	164	3.08	1.96	1.2	103000	21.1	3.23	<DL	10000	7.75	23.1
40447	A14-1211-051	GMI14-1546	69700	<DL	<DL	223	0.649	<DL	66500	0.952	21.2	55.2	165	0.566	170	4.29	2.76	1.42	110000	21.7	4.35	0.069	9020	10.6	22

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40286	A14-1202-025	GMI14-1470	73100	<DL	<DL	777	1.65	<DL	43000	0.942	68.6	28.4	171	0.07	135	3.23	1.96	2.42	60500	38.7	6.16	<DL	9720	42.1	10.1
40286	A14-1202-025	GMI14-1470 DUP	72700	<DL	<DL	747	1.64	<DL	42500	0.954	69.6	28	162	0.09	130	3.18	1.93	2.38	60100	38	6.12	<DL	9480	42.1	10.2
40311	A14-1202-050	GMI14-1495	71000	<DL	<DL	460	1.28	<DL	55700	0.432	18.7	46	270	0.353	99.8	2.1	1.35	1.25	77600	27.1	2.49	<DL	11800	10.7	19
40311	A14-1202-050	GMI14-1495 DUP	70100	<DL	<DL	461	1.31	<DL	55000	0.476	18.8	46.2	274	0.338	101	2.18	1.38	1.3	78300	27.4	2.64	<DL	11900	10.8	18.4
40421	A14-1211-025	GMI14-1520	61500	<DL	<DL	345	0.471	<DL	60600	0.646	15.8	54	204	0.264	173	3.18	2	1.26	96400	22.5	3.25	<DL	11500	7.6	22.7
40421	A14-1211-025	GMI14-1520 DUP	63300	<DL	<DL	344	0.468	<DL	61000	0.625	15.9	53.9	208	0.295	172	3.23	2.06	1.27	97300	22.5	3.18	<DL	11500	7.62	23.7
40447	A14-1211-051	GMI14-1546	69700	<DL	<DL	223	0.649	<DL	66500	0.952	21.2	55.2	165	0.566	170	4.29	2.76	1.42	110000	21.7	4.35	0.069	9020	10.6	22
40447	A14-1211-051	GMI14-1546 DUP	64000	<DL	<DL	223	0.65	<DL	64300	0.962	20.9	55.6	169	0.325	171	4.14	2.65	1.37	110000	21.6	4.23	0.057	8920	10.4	19.9

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02	
		Certified Values:		2200	3.3							20500			249600				14800							
		CRM PTM-1a #1		2500	2.72							20300			238000				15100							
		CRM PTM-1a #2		2500	3.27							20100			234000				15100							
		CRM PTM-1a #3		2400	2.97							18700			218000				14800							
		CRM PTM-1a #4		2460	2.18							18800			220000				17200							
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17		
		CRM SU-1b #1	52200	0.435		409	0.477	2.47	27000	3.81	35.1	640	334	0.289	10400	1.54	0.83	1.2	263000	18.3	3.2		7900	18.5		
		CRM SU-1b #2	50900	1.45		407	0.449	2.5	26300	3.94	35.2	634	340	0.3	10400	1.55	0.826	1.19	260000	18.4	3.34		7710	18.5		
		CRM SU-1b #3	47400	3.95		373	0.576	1.82	24000	3.73	28.3	579	330	0.273	9690	1.37	0.722	1.07	243000	16.7	2.92		7070	16.3		
		CRM SU-1b #4	47300	2.8		371	0.577	2.26	24400	3.62	28.4	579	351	0.277	9670	1.33	0.716	1.08	242000	16.6	2.91		7140	16.4		
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10	
		CRM RTS-3a #1	58900	19.1		126		34.5	24900	10.3		150	186	0.433	2140				207000	43.6		1.73	5560	7.95	13.1	
		CRM RTS-3a #2	63300	18.4		136		36.5	26400	10.9		160	201	0.466	2300				219000	47.5		1.84	5990	8.48	14	
		CRM RTS-3a #3	60100	18.7		129		31.8	25400	10.9		150	196	0.447	2150				210000	46.6		1.82	5660	8.15	16.1	
		CRM RTS-3a #4	59600	17.3		126		32.3	25000	10.8		148	193	0.445	2120				207000	45.5		1.79	5660	7.54	16.1	
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25	
		CRM LKSD-3 #1	72000	19.6		720	1.36		19400	1.36	96.2	32.2	69.1	2.59	40.7	5.16		2.36	42700				21900	52.4	24.4	
		CRM LKSD-3 #2	71900	21.2		736	1.4		19100	1.42	95	31.8	67.8	2.63	39.9	5.29		2.39	41900				21800	53.4	24.4	
		CRM LKSD-3 #3	66400	19.6		678	1.62		17900	1.38	77.3	29.2	57.4	2.43	36.9	4.6		2.06	39400				19700	47.6	27.5	
		CRM LKSD-3 #4	69300	20.1		697	1.64		18400	1.37	79.2	30.2	59.7	2.49	41.3	4.61		2.12	40600				20800	49.5	28.6	





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		7.24	11		9.68	10.2		9.89	10.6			10.2		10.5	10.5	10.4		10.4	10.3	9.97		10.1	9.65
		Spike #4		7.86	11.5		8.25	10.5		9.95	11.6			10.4		10.7	10.6	10.7		9.91	10.7	10		10.6	8.47
		Spike #7		8.44	11.1		10.5	10.1		9.88	9.72			10.1		9.93	10.1	9.97		10.7	9.94	10.1		9.83	10.5
		Spike #10		9.57	10.6		9.99	9.72		10.1	9.25			10.1		9.46	9.6	9.49		9.87	9.59	10.1		9.98	10.1
		Actual Spike Values:				100						100	100		100										
		Spike #2				99.9						102	102		101										
		Spike #5				92.6						94.6	94.6		93.7										
		Spike #8				99.1						96.3	97.8		95										
		Spike #11				87.7						84.5	81.2		84.9										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10800						10800										10800				10900		
		Spike #6	9540						9680										9700				9740		
		Spike #9	10200						10200										9950				10400		
		Spike #12	11300						11100										12800				11400		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-021

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

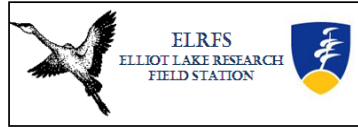
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1210 (50) & 14-1212 (33) & 14-1311 (3)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 50 + 33 + 3  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 16, 2015 / Troy Maki  
Submission Date: 2015 01 29

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
40345	A14-1210-001	GMI14-1547	61900	0.475	0.513	170	0.465	<DL	63200	0.228	8.2	49.8	303	0.164	124	1.96	1.28	0.767	80000	16.7	1.73	<DL	5450	5.24	19.5
40346	A14-1210-002	GMI14-1548	67900	0.81	<DL	115	0.491	<DL	79400	0.231	6.76	47.3	306	0.227	109	2.12	1.38	0.703	77200	17.3	1.77	<DL	4170	3.6	19.2
40347	A14-1210-003	GMI14-1549	60400	0.897	<DL	114	0.795	<DL	56000	0.216	11.1	47.1	284	0.304	84.4	2.05	1.3	0.735	77800	16.4	2	<DL	4750	6.11	33
40348	A14-1210-004	GMI14-1550	62400	0.821	<DL	158	1.44	<DL	47600	0.543	24.8	38.7	227	0.168	72.8	2.06	1.32	0.869	65600	18.3	2.83	<DL	6970	14	16.3
40349	A14-1210-005	GMI14-1551	68800	0.705	<DL	289	1.06	<DL	51300	0.606	24.5	41.6	232	0.435	81.9	2.11	1.33	1.09	70000	22.2	2.68	<DL	10100	14.7	24.8
40350	A14-1210-006	GMI14-1552	60500	4.77	<DL	343	0.454	<DL	48400	1	26.2	45.4	89.2	0.5	150	5.26	3.26	1.82	101000	25.9	5.38	0.078	12400	10.7	16.1
40351	A14-1210-007	GMI14-1553	61400	1.08	<DL	269	0.753	<DL	48500	0.41	23.1	43.2	256	0.323	97.1	1.96	1.26	1.03	66700	21.5	2.41	<DL	7740	14.3	12.6
40352	A14-1210-008	GMI14-1554	59900	0.84	<DL	110	0.232	0.343	55400	0.211	6.4	52.4	311	0.221	157	2.01	1.31	0.72	83700	16.4	1.68	<DL	4240	2.79	22.8
40353	A14-1210-009	GMI14-1555	65400	0.639	<DL	155	0.396	<DL	62500	0.253	10.8	46.5	257	0.252	103	2.09	1.36	0.755	71500	16.8	1.94	<DL	5030	5.78	12.8
40354	A14-1210-010	GMI14-1556	68200	0.838	<DL	170	0.585	<DL	66100	0.343	9.18	47.3	264	0.265	80	2.14	1.4	0.847	73200	19.1	1.93	<DL	4800	4.42	18.2
40355	A14-1210-011	GMI14-1557	67900	1.05	<DL	124	0.534	<DL	69500	0.319	7.48	50.8	279	0.585	123	2.23	1.42	0.776	79200	16.8	1.89	<DL	5960	3.16	20.6
40356	A14-1210-012	GMI14-1558	63800	0.573	<DL	182	0.311	<DL	59300	0.31	8.87	48.4	267	0.208	99.4	2.15	1.38	0.901	74700	18.2	1.99	<DL	4720	3.61	14.4
40357	A14-1210-013	GMI14-1559	65800	0.381	<DL	479	1.07	<DL	42500	0.327	18.4	36.5	225	0.398	70.1	1.94	1.22	1.45	59300	28.3	2.49	<DL	7940	10	19
40358	A14-1210-014	GMI14-1560	53400	0.975	<DL	173	1.46	<DL	35900	0.536	24.2	43.3	235	0.192	144	1.97	1.23	0.903	67500	18.6	2.57	<DL	4940	13.9	21.7
40359	A14-1210-015	GMI14-1561	60100	0.933	<DL	189	1.23	0.395	51400	0.607	22.6	44.7	246	0.143	321	2.37	1.54	1.03	69800	19.2	2.99	<DL	6280	10.5	12.7
40360	A14-1210-016	GMI14-1562	71300	0.759	<DL	314	1.98	<DL	18600	0.948	35.7	24.3	142	0.081	60	2.15	1.23	1.44	39100	29	3.78	<DL	10700	17.1	13.4
40361	A14-1210-017	GMI14-1563	65800	0.623	<DL	217	1.44	0.377	44800	0.842	17.5	35.4	221	0.149	118	1.97	1.25	1.02	58600	22.5	2.37	<DL	8220	9.5	18.2
40362	A14-1210-018	GMI14-1564	56400	0.502	<DL	158	0.35	<DL	55000	0.282	10	48.6	267	0.113	103	2.04	1.29	0.805	74400	16	1.88	<DL	4720	6.53	10.7
40363	A14-1210-019	GMI14-1565	61900	0.669	<DL	203	0.419	<DL	53800	0.33	13.4	47	258	0.187	102	2.08	1.31	0.935	73100	18.6	2.28	<DL	6360	7.08	13.9
40364	A14-1210-020	GMI14-1566	61600	0.674	<DL	166	0.617	<DL	57700	0.611	13.6	45.8	256	0.225	135	2.18	1.38	0.827	70900	18	2.37	<DL	5120	6.25	16
40365	A14-1210-021	GMI14-1567	56100	0.77	<DL	220	1.24	<DL	40500	0.412	34.8	38.1	230	0.125	99.5	2.07	1.27	1.16	62000	19.1	3.39	<DL	3870	22.2	13.7
40366	A14-1210-022	GMI14-1568	63200	0.921	<DL	105	0.138	<DL	57100	0.216	5.74	52.1	281	0.316	123	2.1	1.31	0.692	82200	15.4	1.77	<DL	5040	2.58	21.5
40367	A14-1210-023	GMI14-1569	69700	0.968	<DL	207	0.242	<DL	65800	0.28	9.99	49.8	276	0.183	109	2.24	1.49	0.898	74000	18.9	2.17	<DL	3650	4.92	10.7
40368	A14-1210-024	GMI14-1570	60200	1.24	<DL	293	1.52	<DL	46700	0.563	49	40.4	262	0.117	116	2.15	1.39	1.38	63500	23.5	4.07	<DL	6400	32.5	14.1
40369	A14-1210-025	GMI14-1571	57700	0.878	<DL	110	0.632	<DL	48800	0.395	12.7	48.9	301	0.151	93.1	1.89	1.22	0.715	76300	15.7	2.04	<DL	3980	8.09	22.6
40370	A14-1210-026	GMI14-1572	55400	1.26	<DL	227	1.46	<DL	36800	0.758	37.3	39	212	0.181	93.9	1.85	1.14	1.02	61900	20.3	3.02	<DL	7960	27.2	21.4
40371	A14-1210-027	GMI14-1573	57300	0.58	<DL	205	1.25	<DL	42900	0.602	35.7	39.4	219	0.158	135	1.86	1.22	0.98	62800	19.4	3.11	<DL	6850	25.5	19.6
40372	A14-1210-028	GMI14-1574	56100	0.58	<DL	202	0.894	<DL	47900	0.413	27.5	43.3	234	0.191	118	1.96	1.19	0.962	71600	19.3	2.71	<DL	5150	18.6	30
40373	A14-1210-029	GMI14-1575	55200	0.742	<DL	309	1.21	<DL	34300	0.51	28.1	41.4	233	0.192	109	1.84	1.16	1.11	68100	21.7	2.73	<DL	8730	17.2	31.2
40374	A14-1210-030	GMI14-1576	53700	0.408	<DL	302	1.2	<DL	32300	0.488	26.2	39.7	224	0.173	104	1.76	1.05	1.04	65300	21.1	2.61	<DL	8390	16.5	29.6
40375	A14-1210-031	GMI14-1577	59000	4.4	<DL	340	0.398	<DL	47200	1.07	25.3	44	87	0.515	146	5.08	3.16	1.76	98900	25.2	5.19	0.064	12100	10.7	14.3
40376	A14-1210-032	GMI14-1578	54600	0.931	<DL	350	1.2	<DL	34900	0.559	34.1	37.3	217	0.137	67.5	2.17	1.25	1.41	59900	22.3	3.62	<DL	6940	17.8	22.9
40377	A14-1210-033	GMI14-1579	58800	0.3	<DL	340	1.43	<DL	30400	0.843	38.5	31.7	197	0.102	68.6	2.08	1.21	1.51	53100	23.3	3.82	<DL	7000	20.5	18.8
40378	A14-1210-034	GMI14-1580	55600	0.217	<DL	283	1.21	<DL	34300	0.683	28.3	34.2	203	0.124	109	1.87	1.15	1.29	57000	21	3.03	<DL	6990	13.9	18.5
40381	A14-1210-035	GMI14-1581	53000	0.83	<DL	300	0.412	<DL	48000	0.791	25.7	48.6	104	0.425	177	4.19	2.53	1.58	91200	22.3	4.52	0.057	9650	11	16.1

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.181	32200	1060	<DL	19300	3.97	4.3	147	66.8	13.3	4.2	<DL	11.1	0.102	<DL	32.4	<DL	1.25	<DL	234	8.96	0.316	0.712	4560	0.173	0.329	274	2.44	10.2	1.22	96.1	
0.203	37900	1130	<DL	22200	2.29	4.21	148	58.3	6.83	3.94	<DL	10.9	0.079	<DL	36.1	<DL	1.35	<DL	204	<DL	0.32	<DL	4430	0.134	0.199	272	1.74	11.5	1.38	84	
0.18	34800	1020	<DL	17800	2.41	5.66	146	63.8	9.6	4.84	<DL	9.59	0.114	<DL	31.6	<DL	1.49	<DL	256	<DL	0.321	<DL	4400	0.128	0.418	264	1.66	10.2	1.25	101	
0.188	30900	931	<DL	28400	4.67	9.37	119	20.2	8.94	3.94	0.064	13.6	0.09	<DL	27.2	<DL	1.92	<DL	206	<DL	0.361	7.99	3680	0.131	3.06	227	1.32	10.5	1.27	91	
0.203	33600	909	<DL	25400	4.74	8.39	122	3.14	35.3	4.43	0.071	28.3	0.114	<DL	29.4	<DL	1.79	<DL	237	<DL	0.35	11.8	3840	0.23	3.67	230	1.29	11	1.37	93.4	
0.449	24200	1400	<DL	18700	6.78	15	64.7	525	5.95	6.62	0.1	54.1	0.12	0.105	34.1	<DL	4.08	1.1	244	<DL	0.879	1.7	8260	0.345	0.429	373	0.933	25.8	3	112	
0.172	24300	874	4.24	24400	3.48	7.64	129	<DL	15.4	3.71	0.063	18.4	0.082	<DL	26.4	<DL	1.69	<DL	187	<DL	0.336	7.67	3920	0.164	1.73	237	0.952	9.7	1.2	86.7	
0.175	31200	964	<DL	14900	1.71	4.13	161	43.3	13.8	4.12	<DL	9.32	0.092	<DL	30.6	<DL	1.23	<DL	211	<DL	0.301	<DL	4700	0.118	0.195	277	0.888	9.61	1.21	91.5	
0.202	35100	1000	<DL	23600	1.9	5.03	139	10.3	8.5	3.93	<DL	19.1	0.085	<DL	33.7	<DL	1.47	<DL	182	<DL	0.321	3.68	4080	0.139	0.872	250	<DL	11.1	1.35	83	
0.2	35700	1020	10.2	22200	2.47	5.03	141	18.4	7.45	4.59	<DL	16.5	0.106	<DL	33	<DL	1.48	<DL	230	<DL	0.325	0.964	4060	0.118	0.637	259	<DL	11.4	1.33	86.1	
0.208	40500	1040	14.8	17500	2.69	4.63	152	29.2	5.64	3.81	<DL	24.9	0.083	<DL	35.7	<DL	1.46	<DL	172	<DL	0.352	0.854	4320	0.17	0.564	270	<DL	12	1.41	84.2	
0.188	31600	973	7.67	22600	1.99	5.22	147	33.7	5.71	4.39	<DL	14.2	0.1	<DL	32.4	<DL	1.55	<DL	211	<DL	0.351	<DL	4320	0.113	0.333	265	<DL	11.2	1.35	84.7	
0.161	24000	742	<DL	29000	3.73	7.76	115	<DL	15.3	8.13	<DL	18.6	0.238	<DL	24.7	<DL	1.86	<DL	461	<DL	0.35	1.71	3460	0.156	1.47	211	<DL	9.73	1.12	86	
0.169	24000	872	21.4	26900	4.63	8.3	125	<DL	12.4	4.36	<DL	12.1	0.113	<DL	23	<DL	1.91	<DL	233	<DL	0.338	2.57	3740	0.141	2.18	233	<DL	9.27	1.18	123	
0.223	28300	949	10.4	28700	4.89	10.1	129	24.3	11.9	4.25	<DL	12.9	0.1	<DL	26.7	<DL	2.39	<DL	206	<DL	0.423	3.43	3970	0.124	1.82	244	<DL	12.4	1.49	103	
0.154	14800	535	9.05	46400	7.32	16	66.8	87.4	10.5	4.83	0.113	19.2	0.12	<DL	14	<DL	3.3	<DL	250	<DL	0.437	5.78	2380	0.148	3.24	149	<DL	9.92	1.09	93.6	
0.185	26700	760	<DL	32600	3.89	7.52	109	<DL	113	4.19	0.097	17.2	0.105	<DL	23.6	<DL	1.75	<DL	216	<DL	0.341	4.28	3250	0.146	2.15	210	<DL	10.2	1.23	103	
0.181	32300	984	3.19	21900	1.79	4.52	148	20.5	6.63	3.26	<DL	11.1	0.069	<DL	29.6	<DL	1.48	<DL	148	<DL	0.317	<DL	4300	0.101	0.274	255	<DL	10	1.23	92.3	
0.183	32300	995	<DL	25400	2.23	6.36	143	37.2	7.57	4.66	<DL	16.3	0.112	<DL	29.2	<DL	1.62	<DL	238	<DL	0.344	0.844	4110	0.137	0.64	254	<DL	10.5	1.24	102	
0.196	31900	982	7	25600	2.86	6.88	139	13.7	8.91	4.79	0.055	12.3	0.121	<DL	29	<DL	1.78	<DL	243	<DL	0.357	1.37	4050	0.114	1	241	<DL	10.9	1.37	101	
0.16	24700	887	<DL	27100	4.06	12.1	114	54.3	8.91	5.82	<DL	8.8	0.154	<DL	22.5	<DL	2.43	<DL	312	<DL	0.39	2.33	3510	0.092	1.51	213	<DL	9.59	1.17	101	
0.193	37800	1010	<DL	13800	1.49	3.89	160	31.7	6.22	2.71	<DL	17.3	0.046	<DL	32.9	<DL	1.32	<DL	104	<DL	0.313	<DL	4560	0.124	0.074	274	1.08	10.5	1.29	88.4	
0.211	33000	965	<DL	21900	1.8	5.28	152	24.7	7.18	3.87	<DL	11.4	0.083	<DL	35.1	<DL	1.55	<DL	170	<DL	0.356	0.836	4380	0.079	0.333	277	<DL	11.8	1.42	90	
0.174	24900	922	<DL	27600	5.52	14.4	127	52.3	25.4	5.84	0.055	11.3	0.16	<DL	24.2	<DL	2.63	<DL	305	<DL	0.429	5.64	3820	0.103	2.74	226	<DL	10.6	1.31	128	
0.178	29900	1010	<DL	19800	2.17	5.38	147	27.2	18.7	3.65	<DL	7.82	0.092	<DL	28	<DL	1.47	<DL	182	<DL	0.296	0.962	4300	0.086	0.723	258	<DL	9.35	1.15	128	
0.151	25400	887	<DL	25900	5.41	10.9	114	35.9	48.5	4.06	0.079	13.4	0.106	<DL	22.1	<DL	2.01	<DL	225	<DL	0.354	8.06	3740	0.141	3.89	210	1.14	8.75	1.09	148	
0.168	27600	904	<DL	25800	4.02	11	117	39.9	36	4.62	0.073	12.8	0.115	<DL	23.9	<DL	2.04	<DL	235	<DL	0.366	6.8	3710	0.117	3.24	215	0.912	9.25	1.13	130	
0.153	31200	997	<DL	18600	2.89	9.07	130	64.8	16.4	5.55	<DL	10.7	0.158	<DL	25.9	<DL	1.87	<DL	315	<DL	0.348	2.1	4020	0.111	1.83	236	0.849	9.29	1.09	141	
0.154	28500	986	<DL	23200	4.43	9.35	128	55.6	12.6	4.71	0.055	17.8	0.12	<DL	23.2	<DL	1.89	<DL	252	<DL	0.333	4.08	4080	0.169	2.65	228	<DL	8.44	1.08	145	
0.136	27600	941	<DL	22700	4.22	8.65	121	26.8	13.1	4.27	0.05	16.9	0.117	<DL	22.2	<DL	1.9	<DL	243	<DL	0.308	4.43	3910	0.159	2.39	216	<DL	8.07	0.996	139	
0.426	23000	1370	<DL	18400	6.71	14.8	62.9	528	5.52	6.35	0.069	53.6	0.114	0.1	32.2	<DL	3.91	1.09	238	<DL	0.856	1.63	8150	0.328	0.428	367	<DL	25.1	2.91	109	
0.16	22100	887	<DL	28800	4.84	13.7	116	107	11	6.44	0.057	14.6	0.186	<DL	20.6	<DL	2.7	<DL	381	<DL	0.43	4.1	3640	0.158	1.96	210	<DL	9.27	1.15	114	
0.156	19100	788	8.31	34200	5.87	15.1	97.2	71.1	12.6	8.03	0.086	15.4	0.233	<DL	18.2	<DL	2.89	<DL	478	<DL	0.423	4.68	3200	0.149	3.17	196	<DL	9.37	1.07	121	
0.151	22400	858	3.69	30000	5.56	11.3	105	74.8	15.7	7.44	0.078	17.8	0.213	<DL	19.6	<DL	2.44	<DL	407	<DL	0.366	3.69	3220	0.141	2.28	200	<DL	8.84	1.07	109	
0.337	24900	1110	<DL	15900	5.81	13.2	89.9	492	4.34	6.32	0.097	34.7	0.119	<DL	28.9	<DL	3.4	0.906	246	<DL	0.697	2.1	6170	0.248	0.64	282	<DL	19.3	2.35	103	

40382	A14-1210-036	GMI14-1582	53400	1.38	<DL	344	0.397	<DL	46700	0.968	28.4	50.5	79.6	0.379	183	4.7	2.91	1.87	97300	24.1	5.13	0.069	9950	11.9	17.2
40383	A14-1210-037	GMI14-1583	50100	1.34	<DL	325	0.468	<DL	47100	1.07	33	54.9	74.4	0.425	207	5.59	3.46	1.97	111000	24.1	5.93	0.085	8690	13.9	17.6
40384	A14-1210-038	GMI14-1584	48500	2.09	<DL	310	0.433	<DL	45000	1.13	31.6	54.6	73.2	0.376	217	5.28	3.3	1.87	109000	23.4	5.72	0.076	8270	13.4	17.6
40385	A14-1210-039	GMI14-1585	50000	2.41	<DL	332	0.428	<DL	43800	1.07	31.1	54.5	75.5	0.469	212	5.11	3.24	1.87	107000	24	5.6	0.076	8780	13.2	18
40386	A14-1210-040	GMI14-1586	50900	2.68	<DL	348	0.498	<DL	43800	1.18	32.7	56.8	82.9	0.437	196	5.52	3.39	1.97	111000	24.8	5.89	0.076	9150	13.9	17.5
40387	A14-1210-041	GMI14-1587	46200	1.98	<DL	552	1.28	<DL	37000	1.34	35.1	66.9	97.1	0.375	220	5.61	3.46	2.74	125000	32.6	6.24	0.088	7180	14.8	33.4
40388	A14-1210-042	GMI14-1588	46100	1.74	<DL	919	0.85	<DL	36600	1.89	29.6	56.5	86.5	0.313	204	4.7	2.94	2.82	107000	39.6	5.33	0.078	8770	12.4	24.1
40389	A14-1210-043	GMI14-1589	45600	1.44	<DL	372	0.81	<DL	32900	3.11	26.4	54.9	96.2	0.208	180	4.15	2.55	1.77	98600	24.3	4.76	0.062	6970	11.1	27.7
40390	A14-1210-044	GMI14-1590	48400	1.13	<DL	229	1.49	<DL	37300	66.6	29.3	53.1	120	0.146	120	3.4	2.13	1.41	87300	22.3	4.19	0.129	5380	14.9	25.9
40391	A14-1210-045	GMI14-1591	56700	1.25	<DL	133	1.73	<DL	37200	6.59	27.7	56.2	116	0.566	472	4.87	3.09	1.38	103000	20.4	5.02	0.064	6910	11.8	33.4
40392	A14-1210-046	GMI14-1592	45400	1.54	<DL	238	0.894	<DL	34000	2.63	30.4	58.8	116	0.252	187	4.88	2.92	1.51	106000	21.1	5.34	0.076	5090	12.8	26.1
40393	A14-1210-047	GMI14-1593	44700	1.28	<DL	356	0.468	<DL	42700	1.75	26.6	55	99.3	0.322	196	4.48	2.75	1.8	101000	23.2	4.9	0.08	5650	11.5	19.5
40394	A14-1210-048	GMI14-1594	48100	1.76	<DL	406	0.468	<DL	39300	1.78	26.7	52.6	83.4	0.429	193	4.48	2.71	1.86	100000	25.5	4.92	0.067	8250	11.3	20.5
40395	A14-1210-049	GMI14-1595	49000	1.46	<DL	362	0.453	<DL	38000	2.41	26	52	69.4	0.365	175	4.27	2.67	1.69	95500	24.3	4.71	0.061	8320	11	21.7
40396	A14-1210-050	GMI14-1596	47700	1.59	<DL	340	0.461	<DL	41500	6.56	24.8	48.5	95.6	0.241	138	3.98	2.47	1.6	88900	23.1	4.55	0.067	7460	10.4	19.1
40448	A14-1212-001	GMI14-1597	70200	<DL	<DL	267	0.558	<DL	65800	0.811	17.7	51.8	190	0.453	144	3.72	2.37	1.34	104000	21.7	3.66	<DL	10800	8.76	21.2
40449	A14-1212-002	GMI14-1598	68300	<DL	<DL	248	0.497	<DL	69000	0.784	16.3	54.5	172	0.432	168	3.52	2.15	1.22	105000	21.1	3.4	<DL	9870	7.87	24.4
40450	A14-1212-003	GMI14-1599	75300	<DL	<DL	441	0.626	<DL	62400	0.971	21.2	55.1	116	0.492	196	4.4	2.77	1.8	119000	29.2	4.42	0.062	14500	10.1	29.1
40451	A14-1212-004	GMI14-1600	67500	<DL	<DL	275	0.472	<DL	64000	0.701	15.7	53.8	175	0.348	178	3.37	2.15	1.29	105000	21.7	3.42	<DL	11400	7.51	23.8
40452	A14-1212-005	GMI14-1601	64700	<DL	<DL	263	0.475	<DL	64700	0.763	16.9	55.7	164	0.307	186	3.49	2.22	1.32	110000	22	3.41	0.05	10300	8.15	26.5
40453	A14-1212-006	GMI14-1602	67200	<DL	<DL	277	0.585	<DL	63300	0.891	19.3	52.3	150	0.369	176	3.84	2.42	1.4	108000	22.7	3.93	<DL	10300	9.4	27.6
40454	A14-1212-007	GMI14-1603	66100	<DL	<DL	279	0.515	<DL	59800	0.899	18.3	50.5	142	0.597	162	3.88	2.44	1.33	103000	22	3.8	<DL	10100	8.72	30.2
40455	A14-1212-008	GMI14-1604	63500	<DL	<DL	181	0.673	<DL	54500	0.933	20	54.1	154	0.526	177	4.15	2.59	1.32	110000	20.1	4.21	0.053	6000	9.53	33.6
40456	A14-1212-009	GMI14-1605	63300	<DL	<DL	196	0.71	<DL	49100	0.856	19.2	53.9	161	0.488	176	3.9	2.47	1.23	109000	19.7	3.9	0.055	5970	9.05	34.4
40457	A14-1212-010	GMI14-1606	63100	<DL	<DL	152	0.761	<DL	59400	3.02	18.8	53	161	0.423	192	3.8	2.44	1.23	108000	20	3.89	0.054	4450	9.04	32.9
40458	A14-1212-011	GMI14-1607	62100	<DL	<DL	182	0.625	<DL	52300	0.949	19.7	54.1	151	0.456	182	3.95	2.45	1.29	111000	20.2	4.03	0.05	5380	9.34	33.1
40459	A14-1212-012	GMI14-1608	63800	<DL	<DL	261	0.547	<DL	53000	0.757	17.6	50.7	131	0.439	168	3.69	2.3	1.32	102000	21.2	3.64	<DL	8380	8.19	31.5
40460	A14-1212-013	GMI14-1609	62500	<DL	<DL	362	0.448	<DL	58100	0.727	16	53	199	0.465	166	3.32	2.08	1.44	102000	24.1	3.43	<DL	12500	7.39	29
40461	A14-1212-014	GMI14-1610	59700	<DL	<DL	277	0.472	<DL	55000	0.777	17	52.1	192	0.396	166	3.4	2.09	1.29	101000	21.8	3.49	<DL	8790	8.09	30
40462	A14-1212-015	GMI14-1611	56700	<DL	<DL	166	0.551	<DL	51600	1.5	18.3	53.4	148	0.337	174	3.62	2.18	1.21	107000	18.8	3.79	<DL	5020	8.43	31.1
40463	A14-1212-016	GMI14-1612	59600	<DL	<DL	259	0.551	<DL	55700	0.934	19.9	54.4	168	0.35	181	3.86	2.36	1.44	110000	22.1	4.13	0.056	8300	9.21	29.3
40464	A14-1212-017	GMI14-1613	60000	<DL	<DL	284	0.497	<DL	54800	0.86	18.7	51.8	167	0.361	170	3.72	2.3	1.39	105000	22.5	3.92	<DL	9810	8.85	26.9
40465	A14-1212-018	GMI14-1614	61300	<DL	<DL	270	0.469	<DL	55400	0.889	18.3	50.7	183	0.376	173	3.52	2.3	1.41	102000	22	3.78	<DL	9310	8.56	27.2
40466	A14-1212-019	GMI14-1615	60600	<DL	<DL	258	0.504	<DL	56900	0.823	19.3	53.6	185	0.334	178	3.82	2.4	1.36	108000	21.9	4.08	<DL	9040	9.07	28.2
40605	A14-1212-020	GMI14-1616	59200	<DL	<DL	374	2.62	<DL	54000	1.32	23.2	47	92.3	0.227	102	4.02	2.43	1.68	101000	28.4	4.23	0.053	18000	13	32.5
40606	A14-1212-021	GMI14-1617	59600	<DL	<DL	900	1.72	<DL	38400	0.85	21.8	49.8	110	0.441	158	3.95	2.43	2.5	105000	39.7	4.29	0.052	35700	10.7	50.7
40607	A14-1212-022	GMI14-1618	61200	<DL	<DL	141	2.8	<DL	36800	0.865	20.7	57.4	77.2	0.298	113	3.74	2.23	1.25	112000	27.2	3.86	0.061	5100	10.8	66.2
40608	A14-1212-023	GMI14-1619	53900	<DL	<DL	54.2	2.89	<DL	48600	0.892	20.7	34.4	5.93	0.053	112	3.44	2.19	0.993	89100	14.4	3.59	<DL	2510	11.8	21.5
40609	A14-1212-024	GMI14-1620	60500	<DL	<DL	226	3.25	<DL	36700	1.28	39.6	32.8	14.3	0.077	116	3.57	2.36	1.46	86200	20.4	4.9	<DL	8830	23.2	24.1
40610	A14-1212-025	GMI14-1621	61600	<DL	<DL	580	1.82	<DL	54300	0.817	25.9	47.6	<DL	0.075	151	4.1	2.57	2.05	118000	34.2	4.64	<DL	8680	13.3	39.9
40611	A14-1212-026	GMI14-1622	64200	<DL	<DL	289	2.48	0.428	60500	0.65	26.9	57.7	<DL	0.214	247	4.3	2.84	1.52	125000	26.8	4.51	<DL	4740	15.3	57.8
40612	A14-1212-027	GMI14-1623	57400	<DL	<DL	278	1.72	<DL	60200	0.593	20.8	43.8	11.3	0.135	118	3.65	2.31	1.38	104000	23.6	3.83	<DL	7660	11.8	29
40613	A14-1212-028	GMI14-1624	57500	<DL	<DL	245	2.52	0.386	59600	0.67	18.3	44.1	14	0.13	123	3.61	2.4	1.29	104000	23.5	3.55	<DL	9080	11	30.6
40614	A14-1212-029	GMI14-1625	58100	<DL	<DL	233	2.19	<DL	51400	0.704	24.2	44.4	20.1	0.111	306	3.48	2.23	1.29	100000	21.7	3.82	<DL	8910	14.1	23.1
40615	A14-1212-030	GMI14-1626	60900	<DL	<DL	419	3.04	<DL	49700	0.884	31.2	41	24.1	0.191	144	3.27	2.15	1.53	98200	26.1	4.12	<DL	9840	23.1	34.5
40616	A14-1212-031	GMI14-1627	59800	<DL	<DL	249	3	<DL	36400	0.495	23.6	46.8	26.6	0.249	328	3.18	2.01	1.23	102000	22.8	3.52	<DL	4680	17	56.1
40617	A14-1212-032	GMI14-1628	66900	<DL	<DL	416	2.83	<DL	40300	0.865	40.7	38.2	42	0.208	236	2.94	1.79	1.68	81900	28.5	4.62	<DL	12100	24.2	58.3
40618	A14-1212-033	GMI14-1629	57100	<DL	<DL	212	2.74	<DL	58700	0.54	31.5	41.6	58.4	0.156	59.9	3.14	2	1.23	91800	22.6	4.04	<DL	6790	22.8	31.7
40979	A14-1311-001	GMI14-1630	10800	<DL	<DL	34.9	0.15	5.36	13300	0.19	3.45	27.1	320	0.092	27.1	1.03	0.651	0.333	31600	4.96	0.926	<DL	237	1.63	2.84
40980	A14-1311-002	GMI14-1631	60600	<DL	<DL	36.9	0.375																		

0.384	24100	1140	<DL	15200	6.41	14.9	82.6	600	6.21	6.29	0.119	34.1	0.123	<DL	28.3	<DL	3.95	0.975	241	<DL	0.82	2.11	6910	0.26	0.597	297	<DL	21.6	2.59	110
0.461	26300	1350	<DL	16100	7.56	17.3	86.3	722	5.83	6.67	0.119	32.9	0.113	<DL	33.7	<DL	4.42	1.14	219	<DL	0.956	2.46	8330	0.237	0.68	361	<DL	25.7	3.11	130
0.429	26000	1400	<DL	17500	7.48	16.5	86.9	680	5.69	6.48	0.102	32.5	0.106	<DL	33.1	<DL	4.25	1.14	209	<DL	0.896	2.41	8130	0.224	0.669	354	<DL	24.6	2.97	127
0.417	27500	1440	<DL	17600	7.12	16.1	87.9	655	5.45	6.39	0.109	36.4	0.103	0.075	33.6	<DL	4.26	1.07	203	<DL	0.888	2.4	7860	0.251	0.665	346	<DL	24.8	2.98	136
0.462	28400	1560	<DL	18200	7.45	17	94.1	706	5.21	6.5	0.122	37.1	0.107	<DL	34	<DL	4.46	1.14	195	<DL	0.943	2.5	8020	0.261	0.691	334	<DL	25.7	3.11	156
0.436	30400	1780	<DL	12700	8.29	18	108	757	10.2	5.3	0.147	12	0.077	<DL	33.7	<DL	4.8	1.3	137	<DL	0.989	2.3	8950	0.148	0.737	367	<DL	24.4	2.98	207
0.374	26300	1760	<DL	15600	7	15.3	96	618	29.9	5.92	0.108	20.6	0.118	0.094	28.9	<DL	3.99	1.05	210	<DL	0.837	2.07	7560	0.212	0.605	314	<DL	20.7	2.56	317
0.319	26400	1740	<DL	16500	6.3	13.8	92	550	229	4.37	0.107	13.5	0.072	0.084	24.7	<DL	3.61	1.01	136	<DL	0.726	1.72	6770	0.143	0.573	280	<DL	17.3	2.28	485
0.261	25200	1510	<DL	16100	5.18	12.9	93	396	615	6.49	0.07	9.49	0.146	0.2	22.6	<DL	3.09	0.827	275	<DL	0.61	2.16	5500	0.096	1.06	281	<DL	15.4	1.93	10000
0.437	37500	1990	<DL	20600	6.91	14.3	101	613	208	4.24	0.108	16.6	0.042	0.298	35.8	<DL	3.96	1.09	69	<DL	0.811	2.35	7040	0.14	0.639	280	<DL	23.7	2.82	897
0.368	28900	2040	<DL	17100	7.23	15.5	102	651	23.1	4.7	0.138	15.1	0.073	0.13	28.6	<DL	4.04	1.18	127	<DL	0.834	2.07	7500	0.149	0.63	303	<DL	20.2	2.53	427
0.35	27500	1930	<DL	18000	6.24	13.9	102	553	61.5	5.92	0.117	18.1	0.1	0.075	29	<DL	3.75	1.03	203	<DL	0.781	1.9	7050	0.138	0.548	310	<DL	19.8	2.48	286
0.354	25200	2060	<DL	17800	6.24	13.8	93.4	527	104	5.82	0.089	28.7	0.103	0.094	29.6	<DL	3.6	0.999	204	<DL	0.766	1.9	7330	0.208	0.533	346	<DL	19.9	2.41	315
0.334	24200	1970	<DL	18200	5.99	13.6	83.1	544	66.2	5.73	0.106	28	0.101	0.076	27.1	<DL	3.57	0.875	207	<DL	0.73	1.86	6730	0.21	0.523	316	<DL	18.9	2.3	387
0.314	22200	2030	<DL	18100	5.68	12.7	90.8	494	94.6	6.53	0.092	25.1	0.131	0.139	25.7	<DL	3.44	0.987	259	<DL	0.702	1.75	6080	0.219	0.514	281	<DL	17.6	2.21	926
0.336	32600	1280	<DL	15800	6.94	10.6	94.5	562	2.51	4.95	0.095	38.7	0.078	<DL	32.2	<DL	2.77	0.743	177	9.16	0.637	1.57	5120	0.359	0.337	211	2.33	20.3	2.28	113
0.318	34200	1300	<DL	16300	4.69	9.96	101	505	3.39	5.01	0.062	34.3	0.077	<DL	33.2	<DL	2.58	<DL	190	<DL	0.579	1.15	5300	0.334	0.294	259	1.48	18.4	2.12	109
0.404	26100	1380	<DL	21800	6.04	12.8	80.8	632	3.19	6.71	0.074	47.2	0.123	<DL	33.3	<DL	3.35	0.787	277	<DL	0.731	1.5	7460	0.411	0.378	343	1.28	22.5	2.59	129
0.303	31400	1270	<DL	16100	4.41	9.44	99	462	2.06	4.71	0.056	36.4	0.077	<DL	31.7	<DL	2.49	0.719	188	<DL	0.537	1.03	5560	0.326	0.269	288	1.11	17	1.99	106
0.309	30300	1320	<DL	17800	4.7	10.5	95.8	519	2.28	5.05	0.069	31.4	0.085	<DL	31.8	<DL	2.66	<DL	201	<DL	0.587	1.09	6200	0.3	0.295	310	1.02	17.8	2.06	116
0.343	29300	1270	<DL	19900	5.25	11.4	88.1	568	2.44	5.46	0.095	34.8	0.084	<DL	30.6	<DL	2.99	<DL	212	<DL	0.649	1.61	5960	0.305	0.489	276	0.924	19.8	2.29	107
0.348	31300	1300	<DL	20500	4.92	10.8	86.9	526	2.54	5.75	0.058	40.6	0.088	<DL	31.8	<DL	2.92	0.722	227	<DL	0.647	1.27	5650	0.299	0.326	268	0.846	20.4	2.33	106
0.364	30700	1330	<DL	23700	5.63	11.8	91.4	581	2.65	5.87	0.091	22.7	0.099	<DL	32.2	<DL	3.23	0.761	237	<DL	0.701	1.32	6630	0.213	0.358	282	0.814	21.1	2.36	101
0.344	29000	1290	<DL	25000	5.32	11.4	94	537	2.85	6.3	0.077	21.9	0.118	<DL	29.4	<DL	3.04	0.745	267	<DL	0.645	1.22	6170	0.23	0.333	273	<DL	19	2.13	102
0.353	29000	1300	<DL	23900	5.3	11.3	91.8	546	4.61	5.85	0.093	16.7	0.094	<DL	30.1	<DL	3.03	0.735	232	<DL	0.652	1.19	6130	0.177	0.323	279	<DL	19.5	2.22	348
0.334	28400	1300	<DL	24800	5.41	11.7	90	583	5.19	6.27	0.089	19.8	0.112	<DL	30.2	<DL	3.03	0.784	265	<DL	0.661	1.21	6280	0.211	0.335	286	<DL	19.2	2.28	116
0.316	28300	1240	<DL	22300	4.97	10.5	85.9	502	2.49	5.69	0.069	31.4	0.098	<DL	29.3	<DL	2.8	<DL	242	<DL	0.613	1.11	5820	0.271	0.305	267	<DL	18.1	2.11	99.4
0.292	28900	1250	<DL	17100	4.51	9.51	103	459	2.58	5.04	0.053	43.1	0.09	<DL	29	<DL	2.66	<DL	200	<DL	0.571	1.04	5320	0.356	0.273	260	<DL	16.5	1.95	108
0.292	26100	1280	<DL	19500	4.79	10.1	98.7	498	2.08	5.06	0.067	27.6	0.082	<DL	26.7	<DL	2.77	<DL	211	<DL	0.574	1.02	5590	0.282	0.293	254	<DL	16	1.94	103
0.292	23900	1280	<DL	22400	5.37	10.8	89.5	529	13	5.65	0.05	15.3	0.105	<DL	25.2	<DL	2.91	0.778	254	<DL	0.618	1.02	6090	0.187	0.318	259	<DL	15.6	1.98	201
0.317	24300	1360	<DL	21100	5.67	11.8	91.4	573	3.49	5.51	0.08	24.4	0.092	<DL	26.9	<DL	3.22	0.83	223	<DL	0.651	1.16	6380	0.255	0.357	276	<DL	17.4	2.13	111
0.307	24600	1260	<DL	19900	5.39	11.3	89	535	2.51	5.32	0.074	31.1	0.099	<DL	27.5	<DL	2.95	0.76	217	<DL	0.637	1.15	6000	0.29	0.318	269	<DL	17.3	2.12	107
0.323	25200	1240	<DL	20200	5.16	10.6	84	509	2.95	5.5	0.075	31.8	0.1	<DL	27.8	<DL	2.91	<DL	229	<DL	0.625	1.12	5720	0.281	0.32	261	<DL	17.5	2.09	109
0.307	25400	1280	<DL	19900	5.4	11.4	88.9	550	2.35	5.78	0.093	27.9	0.101	<DL	27.4	<DL	3.08	<DL	239	<DL	0.643	1.15	5940	0.266	0.318	269	<DL	17.7	2.08	110
0.336	25400	1380	<DL	17100	6.21	12.1	72.4	549	36.4	13.3	0.107	40.7	0.325	0.1	33	<DL	3.04	0.842	711	<DL	0.678	3.7	6800	0.419	1.56	351	0.973	18.2	2.2	182
0.32	30700	1510	<DL	8720	5.83	12.2	83.9	628	7.39	7.11	0.106	66.3	0.14	<DL	31.3	<DL	3.15	0.89	313	<DL	0.682	1.88	6840	0.913	0.6	315	0.889	18.8	2.21	201
0.308	30800	1620	<DL	18300	6.28	11.1	77.7	567	23.4	11.4	0.088	9.23	0.301	<DL	30.9	<DL	2.96	0.866	609	<DL	0.644	3.61	7000	0.145	1.91	358	0.975	16.7	2.04	275
0.323	20700	1140	<DL	39800	6.7	9.63	39.9	257	57.4	6.3	0.085	7.21	0.124	<DL	32.5	<DL	2.66	<DL	281	<DL	0.573	7.64	6120	0.108	2.83	347	<DL	16.7	2.11	108
0.344	19000	1060	<DL	39600	10.4	16	34.8	300	29.8	7.46	0.111	19.3	0.156	<DL	30	<DL	3.45	0.928	340	<DL	0.678	11.9	5760	0.188	6.51	327	<DL	17.9	2.27	126
0.381	23600	1530	<DL	25400	7.16	13.1	34.6	393	96.9	12	0.079	18.4	0.289	<DL	36.1	<DL	3.43	<DL	612	<DL	0.707	5.1	7820	0.202	3.69	456	<DL	19.9	2.53	200
0.427	34400	1730	<DL	27800	7.14	13.1	44.2	483	21.9	12	0.069	11.5	0.279	<DL	46.4	<DL	3.31	<DL	624	<DL	0.728	2.52	8170	0.152	2.13	468	1.09	23.5	2.8	219
0.338	25000	1370	<DL	30300	4.01	10.7	47.2	410	13	9.69	<DL	17.7	0.235	0.076	39.2	<DL	2.82	0.933	514	<DL	0.613	1.47	7080	0.196	1.68	418	0.888	17.6	2.17	143
0.365	24400	1370	<DL	30800	7.13	9.51	47.2	388	14.7	10.1	0.058	18.8	0.233	0.108	38.5	<DL	2.6	0.724	535	<DL	0.598	4.21	6810	0.209	4.63	405	0.811	18.6	2.38	134
0.322	26300	1330	3.13	34100	6.38	11.5	48.2	393	10.2	9.2	0.059	19	0.218	<DL	38.5	<DL	2.83	0.805	472	<DL	0.592	2.92	6220	0.2	1.79	359	<DL			

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40369	A14-1210-025	GMI14-1571	57700	0.878	<DL	110	0.632	<DL	48800	0.395	12.7	48.9	301	0.151	93.1	1.89	1.22	0.715	76300	15.7	2.04	<DL	3980	8.09	22.6
40369	A14-1210-025	GMI14-1571 DUP	61300	0.625	<DL	112	0.642	<DL	51300	0.358	13	48.8	302	0.19	92.8	2.01	1.31	0.735	76600	16	1.97	<DL	4000	8.22	24.4
40396	A14-1210-050	GMI14-1596	47700	1.59	<DL	340	0.461	<DL	41500	6.56	24.8	48.5	95.6	0.241	138	3.98	2.47	1.6	88900	23.1	4.55	0.067	7460	10.4	19.1
40396	A14-1210-050	GMI14-1596 DUP	50300	1.57	<DL	350	0.491	<DL	43400	6.78	25.1	50.4	97.4	0.285	138	4.18	2.64	1.67	90900	23.3	4.67	0.07	7550	10.7	20.2
40610	A14-1212-025	GMI14-1621	61600	<DL	<DL	580	1.82	<DL	54300	0.817	25.9	47.6	<DL	0.075	151	4.1	2.57	2.05	118000	34.2	4.64	<DL	8680	13.3	39.9
40610	A14-1212-025	GMI14-1621 DUP	60500	<DL	<DL	573	1.74	<DL	54100	0.87	25.8	47	<DL	0.074	146	4.05	2.57	2.04	117000	33.7	4.54	0.056	8440	13.2	39.1
40981	A14-1311-003	GMI14-1632	12000	<DL	<DL	16.7	0.117	3.82	5210	0.576	3.35	5.26	395	<DL	11.1	1.05	0.735	0.286	28000	3.52	0.833	<DL	223	1.48	0.607
40981	A14-1311-003	GMI14-1632 DUP	12200	<DL	<DL	17.1	0.111	3.72	5220	0.507	3.36	5.15	396	<DL	11.4	1.08	0.722	0.274	27800	3.65	0.803	<DL	238	1.46	0.588

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		Certified Values:		2200	3.3							20500			249600				14800						
		CRM PTM-1a #1		2380	1.86							17800			214000				14500						
		CRM PTM-1a #2		2270	2.07							17200			208000				14100						
		CRM PTM-1a #3		2470	1.55							17600			206000				15400						
		CRM PTM-1a #4		2500	1.47							17600			208000				15800						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	40800	1.95		333	0.326	1.8	21100	3.2	33.9	539	266	0.285	9260	1.46	0.772	1.21	236000	16.4	3.32		5910	16.3	
		CRM SU-1b #2	39200	1.89		330	0.258	2.35	20600	3.35	34.7	528	260	0.293	9140	1.47	0.802	1.26	230000	16.6	3.42		5740	16.4	
		CRM SU-1b #3	48200	<DL		377	0.507	2.24	24800	3.77	31.8	581	319	0.308	9860	1.45	0.82	1.27	278000	18.8	3.44		7030	17.3	
		CRM SU-1b #4	48000	<DL		376	0.541	2.35	24700	3.73	30.5	565	314	0.289	9480	1.43	0.792	1.25	273000	18	3.19		7030	16.9	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	50100	17.8		111		31.6	21200	9.59		139	163	0.432	2010				199000	41.7		1.67	4600	7.31	10.5
		CRM RTS-3a #2	47100	17.3		107		33.7	20300	9.25		134	157	0.418	1950				191000	39.6		1.58	4400	7.28	9.66
		CRM RTS-3a #3	59800	14.9		127		31.4	25100	10.9		151	189	0.441	2110				236000	47		1.82	5450	8.16	15.7
		CRM RTS-3a #4	59000	15.2		124		33.3	24900	10.6		146	184	0.456	2050				230000	46.3		1.79	5430	7.84	15.3
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	58900	20.1		612	0.954		15400	1.46	94.5	28.9	60.3	2.39	36.9	5.08		2.49	38000				16900	47.6	18.8
		CRM LKSD-3 #2	55500	20.6		600	0.927		14900	1.32	93	27.8	57.6	2.29	37.5	4.82		2.46	36700				16500	46.7	17.3
		CRM LKSD-3 #3	66200	18		658	1.44		17300	1.44	82.2	29.1	53.5	2.37	36.9	4.69		2.4	42000				19200	48.2	26.3
		CRM LKSD-3 #4	67300	18		669	1.46		17600	1.58	82.9	29.5	54.7	2.48	37.5	4.75		2.38	42300				19700	48.9	26.8





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:	10	10		10	10		10	10				10		10	10	10		10	10	10		10	10
		Spike #1	8.79	12.9			8.47	10.3		9.64	10.8			10.1		10.5	10.4	10.5		10.9	10.4	10		10.2	8.74
		Spike #4	9.99	13.3			6.44	9.96		9.4	11.3			9.93		10.3	10.2	10.5		9.43	10.8	9.58		10.2	6.92
		Spike #7	5.62	9.6			10.7	10.1		10.1	9.85			10.3		10.1	10	10.2		12.1	10.2	10.4		10.2	10.9
		Spike #10	7.26	9.47			10	10.1		10.2	10.1			10.5		10.2	10.1	10.2		10.4	10.4	10.4		10.5	10.3
		Actual Spike Values:				100						100	100		100										
		Spike #2				108						109	112		110										
		Spike #5				108						109	110		112										
		Spike #8				101						98.9	103		98.3										
		Spike #11				93.4						90.5	91.5		90.9										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10400						10400										10500				10400		
		Spike #6	9710						9880										10200				9870		
		Spike #9	10300						10100										10300				10300		
		Spike #12	9390						9250										9400				9350		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-022

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

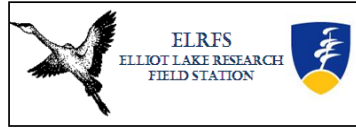
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Phone: 705-529-3087 (Mobile)

**Batch: 14-1213 (35) & 14-1226 (24) & 14-1269 (51)**

**ELRFS Contact Information:**

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Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Dr. Graeme Spiers - ELRFS Director**

**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 35 + 24 + 51  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 19, 2015 / Troy Maki  
Submission Date: 2015 01 29

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02	
40619	A14-1213-001	GMI14-1632	71800	1.42	1.27	311	2.23	0.401	62100	1.32	58.5	53.1	76.5	0.284	266	3.8	2.45	1.48	89800	25.4	5.46	<DL	20800	38.9	22
40620	A14-1213-002	GMI14-1633	65500	0.867	0.533	197	1.91	0.312	57500	0.62	29.1	47.3	81.6	0.182	191	3.26	2.09	1.06	88100	22.6	3.64	<DL	9650	19	26.7
40621	A14-1213-003	GMI14-1634	86100	0.425	<DL	480	2.46	<DL	35200	0.841	55.3	20.6	62.9	0.214	217	3.41	1.93	1.99	47700	34.6	6.1	<DL	28600	24.7	14.7
40801	A14-1213-004	GMI14-1635	73400	0.6	<DL	427	0.828	<DL	65400	0.395	13.1	51.2	292	0.496	268	2.35	1.51	1.26	86700	27	2.42	<DL	13200	6.71	35.2
40802	A14-1213-005	GMI14-1636	76800	0.591	<DL	396	0.893	<DL	71000	0.497	21.6	50.4	287	0.369	451	2.39	1.55	1.31	84700	26.3	2.88	<DL	9350	11	22.8
40803	A14-1213-006	GMI14-1637	78300	0.665	<DL	382	1.38	<DL	61000	0.612	28.1	45.7	264	0.252	135	2.34	1.45	1.31	78400	27.7	3.25	<DL	9730	15.7	20.7
40804	A14-1213-007	GMI14-1638	76600	<DL	<DL	294	1.09	<DL	64500	0.463	25	45.6	272	0.168	99.3	2.37	1.5	1.28	79100	24.7	3.28	<DL	6960	12.8	16.8
40805	A14-1213-008	GMI14-1639	76900	0.405	<DL	214	0.726	<DL	64500	0.329	15.3	49.7	301	0.348	97.3	2.29	1.48	1.04	84000	21.5	2.53	<DL	7930	7.82	21.8
40806	A14-1213-009	GMI14-1640	74700	0.404	<DL	513	1.41	<DL	43700	0.527	24.7	34	227	0.12	59.7	1.89	1.14	1.57	60000	33.3	2.94	<DL	13800	12.4	13.5
40807	A14-1213-010	GMI14-1641	1E+05	0.338	<DL	885	1.77	<DL	23400	0.689	34.6	8.29	93	0.181	56.7	1.54	0.904	2.07	19400	51.6	3.38	<DL	20700	15.7	3.89
40808	A14-1213-011	GMI14-1642	97600	0.608	<DL	1130	1.64	<DL	21200	0.858	39.6	13.5	132	0.194	51.3	1.9	1.09	2.77	29300	59.6	4.26	<DL	23300	18.7	6.81
40809	A14-1213-012	GMI14-1643	77200	0.415	<DL	876	1.53	<DL	35500	0.713	31.3	30	247	0.124	40.5	1.96	1.16	2.34	49900	48.3	3.69	<DL	16400	15.3	15.6
40810	A14-1213-013	GMI14-1644	83800	0.343	<DL	1020	1.76	<DL	27000	0.885	54.3	23	193	0.079	60.7	2.31	1.34	2.84	41400	54.4	5.89	<DL	17200	23.2	13.2
40811	A14-1213-014	GMI14-1645	77500	0.514	<DL	639	1.91	<DL	29300	0.898	41.1	28.1	213	<DL	75.6	2.21	1.32	2.16	49400	40.3	4.63	<DL	13000	18.5	12.1
40812	A14-1213-015	GMI14-1646	77400	0.33	<DL	644	1.95	<DL	28300	0.796	42.8	26.9	208	<DL	51.1	2.26	1.27	2.13	48800	40.3	4.71	<DL	12000	20.5	12.2
40813	A14-1213-016	GMI14-1647	67500	0.712	<DL	363	2.12	<DL	31600	0.453	29.9	44.2	269	0.347	82.8	1.94	1.17	1.41	70600	31.9	3.48	<DL	9620	16.7	60
40814	A14-1213-017	GMI14-1648	70200	0.744	<DL	442	1.19	<DL	48500	0.516	26.2	45.3	285	0.488	85.2	2.11	1.28	1.56	75800	30.9	3.31	<DL	8810	13.3	27.3
40815	A14-1213-018	GMI14-1649	72900	0.726	<DL	711	0.835	<DL	59800	0.509	19	46.4	281	0.315	111	2.06	1.33	1.84	78300	38.8	2.8	<DL	8230	10.3	18
40816	A14-1213-019	GMI14-1650	74800	0.616	<DL	755	2.23	<DL	35300	1.01	47.3	31.1	217	0.159	61.2	1.92	1.25	2.05	54000	43.9	4.31	<DL	16100	28.2	12.6
40817	A14-1213-020	GMI14-1651	76800	0.702	<DL	626	1.28	<DL	52100	0.656	30.8	42.9	269	0.177	116	2.27	1.4	1.86	70900	37.4	3.62	<DL	9950	16.7	12.3
40818	A14-1213-021	GMI14-1652	71700	0.672	<DL	525	1.42	<DL	46500	0.636	35.2	39.3	244	0.205	90.7	2.32	1.37	1.73	67800	33.2	3.79	<DL	10400	20	14.6
40819	A14-1213-022	GMI14-1653	68900	0.476	<DL	233	0.965	<DL	54200	0.426	20.6	47.8	289	0.376	175	2.15	1.35	1.1	78800	22.4	2.82	<DL	6760	10.5	20.3
40820	A14-1213-023	GMI14-1654	66800	0.545	<DL	360	1.64	<DL	51100	0.879	99	47.9	301	0.428	103	3.49	1.88	2.7	76400	27.1	10.2	<DL	9080	43.7	28.5
40821	A14-1213-024	GMI14-1655	74100	0.527	<DL	611	1.93	<DL	32600	1.19	65.9	34.4	240	0.125	106	2.43	1.42	2.17	59300	38.2	6	<DL	15100	35.5	19.9
40822	A14-1213-025	GMI14-1656	74200	0.898	<DL	407	2.34	<DL	28900	1.2	75.5	30.2	204	0.101	199	2.69	1.59	2.07	51500	32	6.81	<DL	9370	39	21.6
40823	A14-1213-026	GMI14-1657	67900	0.593	<DL	356	1.99	<DL	41900	0.891	93.7	38.7	236	0.122	80.9	2.76	1.6	1.85	66100	28.9	7.18	<DL	10300	64.3	15.9
40824	A14-1213-027	GMI14-1658	66500	0.677	<DL	536	1.74	<DL	49700	1.03	90.4	40.2	232	0.101	85.6	3	1.72	2.29	69800	33	7.92	<DL	13600	54.4	13.4
40825	A14-1213-028	GMI14-1659	63200	3.71	<DL	190	0.356	0.319	72400	0.799	17.9	58.2	48.1	0.803	146	5.22	2.95	1.58	98900	22.9	5.6	0.079	4490	5.75	8.92
40826	A14-1213-029	GMI14-1660	73500	0.245	<DL	517	1.23	<DL	45400	0.752	48.6	42.7	255	0.231	115	2.46	1.52	1.74	72200	33.2	4.62	<DL	13200	30.8	23.8
40827	A14-1213-030	GMI14-1661	78500	0.616	<DL	472	1.79	<DL	33300	0.982	68.4	28.6	204	0.103	91.5	2.54	1.46	2.01	50900	32.9	6.04	<DL	8740	39.3	13.3
40828	A14-1213-031	GMI14-1662	69200	0.609	<DL	316	2.05	<DL	29900	0.887	68.1	37.3	248	0.11	62.6	2.65	1.52	1.73	62700	28.4	6.08	<DL	7970	42.2	25.3
40829	A14-1213-032	GMI14-1663	68000	0.82	<DL	423	0.704	<DL	58500	0.434	19.4	52.8	306	0.319	129	2.22	1.43	1.38	88900	28.1	2.88	<DL	11000	10.7	26.7
40830	A14-1213-033	GMI14-1664	75300	0.792	<DL	487	0.988	<DL	63200	0.556	31.5	51.7	293	0.336	119	2.61	1.66	1.62	87300	31.2	3.77	<DL	11200	18.4	23.4
40831	A14-1213-034	GMI14-1665	72800	0.597	<DL	211	1.5	<DL	58500	0.857	34.7	49.3	272	0.359	121	2.87	1.83	1.3	85900	24.2	4.4	<DL	6370	16.1	31.8
40832	A14-1213-035	GMI14-1666	76700	0.716	<DL	206	0.877	<DL	65400	0.564	31.1	52.6	280	0.416	130	2.91	1.82	1.16	90700	23.4	3.76	<DL	6910	21.1	25.5

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.386	33800	1540	<DL	28900	11.8	19.7	60.3	311	16.3	9	0.149	43.9	0.199	<DL	42.3	<DL	3.91	1.06	572	13.1	0.661	13.8	5610	0.293	5.92	313	1.83	21.3	2.49	128	
0.308	34400	1420	<DL	33700	7.46	11.3	64.8	230	11.6	5.76	0.059	20.6	0.104	<DL	41.8	<DL	2.64	<DL	313	2.96	0.52	5.61	5780	0.159	3.61	300	1.56	17.1	2.01	131	
0.276	18500	784	<DL	49700	13.5	26.4	33.6	247	14.9	5.87	0.077	59.5	0.11	<DL	22.4	<DL	5.18	1.06	310	<DL	0.712	9.82	3610	0.33	4.53	189	1.03	17.9	1.87	84.7	
0.218	45400	1260	12.6	23200	3.03	6.79	148	164	12.1	7.1	<DL	44.9	0.156	<DL	38	<DL	1.79	<DL	436	<DL	0.359	1.31	5130	0.268	0.75	282	1.11	12.6	1.45	127	
0.218	42900	1240	3.04	30000	3.49	9.7	143	184	22.7	6.97	<DL	32.3	0.158	<DL	36.5	<DL	2.23	<DL	429	<DL	0.383	2.34	4920	0.19	0.96	273	1.03	12.9	1.5	120	
0.205	36100	1140	<DL	34700	4.56	11.5	135	194	22.8	7.6	<DL	23.4	0.179	<DL	31	<DL	2.41	<DL	476	<DL	0.415	4.23	4470	0.139	2.45	249	0.93	12.3	1.4	107	
0.207	35200	1150	<DL	34500	3.84	11.6	139	236	18.9	9	<DL	15.6	0.216	<DL	31.7	<DL	2.54	<DL	571	<DL	0.413	2.19	4540	0.098	1.16	252	0.933	12.2	1.39	108	
0.202	43300	1240	<DL	32400	2.57	7.49	149	194	10.1	7.26	<DL	20.1	0.161	<DL	35.7	<DL	1.89	<DL	442	<DL	0.369	1.24	4950	0.124	0.832	279	<DL	12.1	1.39	111	
0.148	25200	893	<DL	40200	4.38	10.9	104	162	45.8	8.04	<DL	22.8	0.208	<DL	22	<DL	2.35	<DL	536	<DL	0.354	2.2	3580	0.149	1.3	200	<DL	8.86	1.07	105	
0.111	7690	265	<DL	67200	7.16	15.7	26.7	174	18.8	9.09	<DL	35.2	0.26	<DL	6.84	<DL	2.98	<DL	670	<DL	0.334	6.01	1410	0.154	2.23	60.3	0.925	7.88	0.76	69.4	
0.141	12500	457	<DL	60600	6.39	17.5	42.8	233	23.1	10.5	0.063	44.1	0.302	<DL	10.7	<DL	3.52	<DL	727	<DL	0.408	6.3	1890	0.216	2.65	96.5	<DL	9.52	0.96	92.5	
0.144	21700	803	3.27	40600	4.28	13.5	98.4	213	24.9	9.96	<DL	29	0.26	<DL	18.2	<DL	2.67	<DL	653	<DL	0.401	3.2	2930	0.191	2.04	171	<DL	9.15	1.04	116	
0.159	16800	632	<DL	51000	6.08	25.2	85.1	470	29.3	9.77	0.07	30.8	0.251	<DL	14.4	<DL	4.7	<DL	638	<DL	0.58	6.54	2680	0.184	2.97	143	<DL	10.8	1.09	121	
0.153	20000	761	<DL	49100	6.19	18.8	88.6	349	22	8.8	0.085	23.4	0.231	<DL	17.3	<DL	3.59	<DL	574	<DL	0.477	4.06	3190	0.152	2.14	182	<DL	9.85	1.11	122	
0.156	19900	765	<DL	48100	5.82	18.1	88.2	275	14.3	10.2	0.076	20.9	0.269	<DL	17.7	<DL	3.36	<DL	643	<DL	0.47	4.34	3120	0.121	2.29	183	<DL	9.96	1.13	123	
0.148	39200	1130	<DL	23700	4.62	11.8	128	261	10.1	6.84	<DL	17.9	0.154	<DL	24.1	<DL	2.48	<DL	420	<DL	0.395	1.83	4290	0.131	1.95	230	<DL	8.85	1.08	178	
0.161	35500	1060	<DL	32300	3.68	11.3	138	260	14.3	8.96	0.052	22.2	0.231	<DL	25.6	<DL	2.51	<DL	562	<DL	0.393	2.37	4360	0.167	1.27	237	<DL	10	1.17	126	
0.188	38200	1060	<DL	30700	3	7.95	141	233	12.3	7.3	0.051	25.5	0.165	<DL	30.2	<DL	1.86	<DL	429	<DL	0.356	2.4	4470	0.163	1.2	258	<DL	10.8	1.25	133	
0.155	22000	760	<DL	42600	7.37	15.8	94.5	171	24.1	6.72	0.093	30	0.162	<DL	18.3	<DL	2.87	<DL	410	<DL	0.414	10.5	3230	0.189	5.04	191	<DL	9.7	1.15	134	
0.183	29600	909	<DL	36800	4.52	12.3	129	221	22.2	9.42	0.053	23.6	0.233	<DL	26.7	<DL	2.61	<DL	596	<DL	0.423	4.79	4180	0.153	2.43	237	<DL	11.3	1.28	114	
0.184	29600	962	4.23	36200	4.89	12.9	113	227	15.1	8.27	<DL	36	0.208	<DL	25.2	<DL	2.63	<DL	496	<DL	0.417	4.26	4110	0.219	2.02	238	<DL	11	1.3	110	
0.182	38300	1140	<DL	32200	3.1	9.14	145	220	14.9	6.29	<DL	16.9	0.141	<DL	29.3	<DL	2.02	<DL	361	<DL	0.376	1.66	4550	0.119	1.01	261	<DL	10.6	1.21	128	
0.2	42700	1180	<DL	30200	4.48	4.6	169	1390	12.9	8.87	0.08	23.3	0.199	<DL	26.6	<DL	8.27	<DL	508	<DL	0.938	3.86	4840	0.168	2.01	246	<DL	14.8	1.49	144	
0.171	23200	897	<DL	42100	5.68	24.3	106	416	18.8	7.04	0.099	26.5	0.177	<DL	19	<DL	4.28	<DL	417	<DL	0.566	10.2	3690	0.184	5.99	217	<DL	10.6	1.22	137	
0.185	21000	959	4.22	45700	10.5	28.6	86.4	450	17.5	9.56	0.112	17.2	0.257	<DL	16.2	<DL	5.12	0.759	596	<DL	0.631	9.72	3470	0.107	6.68	188	<DL	11.6	1.3	148	
0.199	25800	1080	<DL	38200	8.41	28.2	116	460	11.2	11.5	0.069	19	0.318	<DL	22.3	<DL	4.72	0.773	768	<DL	0.634	5.68	4230	0.131	2.99	219	<DL	12.2	1.4	128	
0.211	28900	1130	<DL	33300	5.75	33.1	124	862	11.5	11.6	0.08	25.5	0.3	<DL	23.4	<DL	5.81	<DL	732	<DL	0.717	5.24	4440	0.174	2.87	235	<DL	13.3	1.45	130	
0.367	36000	1080	<DL	30300	6.94	14.9	90.7	561	2.78	8.24	0.06	20.1	0.143	1.16	27.5	<DL	4.62	<DL	352	<DL	0.896	<DL	9240	0.23	0.16	273	1.52	24.2	2.59	67.1	
0.2	35100	1090	<DL	33600	4.48	16.3	126	264	9.9	9.65	<DL	32.3	0.269	<DL	27.3	<DL	3.02	<DL	608	<DL	0.49	4.23	4450	0.201	2.23	241	<DL	12.1	1.43	133	
0.182	20100	790	<DL	50800	7.43	24.8	88.1	381	12.4	10.7	0.08	17.4	0.326	<DL	18.2	<DL	4.5	0.771	728	<DL	0.556	7.55	3300	0.11	3.61	189	<DL	11.9	1.26	107	
0.179	24400	990	<DL	40300	7.35	23.4	117	261	11.2	8.87	0.081	14.9	0.259	<DL	20.8	<DL	4.34	0.837	570	<DL	0.59	4.51	4050	0.111	4.18	214	<DL	11.4	1.29	134	
0.205	44500	1210	<DL	23600	2.78	8.32	156	257	12.5	7.21	<DL	28.6	0.192	<DL	31.4	<DL	2.03	<DL	429	<DL	0.368	1.36	5030	0.209	0.857	285	<DL	11.1	1.3	113	
0.228	41400	1210	<DL	27800	3.75	12.4	152	380	19.6	8.52	<DL	31.5	0.205	<DL	33.1	<DL	2.74	<DL	505	<DL	0.471	1.75	5180	0.203	1.27	289	<DL	13.3	1.56	121	
0.246	37300	1200	<DL	34600	4.78	14.6	133	501	13.4	7.34	0.082	12.2	0.167	<DL	31.8	<DL	3.07	0.803	385	<DL	0.533	3.33	5320	0.079	2.21	297	<DL	14.6	1.66	116	
0.248	41000	1210	<DL	29400	3.57	11	137	348	10.1	6.61	<DL	16.9	0.152	<DL	35.2	<DL	2.63	<DL	335	<DL	0.484	2.23	5580	0.108	1.65	307	<DL	15.1	1.72	103	

40809	A14-1226-001	GMI14-1667	33200	2.73	1.31	58.6	0.132	8.87	20300	1.7	5.44	20.5	359	0.422	65.4	1.23	0.938	0.441	49000	11.3	1.38	<DL	7620	1.95	8.96
40810	A14-1226-002	GMI14-1668	68000	0.982	<DL	181	0.274	0.487	50600	1.05	20.1	40.4	309	0.33	95.6	6.91	4.38	2.03	85800	24	6.56	0.084	4390	7.66	5.19
40811	A14-1226-003	GMI14-1669	64700	1.33	<DL	46.9	0.573	1.55	34300	0.739	13.5	37.6	105	0.063	107	5.14	3.11	1.36	120000	22.4	4.46	0.088	2940	4.68	7.34
40958	A14-1226-004	GMI14-1670	64700	7.6	<DL	51.1	0.213	2.08	88400	3.74	16.2	78.4	159	0.243	1890	5.63	3.5	1.34	201000	30	5.04	1.48	2160	6.16	5.43
40959	A14-1226-005	GMI14-1671	69100	0.474	<DL	136	0.748	3.02	14700	0.747	33.8	24.2	338	0.097	29.3	2.08	1.07	1.26	47100	30.5	4.23	<DL	1630	14.2	16.7
40960	A14-1226-006	GMI14-1672	43500	0.969	<DL	26.4	0.148	14	51400	0.834	9.18	32.9	339	0.202	72.9	3.55	2.26	1.01	78300	13.3	3.09	<DL	1270	3.16	8.3
40961	A14-1226-007	GMI14-1673	804	<DL	<DL	2.24	<DL	<DL	710	<DL	0.119	1.14	588	0.094	18.3	<DL	<DL	<DL	5680	0.865	<DL	<DL	187	0.044	1.8
40962	A14-1226-008	GMI14-1674	77000	1.79	<DL	204	0.508	1.27	75300	5.41	18.3	87	230	0.425	513	6.95	4.55	2.54	168000	28.2	6.15	0.198	4670	6.64	5.99
40963	A14-1226-009	GMI14-1675	73100	3.41	<DL	18.7	0.254	0.748	1E+05	0.507	10.5	64.6	67.8	0.054	233	4.01	2.48	1.1	135000	22	3.58	0.073	1270	4.18	8.88
40964	A14-1226-010	GMI14-1676	16500	0.408	<DL	29.9	0.069	8.91	27200	0.422	6.2	15.4	515	<DL	23.3	2.01	1.42	0.511	35900	9.33	1.83	<DL	248	2.38	0.769
40965	A14-1226-011	GMI14-1677	61900	3.82	<DL	741	0.498	0.385	20700	2.01	45.9	16.6	534	0.374	86.8	5	3.4	2.17	20100	36.9	6.32	0.201	16400	18.1	3.81
40966	A14-1226-012	GMI14-1678	61800	2.65	<DL	1420	0.189	0.581	9070	1.13	35.5	21.2	369	0.685	98.2	3.18	1.96	3.2	36200	55.2	4.75	0.194	28800	13.5	9.48
40967	A14-1226-013	GMI14-1679	75300	1.76	<DL	771	0.572	1.03	31700	0.929	38	46.2	197	0.186	220	5.71	3.24	3.25	115000	50.5	6.95	0.181	11400	16.5	29.8
40968	A14-1226-014	GMI14-1680	57300	2.01	<DL	238	0.366	0.947	46900	0.506	16.9	52.4	150	0.091	237	5.75	3.36	2.23	157000	27.9	5.51	0.117	4870	6.2	29.2
40969	A14-1226-015	GMI14-1681	59900	2.01	<DL	27.3	0.43	<DL	57700	1.14	18	45.1	164	0.064	73.3	6.46	4.01	1.81	122000	21.9	5.84	0.093	1990	6.45	21
40970	A14-1226-016	GMI14-1682	60100	5.03	1.63	74.8	0.233	1.22	28800	0.914	12.7	36.5	142	0.196	922	5.26	3.48	1.5	191000	25.3	4.31	2.05	2140	5.61	27.6
40971	A14-1226-017	GMI14-1683	56200	0.914	0.673	25.2	0.613	<DL	60700	0.505	11.6	34.3	96	0.144	144	4.98	3.05	1.32	100000	16.9	4.1	0.065	328	4.55	12.3
40972	A14-1226-018	GMI14-1684	59900	25	0.738	428	0.663	3.54	12300	1.07	10.4	98.7	172	0.425	1610	4.31	2.9	1.48	248000	28.4	3.48	0.271	5780	4.56	10.8
40973	A14-1226-019	GMI14-1685	41900	4.9	<DL	58.6	0.402	3.33	12900	1.39	8.3	67	326	0.192	401	3.65	2.37	0.934	130000	11	2.83	<DL	974	3.37	9.63
40974	A14-1226-020	GMI14-1686	47200	9.22	<DL	16.7	0.312	1.82	53800	0.419	9.34	72.7	144	0.431	914	3.67	2.38	0.832	237000	21.8	2.95	0.532	432	4.13	8.96
40975	A14-1226-021	GMI14-1687	55800	7.99	<DL	25.5	0.207	1.99	33600	0.466	11.7	44.3	121	0.436	1540	4.55	3.05	0.99	207000	21.2	3.63	0.293	1120	5.44	35.6
40976	A14-1226-022	GMI14-1688	65400	10.8	<DL	71	0.398	2.21	8700	0.688	9.64	126	124	0.216	1530	4.31	2.99	0.766	219000	26.3	3.27	0.138	2250	3.84	38.8
40977	A14-1226-023	GMI14-1689	82600	2.67	<DL	1770	0.431	0.404	6420	1.13	23.5	20.8	164	0.487	43	2.4	1.38	3.3	57900	69.9	3.32	0.191	44000	10.4	27.7
40978	A14-1226-024	GMI14-1690	60000	4.05	<DL	11.2	0.594	<DL	57100	0.337	15	49.7	75.9	<DL	263	5.13	3.1	1.38	148000	22	4.55	0.066	577	6.92	33.9
40674	A14-1269-001	GMI14-1691	50800	0.927	<DL	86.9	0.635	<DL	53600	0.811	17.7	55.9	173	0.298	205	3.41	2.08	1.02	105000	16.2	3.55	0.053	4140	8.54	26.3
40675	A14-1269-002	GMI14-1692	60900	1.92	<DL	363	0.818	<DL	59000	1.13	25.1	53.4	125	0.289	179	4.74	2.96	1.67	112000	26.3	4.88	0.073	12200	12.7	21.1
40676	A14-1269-003	GMI14-1693	57500	0.885	<DL	123	0.666	<DL	53600	0.867	17.3	52.1	156	0.29	146	3.39	2.09	1.05	98600	17.3	3.54	0.051	5720	8.38	39.1
40677	A14-1269-004	GMI14-1694	60600	1.17	<DL	192	0.597	<DL	57200	0.789	15.9	55.7	173	0.292	188	3.23	2.05	1.12	103000	20.3	3.3	<DL	9070	7.8	39.8
40678	A14-1269-005	GMI14-1695	66000	1.17	<DL	216	0.491	<DL	60800	0.707	14.9	53.7	162	0.25	176	3.08	1.9	1.14	98700	21.1	3.13	<DL	11400	7.3	23.2
40679	A14-1269-006	GMI14-1696	67300	0.876	<DL	180	0.469	<DL	66400	0.745	13.8	54.8	202	0.356	174	2.96	1.93	1.07	96600	19.3	2.93	<DL	9950	6.64	22.7
40680	A14-1269-007	GMI14-1697	69900	0.983	<DL	170	0.503	<DL	66800	0.699	15.1	54.2	192	0.362	178	3.17	2.02	1.08	98500	19.5	3.17	<DL	9210	7.29	22.7
40681	A14-1269-008	GMI14-1698	65100	0.899	<DL	174	0.52	<DL	63100	0.77	16.2	52.4	186	0.278	167	3.34	2.08	1.13	96800	19.6	3.31	<DL	9120	7.74	21.5
40682	A14-1269-009	GMI14-1699	63400	1.15	<DL	168	0.547	<DL	64100	0.85	17.5	52.2	171	0.243	163	3.53	2.27	1.16	100000	19.5	3.58	<DL	8430	8.43	20.8
40683	A14-1269-010	GMI14-1700	70600	0.975	<DL	174	0.619	<DL	67700	1.01	19.7	57.2	191	0.491	173	4	2.63	1.26	109000	20.8	3.94	0.052	8480	9.43	22.5
40684	A14-1269-011	GMI14-1701	64600	1.04	<DL	163	0.606	<DL	62200	0.944	19.8	52.5	161	0.43	158	4.06	2.57	1.23	102000	20	4	0.052	8020	9.51	20.4
40685	A14-1269-012	GMI14-1702	67600	1.07	<DL	176	0.675	<DL	66000	0.999	20.3	57	182	0.385	172	4.25	2.64	1.3	109000	21	4.15	0.056	8420	9.69	23.9
40686	A14-1269-013	GMI14-1703	66400	1.14	<DL	180	0.635	<DL	63300	1.02	20.7	54.4	167	0.318	173	4.11	2.66	1.29	106000	21.1	4.08	0.056	8570	10.1	23.3
40687	A14-1269-014	GMI14-1704	64400	0.974	<DL	180	0.638	<DL	63100	1.01	20.4	52.1	160	0.283	163	4.02	2.56	1.25	104000	20.7	4.07	<DL	8490	9.92	23.8
40688	A14-1269-015	GMI14-1705	66600	1.52	<DL	202	0.64	<DL	61400	0.897	20.6	53.9	167	0.374	162	4.09	2.55	1.33	105000	21.5	4.11	0.057	9660	10	24.1
40689	A14-1269-016	GMI14-1706	64700	0.992	<DL	176	0.678	<DL	61200	1.04	21.1	52.4	152	0.259	152	4.22	2.51	1.28	103000	20.7	4.25	0.064	8680	10.1	21.5
40690	A14-1269-017	GMI14-1707	60300	1.16	0.626	202	0.645	<DL	61200	1.12	21.7	53.3	160	0.275	157	4.31	2.64	1.38	105000	21.4	4.24	0.055	8270	10.5	21.6
40691	A14-1269-018	GMI14-1708	62800	0.969	<DL	174	0.64	<DL	61200	1.08	21.9	51.4	156	0.325	155	4.21	2.73	1.35	105000	20.8	4.35	0.056	8000	10.5	19.5
40692	A14-1269-019	GMI14-1709	66700	0.903	<DL	178	0.701	<DL	62200	0.992	23.4	53.6	156	0.384	155	4.54	2.81	1.41	106000	21.1	4.57	0.06	8160	11.3	20.6
40693	A14-1269-020	GMI14-1710	63400	1.08	<DL	170	0.857	<DL	61800	1.39	26.8	53	166	0.36	149	5.13	3.28	1.49	108000	21.2	5.22	0.064	7800	13.2	21.2
40694	A14-1269-021	GMI14-1711	67200	1.09	<DL	168	0.847	<DL	61500	1.47	28.3	50.8	114	0.355	161	5.39	3.36	1.53	109000	21.7	5.5	0.056	7720	14	21.8
40695	A14-1269-022	GMI14-1712	71300	1.39	<DL	185	0.796	<DL	61000	1.13	24.3	49	103	0.353	160	4.69	2.95	1.45	108000	22.7	4.84	0.064	8580	12	20.4
40696	A14-1269-023	GMI14-1713	83000	1.48	<DL	199	0.749	<DL	62900	1.07	24.4	44.1	62.6	0.485	151	4.77	3.01	1.49	104000	24.3	4.73	0.059	9670	12	20.1
40697	A14-1269-024	GMI14-1714	68400	0.939	<DL	176	0.769	<DL	59700	1.25	24.1	50.6	111	0.328	163	4.65	2.88	1.44	107000	21.9	4.72	0.069	7870	11.8	22.6
40698	A14-1269-025	GMI14-1715	66800	1.26	<DL	116	0.795	<DL	67100	1.67	24.3	50.6	78.1	0.425	174	4.67	2.94	1.32	112000	21.4	4.71	0.067	5490	12	

0.128	8060	478	283	5040	2.35	4.24	23.4	328	3.12	2	<DL	29.5	0.033	0.452	21.5	<DL	1.37	<DL	91.4	<DL	0.192	<DL	3850	0.094	<DL	151	1.69	6.5	0.916	46.1
0.581	18900	1170	18.1	30300	5.82	15.2	48.8	2080	2.62	6.82	0.061	15.2	0.037	<DL	44.3	<DL	4.91	1	108	<DL	1.15	<DL	14300	0.068	0.112	404	<DL	37.7	3.99	115
0.429	28200	1130	17.8	44000	5.24	10.5	48.1	907	7.06	4.28	<DL	5.29	<DL	<DL	41.6	1.19	3.47	0.744	62.6	<DL	0.811	<DL	13800	<DL	0.218	523	3.2	24.3	2.92	95.6
0.492	28000	1250	<DL	12900	4.9	12.4	59.4	687	22.4	9.09	<DL	4.95	0.173	0.207	46.4	37.4	3.97	29.6	414	<DL	0.875	<DL	12700	<DL	0.148	448	<DL	31.4	3.34	1180
0.129	16700	556	<DL	45600	5.13	18.1	39.2	1290	47.4	2.42	<DL	2.6	0.052	<DL	17.7	<DL	3.91	0.986	111	<DL	0.451	2.37	3790	<DL	2.21	145	7.84	8.45	0.854	84.2
0.317	16700	569	70.1	24500	3.11	7.23	38.9	572	112	3.78	<DL	4.03	0.041	<DL	26.9	<DL	2.44	<DL	82.4	<DL	0.543	<DL	7730	<DL	0.12	270	3.21	19.6	2.18	54.5
<DL	203	43.7	3.91	133	0.483	0.099	8.61	<DL	1.5	<DL	<DL	0.366	<DL	<DL	0.572	<DL	0.172	<DL	3.12	<DL	<DL	<DL	58.3	<DL	<DL	<DL	<DL	0.121	<DL	7.38
0.691	21000	1240	<DL	27500	6.11	14.4	71	1240	9.73	8.64	<DL	13.7	0.103	0.076	56.1	1.57	4.86	24.2	256	<DL	1.1	<DL	16600	<DL	0.185	587	1.43	38	4.48	710
0.345	34000	1420	3.67	9310	2.8	8.2	79.9	602	7.31	10.2	<DL	1.37	0.221	0.223	52.1	<DL	2.68	<DL	538	<DL	0.609	<DL	13400	<DL	<DL	795	1.19	21.7	2.37	108
0.221	3420	297	20.8	1220	2.3	4.86	11.2	332	7.12	5.14	<DL	0.34	0.111	0.119	7.47	0.797	1.53	<DL	273	<DL	0.309	<DL	1750	<DL	<DL	36.3	2.21	11.6	1.41	16.6
0.499	2760	326	9.45	31500	10.2	22.8	41.2	451	14	5.07	0.117	44	0.052	<DL	10.4	<DL	5.14	4.34	107	<DL	0.882	3.78	2280	0.177	0.918	33.6	<DL	30.9	3.28	125
0.287	7150	223	7.7	20200	7.93	17.4	72.2	671	20.3	3.41	0.113	83.2	0.052	0.084	12.2	<DL	3.76	4.43	95.2	<DL	0.588	3.22	3560	0.379	0.719	101	<DL	17.6	1.92	122
0.388	20400	1090	8.86	16600	6.92	21	71.3	1560	6.15	5.08	0.069	27.5	0.06	0.075	34.9	0.711	5.37	2.75	135	<DL	1.01	1.18	13900	0.2	0.342	387	1.61	25.4	2.85	284
0.387	30700	2180	14.2	9640	5.22	13	64.9	1670	4.8	4.84	<DL	7.77	0.038	<DL	37.3	1.85	4.18	0.967	95.5	<DL	0.939	<DL	16300	0.078	0.112	458	1.49	25.5	2.89	177
0.51	28200	1540	<DL	11300	6.01	13.9	59.2	1440	396	7.76	0.06	2.04	0.097	0.072	47.3	<DL	4.61	1.18	253	<DL	1.01	<DL	16600	<DL	0.1	574	2.35	31.1	3.59	290
0.53	16200	1090	<DL	13300	5.61	10.1	38.9	827	18.8	5.63	<DL	5.8	<DL	<DL	40.1	9.23	3.16	23.2	101	10.9	0.825	<DL	10700	0.067	0.093	401	2.62	32.5	3.38	255
0.39	17800	1080	6.54	34200	4.6	9.92	43.1	994	13	4.11	<DL	0.599	<DL	<DL	34.9	<DL	3.18	<DL	44.9	2.66	0.789	<DL	12000	<DL	0.109	389	5.85	24.8	2.75	117
0.461	10400	761	71.3	30900	4.04	8.55	62.4	885	17.4	3.96	0.051	12.8	<DL	<DL	43.1	25.4	2.75	1.75	69.6	<DL	0.673	<DL	11400	0.063	0.109	398	25	24.5	2.94	93.4
0.361	11100	468	177	24100	3.31	6.93	29.3	450	51.5	3.12	<DL	2.08	<DL	0.079	29.6	15.8	2.22	0.984	30.3	<DL	0.552	<DL	8410	<DL	0.117	223	12.6	21.3	2.38	67.4
0.362	12000	1010	5.66	2110	3.15	7.48	51	487	46.7	4.52	<DL	2.52	0.036	0.342	33.8	15.8	2.33	8.1	138	<DL	0.56	<DL	8890	0.061	0.078	327	1.14	21.6	2.4	116
0.449	10600	903	3.54	2220	3.36	9.07	52.5	816	7.08	4.71	<DL	7	<DL	0.114	36.8	20.4	2.65	3.12	64.9	<DL	0.7	<DL	9600	<DL	0.076	341	1.62	28.4	2.85	102
0.454	17900	1610	3.51	20300	4.07	8.02	48.3	949	9.69	3.94	0.051	5.58	<DL	<DL	45.2	10.3	2.63	<DL	44.6	<DL	0.671	<DL	11700	<DL	0.095	402	5.02	24.2	2.92	97.7
0.18	17400	485	3.08	14400	7.26	12.2	48.1	806	10.7	2.04	0.094	87.9	<DL	15.8	<DL	2.74	3.54	44.1	<DL	0.454	2.36	3930	0.509	0.617	127	1.28	11.7	1.29	229	
0.376	22500	1070	<DL	11000	4.7	11.6	56	1250	4.09	9.56	<DL	0.447	0.16	0.087	32.7	3.15	3.52	<DL	467	<DL	0.84	<DL	14100	<DL	0.104	436	1.77	22.9	2.71	151
0.268	23700	1340	<DL	20800	5.04	10.5	95.4	633	5.97	5.26	0.067	9.48	0.062	<DL	25	<DL	2.67	0.71	246	<DL	0.585	1.04	6410	0.093	0.402	261	<DL	14.3	1.84	96.6
0.412	26500	2280	<DL	19900	7.06	14.1	85	978	6.09	6.05	0.088	33.8	0.054	0.191	35.1	<DL	3.61	1.08	197	<DL	0.781	2.26	8030	0.223	0.659	303	<DL	23.4	2.67	163
0.276	25800	1350	<DL	20900	5.14	10.2	90.5	613	52.9	5.63	0.059	14.1	0.082	<DL	26.2	<DL	2.69	0.768	265	<DL	0.565	1.04	6130	0.12	0.329	237	<DL	15.2	1.89	97.3
0.271	26700	1370	<DL	17700	4.59	9.86	96.5	538	43.9	5.26	0.058	22	0.059	<DL	28.5	<DL	2.4	<DL	228	<DL	0.537	1	6350	0.185	0.3	285	0.803	15	1.83	111
0.253	26000	1290	<DL	13500	4.28	8.97	95.3	498	4.07	4.76	0.066	27	0.052	<DL	28.4	<DL	2.26	<DL	204	<DL	0.5	1.01	5630	0.258	0.303	253	<DL	14.6	1.77	109
0.261	31700	1220	<DL	12400	3.84	8.15	105	484	2.52	4.73	0.063	27.4	0.039	<DL	31.5	<DL	2.11	<DL	183	<DL	0.489	0.966	5000	0.221	0.257	232	<DL	15.2	1.71	98.8
0.283	31000	1220	<DL	13200	4.25	9.16	104	538	2.38	4.88	0.059	26.3	0.039	<DL	30.8	<DL	2.28	<DL	180	<DL	0.517	1.09	5350	0.233	0.292	235	<DL	16.6	1.85	102
0.293	28500	1230	<DL	13100	4.57	9.39	98.7	555	2.21	4.73	0.052	22.6	0.035	<DL	29	<DL	2.52	<DL	171	<DL	0.533	1.12	5360	0.216	0.322	230	<DL	16.5	1.88	103
0.303	26400	1230	<DL	13900	4.97	10.4	95.9	594	2.2	4.87	0.072	18.8	0.041	<DL	28.3	<DL	2.73	<DL	166	<DL	0.585	1.14	5920	0.19	0.311	236	<DL	17.3	2.08	103
0.368	31800	1330	<DL	14500	5.47	11.6	102	675	2.64	5.55	0.07	25.1	0.04	<DL	32.7	<DL	3.02	0.819	168	<DL	0.674	1.38	6490	0.201	0.349	260	<DL	21.4	2.36	116
0.341	26000	1250	<DL	13500	5.57	11.7	89.6	682	2.57	5.17	0.085	21.4	0.03	<DL	28.4	<DL	3.01	0.721	157	<DL	0.674	1.37	6450	0.191	0.377	250	<DL	20.4	2.33	111
0.36	28800	1340	<DL	14200	5.78	11.8	99.1	720	2.87	5.52	0.09	21.9	0.041	<DL	31.3	<DL	3.1	0.815	165	<DL	0.704	1.37	6740	0.208	0.387	265	<DL	21.2	2.43	120
0.364	27300	1290	<DL	15100	5.75	11.9	92.9	714	2.7	5.52	0.076	22.5	0.037	<DL	30.4	<DL	3.16	0.776	174	<DL	0.701	1.39	6650	0.205	0.374	260	<DL	20.6	2.41	114
0.34	25800	1260	<DL	15200	5.66	11.7	91.7	698	2.96	5.32	0.084	21.5	0.038	<DL	29.2	<DL	2.96	0.771	173	<DL	0.668	1.38	6520	0.194	0.374	255	<DL	20.1	2.35	114
0.363	27800	1300	<DL	14500	5.83	11.9	91.6	691	3.81	5.61	0.088	27.9	0.047	<DL	30.9	<DL	3.09	0.99	177	<DL	0.696	1.47	6600	0.218	0.399	262	<DL	20.8	2.39	119
0.354	24800	1260	<DL	14000	5.94	12.4	86	709	3.05	5.22	0.069	20.6	0.039	<DL	29.1	<DL	3.2	0.847	161	<DL	0.699	1.47	6390	0.183	0.41	246	<DL	20.1	2.4	119
0.363	23400	1300	<DL	13800	7.14	12.8	86.8	740	3.29	5.26	0.071	18.7	0.036	<DL	28.1	<DL	3.29	0.984	173	<DL	0.711	1.56	6680	0.201	0.416	246	0.837	19.5	2.41	119
0.351	24000	1290	<DL	13900	6.19	12.8	82.5	745	2.94	5.37	0.085	20.1	0.042	<DL	29.2	<DL	3.26	0.894	163	<DL	0.72	1.43	6620	0.186	0.393	247	<DL	20.7	2.47	122
0.385	24700	1280	<DL	14800	6.51	13.8	83.3	822	3.2	5.7	0.103	22	<DL	<DL	29.5	<DL	3.43	0.958	168	<DL	0.758	1.58	6320	0.202	0.434	234	<DL	22.3	2.56	121
0.442	23200	1290	<DL	15100	7.62	15.5	84.5	984	3.34	6.09	0.122	19.3	0.032	<DL	28.2	<DL	3.98	1.12	166	<DL	0.866	1.8	6300	0.191	0.512	211	<DL	25	2.93	131
0.469																														

40710	A14-1269-037	GMI14-1727	62200	1.24	<DL	138	0.616	<DL	63800	0.982	17.8	59.8	164	0.217	198	3.62	2.26	1.14	114000	19.6	3.7	0.058	7200	8.78	18.7
40711	A14-1269-038	GMI14-1728	70000	1.1	<DL	143	0.565	<DL	65600	0.694	15.4	53.5	185	0.167	166	2.85	1.79	1.03	97500	18.8	3.01	<DL	8260	7.98	20.2
40712	A14-1269-039	GMI14-1729	75800	0.815	<DL	154	0.565	<DL	67800	0.807	15.6	51.1	110	0.221	157	3.13	2	1.07	95600	19.5	3.2	<DL	9070	7.67	18.2
40713	A14-1269-040	GMI14-1730	71000	1.04	<DL	149	0.505	<DL	67100	0.636	13.5	52.9	174	0.186	162	2.82	1.73	0.986	94700	18.3	2.87	<DL	9200	6.64	19.2
40714	A14-1269-041	GMI14-1731	66600	0.623	<DL	127	0.497	<DL	66000	0.73	14	54.8	197	0.201	172	3.03	1.83	0.972	99000	17.4	3.01	<DL	7260	6.93	18.2
40715	A14-1269-042	GMI14-1732	67400	1.25	<DL	229	0.566	<DL	62200	0.874	15.5	54.7	239	0.173	156	3.19	2.03	1.2	98300	21	3.33	<DL	10900	7.7	23.3
40716	A14-1269-043	GMI14-1733	67900	1.3	<DL	143	0.654	<DL	65900	0.899	17.1	56.1	190	0.207	176	3.5	2.22	1.13	106000	19.4	3.69	<DL	7850	8.39	18.8
40717	A14-1269-044	GMI14-1734	67400	0.869	<DL	142	0.557	<DL	63700	0.801	15.4	53.6	193	0.26	164	3.28	2.01	1.08	98800	18.2	3.27	<DL	7490	7.47	22.2
40718	A14-1269-045	GMI14-1735	68200	0.872	<DL	152	0.551	<DL	67500	0.751	15.2	54.8	211	0.286	156	3.21	2.07	1.07	100000	18.5	3.29	<DL	7960	7.67	21.9
40719	A14-1269-046	GMI14-1736	69900	1.19	<DL	221	0.525	<DL	64100	0.804	15.3	53.9	209	0.201	160	3.24	2.01	1.16	96600	20.5	3.25	<DL	10900	7.52	24.1
40720	A14-1269-047	GMI14-1737	62600	1.03	<DL	179	0.503	<DL	67700	0.712	13.3	52.7	209	0.137	154	2.86	1.76	1.01	92600	17.8	2.76	<DL	9210	6.61	24.5
40721	A14-1269-048	GMI14-1738	71500	0.921	<DL	193	0.603	<DL	66900	0.8	15.7	55.5	186	0.298	185	3.34	2.22	1.18	103000	20.3	3.4	<DL	9890	7.82	20.6
40722	A14-1269-049	GMI14-1739	72600	0.944	<DL	202	0.595	<DL	64000	0.808	16.8	54.1	179	0.246	159	3.49	2.22	1.22	101000	20.7	3.51	0.054	10500	8.24	23.6
40723	A14-1269-050	GMI14-1740	65700	1.21	<DL	173	0.572	<DL	65600	0.839	16.5	53.8	200	0.18	154	3.52	2.06	1.18	98600	19	3.53	<DL	9150	8.14	25.2
40724	A14-1269-051	GMI14-1741	61900	0.986	<DL	131	0.541	<DL	62200	0.793	15.2	55.8	192	0.15	175	3.02	1.86	0.999	101000	17.8	3.2	<DL	7350	7.32	15.7

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40822	A14-1213-025	GMI14-1656	74200	0.898	<DL	407	2.34	<DL	28900	1.2	75.5	30.2	204	0.101	199	2.69	1.59	2.07	51500	32	6.81	<DL	9370	39	21.6
40822	A14-1213-025	GMI14-1656 DUP	76200	0.474	<DL	407	2.38	<DL	29800	1.21	74	30.1	201	0.121	203	2.7	1.56	2.05	51400	31.7	6.85	<DL	9250	38.7	22.9
40969	A14-1226-015	GMI14-1681	59900	2.01	<DL	27.3	0.43	<DL	57700	1.14	18	45.1	164	0.064	73.3	6.46	4.01	1.81	122000	21.9	5.84	0.093	1990	6.45	21
40969	A14-1226-015	GMI14-1681 DUP	61600	2.31	<DL	28.5	0.438	<DL	59100	1.13	18.5	46	171	0.066	74.1	6.64	4.14	1.85	125000	22.3	6.14	0.096	2030	6.57	21.5
40689	A14-1269-016	GMI14-1706	64700	0.992	<DL	176	0.678	<DL	61200	1.04	21.1	52.4	152	0.259	152	4.22	2.51	1.28	103000	20.7	4.25	0.064	8680	10.1	21.5
40689	A14-1269-016	GMI14-1706 DUP	67900	1.04	<DL	176	0.686	<DL	63200	1.08	21.5	52.8	155	0.302	156	4.23	2.72	1.31	104000	21.1	4.34	0.051	8750	11.8	22.5
40724	A14-1269-051	GMI14-1741	61900	0.986	<DL	131	0.541	<DL	62200	0.793	15.2	55.8	192	0.15	175	3.02	1.86	0.999	101000	17.8	3.2	<DL	7350	7.32	15.7
40724	A14-1269-051	GMI14-1741 DUP	59800	0.702	<DL	130	0.531	<DL	59900	0.719	14.7	54.4	188	0.113	169	2.87	1.75	0.985	98000	17.4	3.06	<DL	7170	7.11	14.9



0.312	25700	1370	<DL	13500	5.15	10.6	95.5	649	2.79	4.57	0.071	14.4	0.031	<DL	31.1	<DL	2.79	0.757	147	<DL	0.604	1.17	7060	0.155	0.357	311	<DL	16.8	2.08	125
0.238	25600	1190	<DL	13300	4.07	8.65	102	520	2.32	4.22	0.058	15.1	<DL	<DL	27.2	<DL	2.22	<DL	160	<DL	0.475	1.01	5210	0.159	0.347	249	<DL	13.4	1.62	103
0.279	25400	1190	<DL	15300	4.45	9.07	88.5	579	2.17	4.96	<DL	19.5	0.044	<DL	27.3	<DL	2.39	<DL	175	<DL	0.508	1.09	5490	0.175	0.294	250	<DL	15.7	1.8	104
0.246	27800	1190	<DL	13900	3.81	7.97	97.2	506	2.09	4.31	0.091	18.8	0.034	<DL	27.4	<DL	2.14	<DL	161	<DL	0.471	0.95	5180	0.161	0.261	246	<DL	13.4	1.63	96.5
0.26	29500	1260	<DL	13100	4.08	8.26	104	548	2.04	4.25	0.051	14.5	<DL	<DL	28.4	<DL	2.12	<DL	143	<DL	0.496	0.96	5370	0.141	0.262	259	<DL	14.3	1.69	99.9
0.271	29300	1230	<DL	13600	4.56	9.45	110	615	4.18	4.57	0.071	24.3	0.032	<DL	28.7	<DL	2.46	<DL	159	<DL	0.554	1.02	5470	0.237	0.291	248	<DL	15.2	1.75	111
0.299	27800	1310	<DL	14100	5.03	10.1	99.8	672	2.36	4.89	0.059	16.6	0.036	<DL	29.8	<DL	2.71	0.718	152	<DL	0.587	1.16	6270	0.181	0.334	288	<DL	16.9	2.03	113
0.275	29000	1220	<DL	13600	4.39	9.08	100	605	2.52	4.4	0.069	17.6	<DL	<DL	29.5	<DL	2.4	<DL	143	<DL	0.527	1.04	5580	0.174	0.278	258	<DL	15.6	1.89	104
0.279	31600	1250	<DL	14000	4.56	9.21	104	616	2.09	4.63	0.053	19.2	<DL	<DL	29.9	<DL	2.38	<DL	144	<DL	0.536	1.04	5550	0.182	0.272	255	<DL	16.1	1.81	104
0.277	32100	1250	<DL	15300	4.28	8.89	105	770	3.3	4.65	<DL	28.2	0.033	<DL	31.2	<DL	2.37	<DL	152	<DL	0.528	1.08	5240	0.211	0.28	250	<DL	16	1.82	106
0.232	28700	1150	<DL	13700	3.87	7.98	104	569	2.06	4.27	0.062	18.2	<DL	<DL	26.9	<DL	2.22	<DL	146	<DL	0.469	0.862	5020	0.203	0.241	240	<DL	13.5	1.62	89
0.293	32800	1300	<DL	15800	4.6	9.27	100	637	2.23	4.97	0.085	27.9	0.043	<DL	33.6	<DL	2.56	<DL	162	<DL	0.568	1.1	6010	0.223	0.294	295	<DL	17.6	1.97	111
0.305	29400	1260	<DL	16500	4.83	9.82	98.9	664	2.45	5.26	0.067	26.1	0.034	<DL	29.7	<DL	2.57	<DL	171	<DL	0.591	1.15	5690	0.21	0.299	258	<DL	16.9	2.03	106
0.276	27800	1220	<DL	16300	4.79	9.78	104	681	2.49	5.08	0.082	20.2	0.047	<DL	27.8	<DL	2.56	<DL	168	<DL	0.554	1.08	5630	0.184	0.315	250	<DL	15.7	1.88	105
0.241	23000	1260	<DL	11900	4.32	9.11	105	626	2.27	3.97	0.071	12.7	<DL	<DL	24.6	<DL	2.39	<DL	135	<DL	0.494	0.904	5790	0.145	0.303	269	<DL	13.1	1.68	109

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.185	21000	959	4.22	45700	10.5	28.6	86.4	450	17.5	9.56	0.112	17.2	0.257	<DL	16.2	<DL	5.12	0.759	596	<DL	0.631	9.72	3470	0.107	6.68	188	<DL	11.6	1.3	148	
0.197	23200	961	4.12	46000	10.1	28.2	85.5	461	17.4	9.94	0.121	18.4	0.249	<DL	16.9	<DL	4.84	<DL	613	<DL	0.644	10.8	3430	0.117	7	186	<DL	12.2	1.35	148	
0.51	28200	1540	<DL	11300	6.01	13.9	59.2	1440	396	7.76	0.06	2.04	0.097	0.072	47.3	<DL	4.61	1.18	253	<DL	1.01	<DL	16600	<DL	0.1	574	2.35	31.1	3.59	290	
0.512	29100	1570	<DL	11600	6.2	14.5	60.8	1470	405	8.08	<DL	2.12	0.101	0.091	48.6	<DL	4.77	1.22	259	<DL	1.05	<DL	16800	<DL	0.115	581	2.46	32.2	3.67	295	
0.354	24800	1260	<DL	14000	5.94	12.4	86	709	3.05	5.22	0.069	20.6	0.039	<DL	29.1	<DL	3.2	0.847	161	<DL	0.699	1.47	6390	0.183	0.41	246	<DL	20.1	2.4	119	
0.364	27000	1290	<DL	14600	5.95	12.6	87.7	729	3.09	5.36	0.087	22.8	0.034	<DL	30.8	<DL	3.33	0.823	164	<DL	0.7	1.5	6540	0.186	0.394	249	<DL	21.2	2.45	120	
0.241	23000	1260	<DL	11900	4.32	9.11	105	626	2.27	3.97	0.071	12.7	<DL	<DL	24.6	<DL	2.39	<DL	135	<DL	0.494	0.904	5790	0.145	0.303	269	<DL	13.1	1.68	109	
0.233	21800	1230	<DL	11500	4.2	8.64	103	615	2.19	3.72	0.072	11.9	<DL	<DL	23.6	<DL	2.3	<DL	131	<DL	0.497	0.719	5580	0.148	0.271	261	<DL	12.4	1.56	108	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2790	4.38							20100			240000				15000						
		CRM PTM-1a #2		2740	2.72							20900			247000				15500						
		CRM PTM-1a #3		2240	3.59							17600			204000				13500						
		CRM PTM-1a #4		2300	3.89							17600			200000				15000						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	48600	3.94		399	0.333	2.36	26400	4.02	39.1	664	343	0.318	10900	1.66	0.91	1.42	262000	22.1	3.99		7560	18.7	
		CRM SU-1b #2	48700	3.94		400	0.338	3.03	26500	4.08	39.3	662	345	0.307	11200	1.65	0.891	1.39	264000	22.5	4.02		7610	18.6	
		CRM SU-1b #3	46800	2.7		342	0.527	2.97	24200	3.57	29.7	558	294	0.326	9210	1.37	0.757	1.18	236000	19.1	3.16		6890	15.9	
		CRM SU-1b #4	49700	3.81		361	0.606	2.31	25200	3.57	31.5	580	314	0.313	9520	1.52	0.822	1.24	246000	19.8	3.26		7270	17.1	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	58700	23.8		130		37.7	25700	10.7		163	205	0.466	2350				216000	48.1		1.83	5680	8.14	11
		CRM RTS-3a #2	60100	21.8		132		34.8	26000	11.1		166	210	0.488	2400				220000	49.6		1.94	5860	8.67	11.1
		CRM RTS-3a #3	53500	18		107		29.3	22500	9.61		132	167	0.41	1840				186000	39.8		1.61	4940	7	14.3
		CRM RTS-3a #4	56600	20.2		110		30	23300	10.2		135	173	0.386	1880				190000	41.1		1.66	5100	6.93	15.7
		<b>Certified Values:</b>																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	69300	24.3		689	1.09		18100	1.62	103	33.2	78.7	2.57	46.4	5.3		2.64	41400				20100	50.9	20.4
		CRM LKSD-3 #2	74400	25.6		737	1.18		19400	1.78	106	34.7	84.5	2.71	45.7	5.56		2.86	43800				21600	54.2	21.6
		CRM LKSD-3 #3	72500	20.8		652	1.77		18500	1.56	85.4	30	72.9	2.43	33.5	4.99		2.4	40000				20500	49.1	29.4
		CRM LKSD-3 #4	73200	20.5		643	1.97		18100	1.68	80.9	29.2	71.2	2.38	31.9	4.76		2.29	39200				20100	48.1	30.8

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		<b>Actual Spike Values:</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>			<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>
		Spike #1		10.2	6.93	10.1	8.69	10.5		10.1	11			10.5		10.7	10.6	10.8		10.3	10.5	10.3		10.5	8.69
		Spike #4		11	6.56	10.2	6.89	10.8		10.5	12.1			10.8		11.1	11.1	11.3		10.3	12.1	10.3		10.8	7.3
		Spike #7		9.52	6.82	9.22	9.58	9.69		9.61	9.46			9.68		9.7	9.65	9.44		9.16	9.63	9.65		9.67	9.7
		Spike #10		9.91	6.26	9.38	10.5	9.82		9.8	9.6			9.85		9.64	9.55	9.59		9.52	9.68	9.92		9.83	10.2
		<b>Actual Spike Values:</b>				<b>100</b>						<b>100</b>	<b>100</b>		<b>100</b>										
		Spike #2				92						91.1	91.9		91.6										
		Spike #5				96.4						97.6	97.1		108										
		Spike #8				104						103	103		102										
		Spike #11				84.6						83.9	83.8		79.7										
		<b>Actual Spike Values:</b>	<b>10000</b>						<b>10000</b>										<b>10000</b>				<b>10000</b>		
		Spike #3	11000						11200										11100				11300		
		Spike #6	9140						9170										9430				9290		
		Spike #9	10800						10700										10800				10900		
		Spike #12	11000						10600										11600				10700		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-023

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

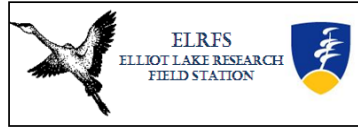
**Client Contact Information:**

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Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1268 (52) & 14-1270 (50)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 52 + 50  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 20, 2015 / Troy Maki  
Submission Date: 2015 02 03

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02	
40622	A14-1268-001	GMI14-1742	58000	0.949	1.57	166	1.46	<DL	66000	0.383	18.7	48.7	315	0.198	79.1	1.83	1.14	0.833	77800	18.4	2.4	<DL	4160	9.6	17.6
40623	A14-1268-002	GMI14-1743	<DL	<DL	0.591	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	0.046	2.35	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	0.056
40624	A14-1268-003	GMI14-1744	56400	0.884	0.76	91.7	1.58	0.368	61300	0.379	20.2	46.2	285	0.162	78	1.75	1.06	0.688	80000	17.5	2.2	<DL	4420	13.7	23
40625	A14-1268-004	GMI14-1745	60000	2.11	0.684	389	0.615	<DL	62000	1.04	28.2	57.9	133	0.377	191	4.99	3.12	1.77	117000	25.9	5.04	0.08	12700	13.2	16.3
40626	A14-1268-005	GMI14-1746	61200	0.943	0.573	111	1.63	0.377	44200	0.676	25.7	38.6	242	0.102	146	1.69	1.03	0.745	62300	19.3	2.62	<DL	3190	14.4	14.7
40627	A14-1268-006	GMI14-1747	51500	0.563	0.505	56.5	2.25	<DL	51500	0.383	17.3	46.6	288	0.086	53	1.58	1.02	0.597	77600	16	2.02	<DL	3720	12	21.1
40628	A14-1268-007	GMI14-1748	51900	0.48	<DL	91.4	1.88	<DL	54100	0.398	22.4	47.8	284	0.068	34.2	1.71	1.04	0.707	78200	16.8	2.37	<DL	3630	15.2	17.7
40629	A14-1268-008	GMI14-1749	55700	0.646	<DL	81	1.82	<DL	51100	0.486	26.7	42.8	275	0.065	44.7	1.75	1.14	0.693	71500	17.2	2.6	<DL	3230	16.4	13
40630	A14-1268-009	GMI14-1750	58000	1.08	<DL	65.8	0.821	<DL	73900	0.331	24.4	51.7	306	0.062	101	2.18	1.31	0.777	84100	15.8	2.87	<DL	3090	13.4	12.2
40631	A14-1268-010	GMI14-1751	61600	0.543	<DL	116	1.07	<DL	70500	0.56	25.4	50.5	306	0.066	111	2.03	1.25	0.934	82000	18.4	3.06	<DL	4170	13.7	13
40632	A14-1268-011	GMI14-1752	66000	0.67	<DL	719	1.37	<DL	38800	0.864	58.6	32.7	210	0.077	72.2	2.48	1.32	2.4	58000	35	5.69	<DL	15300	27.6	12.7
40633	A14-1268-012	GMI14-1753	51800	0.635	<DL	275	2.19	0.427	34500	0.446	62.8	45.1	274	0.089	87.6	1.67	1.01	1.03	72700	22.1	3.86	<DL	9570	53.9	25.4
40634	A14-1268-013	GMI14-1754	52200	0.717	<DL	328	2.56	0.321	29500	0.685	41.7	40.2	255	0.094	153	1.71	1.07	1.11	66800	23.9	3.21	<DL	6960	29.7	24.5
40635	A14-1268-014	GMI14-1755	49700	0.567	<DL	97.1	1.36	<DL	47100	0.402	13.6	49.6	299	0.07	142	1.65	1.04	0.644	82100	17.2	1.87	<DL	5490	8.5	22.5
40636	A14-1268-015	GMI14-1756	62700	0.606	<DL	378	1.24	<DL	44200	0.788	45.2	37.1	240	0.076	88.6	2.22	1.29	1.6	66200	25	4.64	<DL	8680	23.3	12.5
40637	A14-1268-016	GMI14-1757	50600	0.71	<DL	112	0.494	<DL	54000	0.301	8.77	49.8	287	0.109	103	1.69	1.05	0.632	81600	16.1	1.65	<DL	5510	5.24	17
40638	A14-1268-017	GMI14-1758	58700	0.536	<DL	256	2.02	<DL	32300	0.831	35.2	34.8	230	0.107	42.5	1.69	1.04	1.02	60500	22.4	2.87	<DL	12100	20.9	17.9
40639	A14-1268-018	GMI14-1759	68800	0.687	<DL	421	1.9	<DL	27600	1.01	33	27.2	197	0.091	75.7	1.6	1.04	1.31	48300	28.5	3.06	<DL	17500	18.8	15.4
40640	A14-1268-019	GMI14-1760	48200	0.353	<DL	121	1.09	<DL	41600	0.422	8.38	48.9	280	0.135	126	1.57	0.981	0.637	80400	16.9	1.6	<DL	7500	4.69	33.7
40641	A14-1268-020	GMI14-1761	71900	0.433	<DL	824	1.76	<DL	24700	1.3	89.5	22.6	137	0.107	44.1	2.69	1.48	3.12	44800	41.1	8.09	<DL	17300	38	15.1
40642	A14-1268-021	GMI14-1762	47000	0.406	<DL	98.1	1.43	<DL	44100	0.347	15	48.2	277	0.091	63.6	1.55	0.949	0.672	77900	16.2	1.97	<DL	5550	9.8	22.7
40643	A14-1268-022	GMI14-1763	59700	0.73	<DL	236	0.538	<DL	58000	0.367	10.5	49.1	279	0.257	108	1.84	1.19	0.875	80000	20.4	1.85	<DL	7750	6.65	22.8
40644	A14-1268-023	GMI14-1764	58200	0.314	<DL	173	0.614	<DL	58400	0.438	8.97	52	292	0.286	109	1.87	1.23	0.82	84700	18.2	1.82	<DL	8210	4.47	26.6
40645	A14-1268-024	GMI14-1765	49100	0.598	<DL	122	0.914	<DL	48400	0.48	14.3	47.3	273	0.112	92.2	1.56	0.972	0.634	77600	16.7	1.83	<DL	6630	10.8	21.4
40646	A14-1268-025	GMI14-1766	49700	1.69	<DL	211	1.18	0.404	45000	0.553	12.7	44.4	274	0.113	201	1.64	1.02	0.828	73500	19.1	1.84	<DL	6080	8.14	21.2
40647	A14-1268-026	GMI14-1767	58800	0.905	0.718	181	0.566	<DL	63900	0.444	8.33	50.8	294	0.3	105	2.01	1.3	0.842	83000	18	1.84	<DL	7170	4.38	11.5
40648	A14-1268-027	GMI14-1768	50500	0.298	0.516	98.7	1.59	<DL	42900	0.787	38.3	43.9	261	0.083	99.7	1.86	1.18	0.822	73700	17.9	3.44	<DL	5070	23.9	16.4
40649	A14-1268-028	GMI14-1769	57600	0.568	<DL	402	1.47	<DL	43700	0.566	30.5	37.9	250	0.14	65.3	1.8	1.16	1.31	65500	25.1	3.06	<DL	10800	17.9	14.4
40650	A14-1268-029	GMI14-1770	53400	2.44	0.503	370	0.523	<DL	56300	1.05	28.3	55.6	128	0.239	187	4.91	3.06	1.78	111000	25.2	5.22	0.064	12000	12.9	13.8
40651	A14-1268-030	GMI14-1771	52300	0.607	<DL	105	0.854	<DL	58300	0.552	16.1	49.3	291	0.08	135	1.85	1.17	0.693	82000	16.8	2.17	<DL	4470	9.8	13.4
40652	A14-1268-031	GMI14-1772	52000	0.736	<DL	157	1.1	<DL	55600	0.534	12.5	48.9	282	0.091	142	1.84	1.13	0.762	79100	17.6	2.05	<DL	6280	6.35	14.6
40653	A14-1268-032	GMI14-1773	51500	0.694	<DL	188	1.43	0.324	45800	0.705	17	44.9	275	0.071	102	1.75	1.04	0.83	71900	19.9	2.19	<DL	6710	9.56	20.8
40654	A14-1268-033	GMI14-1774	51900	1.8	<DL	71.7	2.09	0.385	42800	0.404	20.1	47.9	280	0.056	91.9	1.73	1.09	0.671	73100	17	2.26	<DL	4340	13.7	18
40655	A14-1268-034	GMI14-1775	69500	1.04	<DL	445	2.14	<DL	31000	1.04	37.4	32.1	221	0.135	95.7	2	1.17	1.51	53100	28.7	3.64	<DL	14700	20.4	21.8
40656	A14-1268-035	GMI14-1776	63300	0.778	<DL	370	1.74	0.315	30700	0.749	34	34.6	236	0.109	71.9	1.9	1.12	1.37	53600	26.1	3.39	<DL	10400	18.8	19.7

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.139	20000	1160	<DL	20500	5.09	9.02	146	217	10	4.67	<DL	3.5	0.109	0.208	24.3	<DL	1.96	0.72	282	7.89	0.331	1.33	4670	<DL	0.725	248	1.95	7.83	0.957	128	
<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0.133	23100	1150	<DL	18100	3.93	7.94	139	155	9.23	5.89	<DL	3.69	0.137	0.126	22.9	<DL	1.61	<DL	363	2.01	0.298	1.58	4500	<DL	1.36	246	1.46	7.54	0.958	143	
0.411	26000	2390	<DL	19600	7.3	15.7	91.6	907	6.18	5.62	0.094	34.2	0.061	0.2	35.1	<DL	3.94	1.22	213	<DL	0.825	2.28	8210	0.214	0.655	314	1.05	23.5	2.86	171	
0.12	18300	869	4.16	32600	5.85	9.94	108	126	15.9	4.49	<DL	2.62	0.1	<DL	18.3	<DL	1.9	<DL	277	<DL	0.308	3.25	3520	<DL	2.9	204	1.03	7.34	0.911	113	
0.126	24600	1130	<DL	20600	3.72	6.17	140	114	8.96	3.34	<DL	2.77	0.057	<DL	21.1	<DL	1.35	<DL	197	<DL	0.264	2.23	4620	<DL	2.67	241	1.1	6.95	0.885	138	
0.129	23500	1210	<DL	21000	2.83	8.06	143	138	9.9	4	<DL	2.66	0.082	<DL	22.2	<DL	1.64	<DL	247	<DL	0.295	0.992	4570	<DL	0.899	248	0.978	7.32	0.903	144	
0.136	20000	1080	<DL	28900	3.66	9.65	131	137	8.78	4.46	<DL	2.38	0.089	<DL	21.2	<DL	1.96	<DL	274	<DL	0.302	2.67	4250	<DL	1.49	233	0.901	7.64	0.953	127	
0.154	22600	1260	<DL	21300	2.49	10.5	153	220	7.15	4.63	<DL	3.36	0.088	<DL	24.9	<DL	2.19	<DL	259	<DL	0.356	<DL	4760	<DL	0.446	260	0.842	9.47	1.21	111	
0.151	19800	1210	<DL	23700	2.97	11	151	220	10.5	6.58	<DL	3.57	0.162	<DL	25.2	<DL	2.26	<DL	390	<DL	0.366	1.09	4830	<DL	0.683	262	0.884	8.83	1.08	125	
0.139	17200	765	<DL	35700	4.57	26.7	90.6	550	13.8	8.86	0.085	16.2	0.237	<DL	17.5	<DL	4.87	0.854	569	<DL	0.584	4.13	3570	0.109	1.66	198	<DL	10.2	1.04	104	
0.11	25000	1070	3.71	24800	4.24	13.2	132	110	17.4	4.7	0.057	9.31	0.101	<DL	19.6	<DL	2.06	<DL	284	<DL	0.348	2.75	4140	0.074	2.76	227	<DL	7.08	0.933	152	
0.123	25100	1020	<DL	26000	5.51	11.9	113	92.2	11.5	3.55	0.062	5.24	0.061	<DL	18.6	<DL	2.12	<DL	197	<DL	0.324	4.55	3940	<DL	2.51	227	<DL	7.51	0.93	162	
0.123	23900	1120	<DL	18400	2.85	5.74	148	135	6.99	4.03	<DL	5.21	0.091	<DL	20.3	<DL	1.44	<DL	248	<DL	0.264	0.98	4690	<DL	0.899	252	<DL	6.76	0.845	137	
0.143	19700	856	<DL	33600	4.03	20.3	107	436	8.28	6.01	0.079	9.81	0.126	<DL	19.2	<DL	3.87	<DL	330	<DL	0.492	2.93	3930	0.064	1.33	216	<DL	9.54	0.985	100	
0.125	24900	1020	8.08	15900	1.67	4.33	146	122	3.97	3.16	<DL	10.3	0.059	<DL	21.9	<DL	1.21	<DL	176	<DL	0.259	<DL	4670	0.084	0.278	245	<DL	7.22	0.94	92.6	
0.137	21700	752	<DL	27900	7.49	11.3	101	86.1	6.67	3.48	0.08	16.9	0.067	<DL	17.1	<DL	2.1	<DL	194	<DL	0.321	7.85	3530	0.116	3.88	207	<DL	7.52	0.949	114	
0.127	16100	575	<DL	33300	6.38	12.5	80.8	84.4	9.76	3.39	0.095	21.1	0.057	<DL	15.6	<DL	2.23	<DL	198	<DL	0.316	12.3	3220	0.145	6.34	175	<DL	7.6	0.909	101	
0.121	32900	1030	30	15900	2.3	4.14	141	91.2	6.5	2.9	<DL	8.29	0.044	<DL	21.5	<DL	1.21	<DL	150	<DL	0.258	<DL	4500	0.083	0.898	244	<DL	6.94	0.88	134	
0.15	13700	503	<DL	41500	7.44	41.1	59	680	7.57	8.25	0.114	21.1	0.206	<DL	12.5	<DL	7.16	1.09	499	<DL	0.739	9.54	3240	0.122	3.56	158	<DL	10.9	1.05	105	
0.118	27200	1050	<DL	18600	2.47	6.08	144	124	10.7	3.08	<DL	5.01	0.05	<DL	20	<DL	1.43	<DL	162	<DL	0.259	<DL	4520	<DL	0.891	244	<DL	6.58	0.874	122	
0.152	35700	1060	7.82	20900	2.14	4.83	147	107	10.1	4.45	<DL	15.8	0.084	<DL	26.4	<DL	1.37	<DL	236	<DL	0.295	0.875	4530	0.108	0.594	243	0.852	9.27	1.14	88.3	
0.154	34600	1120	16.4	17700	2.93	4.97	154	119	5.4	4.15	<DL	17.8	0.083	<DL	26.6	<DL	1.42	<DL	225	<DL	0.297	0.791	4680	0.136	0.777	250	<DL	9.09	1.1	93.9	
0.128	26700	1080	5.97	18600	2.75	5.15	140	102	11	3.43	<DL	8.89	0.062	<DL	20.9	<DL	1.3	<DL	186	<DL	0.262	2.51	4410	0.075	1.35	235	<DL	7.12	0.898	100	
0.131	26000	1010	4.85	21000	3.33	5.31	133	102	9.41	3.67	<DL	7.7	0.069	0.075	21	<DL	1.38	<DL	203	<DL	0.266	0.984	4190	0.06	0.828	225	1.17	7.29	0.921	114	
0.167	32000	1060	<DL	18400	3.96	4.8	151	160	6.73	3.58	<DL	16.7	0.049	<DL	27.8	<DL	1.4	<DL	166	<DL	0.316	2.16	4790	0.106	1.23	246	1.14	9.97	1.2	82.2	
0.143	24400	948	<DL	23200	5.15	12.3	129	155	7.86	3.28	0.055	4.96	0.055	<DL	19	<DL	2.3	0.755	164	<DL	0.366	5.12	4390	<DL	2.52	225	<DL	7.88	1.01	108	
0.131	19100	835	4.07	25600	5.19	11.6	110	205	9.53	4.68	<DL	15.5	0.091	<DL	19	<DL	2.19	<DL	264	<DL	0.346	2.1	3800	0.096	1.51	209	<DL	8.02	1	97.9	
0.382	22800	2240	<DL	17800	7.09	15.5	90.7	867	6.02	5.66	0.109	29.4	0.075	0.204	30.5	<DL	3.92	1.24	199	<DL	0.809	2.13	7890	0.203	0.651	297	<DL	21.5	2.59	164	
0.153	22500	1030	<DL	19000	2.97	6.44	140	144	7.22	4.12	0.065	5.42	0.082	<DL	22.5	<DL	1.55	<DL	225	<DL	0.297	1.48	4580	<DL	1.14	248	<DL	8.27	1.08	90.8	
0.147	26500	1080	<DL	19400	2.89	5.92	143	136	6.82	3.85	<DL	8.2	0.07	<DL	22.3	<DL	1.51	<DL	205	<DL	0.286	1.29	4420	0.063	1.2	242	<DL	8.35	1.06	101	
0.126	24400	999	4.46	19400	3.16	7.32	131	123	9.37	5.1	<DL	6.37	0.12	<DL	20	<DL	1.71	<DL	299	<DL	0.29	1.67	4280	<DL	1.19	227	<DL	7.25	0.912	133	
0.132	23800	1140	<DL	24500	2.8	7.17	135	133	11.7	3.23	<DL	3.3	0.056	<DL	21	<DL	1.69	0.775	172	<DL	0.298	0.987	4580	<DL	1.26	256	<DL	7.18	0.967	155	
0.138	15700	615	<DL	35800	7.54	14.5	93.9	131	12.4	5.68	0.087	21.3	0.12	0.094	16.2	<DL	2.72	0.844	329	<DL	0.393	6.3	3530	0.148	4.25	196	<DL	8.62	1.04	112	
0.13	16000	648	<DL	32400	5.66	13.8	104	97.6	14.6	5.97	<DL	15.4	0.153	0.076	16.9	<DL	2.52	0.809	358	<DL	0.368	5.32	3640	0.099	3.49	203	<DL	7.87	0.969	123	

40657	A14-1268-036	GMI14-1777	49000	0.641	<DL	82.3	1.64	0.372	35900	0.402	11.4	47.1	285	0.063	106	1.69	1.05	0.627	72300	17.3	1.79	<DL	4950	6.49	25.9
40658	A14-1268-037	GMI14-1778	52600	0.473	<DL	139	1.96	0.577	21700	0.582	25.1	42.1	234	0.072	224	1.5	0.874	0.758	65200	22.4	2.4	<DL	6190	14.3	34.1
40659	A14-1268-038	GMI14-1779	55200	0.909	<DL	160	1.21	0.362	60500	0.568	16.2	48.3	286	0.079	120	2.05	1.31	0.842	79300	18.7	2.41	<DL	7120	8.33	11.6
40660	A14-1268-039	GMI14-1780	56600	1.1	<DL	204	1.06	<DL	57500	0.614	17.1	50.6	295	0.106	103	2.18	1.26	0.941	83600	20	2.56	<DL	7490	8.84	17.1
40661	A14-1268-040	GMI14-1781	50800	0.865	<DL	387	2.4	0.341	52100	1.48	98.9	38.9	88.5	0.105	117	5.48	2.88	3.56	77000	28.2	12.7	0.07	7960	42.2	18.1
40662	A14-1268-041	GMI14-1782	1E+05	1.35	<DL	582	3.73	0.647	90600	1.54	37	91.9	51.3	0.13	125	3.73	2.31	2.25	147000	46.8	5.04	0.097	13600	21.8	44.1
40663	A14-1268-042	GMI14-1783	54300	0.54	<DL	150	2.62	0.38	28300	0.802	18.8	40.2	269	0.086	126	1.78	1.06	0.843	66600	21.8	2.35	<DL	6520	9.61	29
40664	A14-1268-043	GMI14-1784	62200	0.398	<DL	466	3.15	0.369	7930	1.5	26.9	25.8	180	0.112	68.1	1.26	0.745	1.33	44800	30.4	2.57	<DL	19500	14.9	37.2
40665	A14-1268-044	GMI14-1785	57600	0.893	<DL	215	3.37	<DL	10200	1.26	39.8	30.5	232	0.105	123	1.68	1.03	1.09	53000	24.1	3.45	<DL	10800	24.2	46.6
40666	A14-1268-045	GMI14-1786	57700	1.04	<DL	213	2.83	<DL	10000	1.24	40.8	27.8	182	0.091	98.3	1.99	1.16	1.24	43800	23.8	4.12	<DL	7660	20.5	34.6
40667	A14-1268-046	GMI14-1787	54700	0.427	<DL	423	2.76	0.432	31800	1.01	54.9	39.2	256	0.122	49.7	2.45	1.41	1.98	66600	27.3	5.72	<DL	9780	25.6	27.6
40668	A14-1268-047	GMI14-1788	65800	0.696	<DL	378	4.01	0.623	11000	1.45	83.3	30.3	199	0.136	98.1	2.81	1.51	2.31	49800	31.1	7.86	<DL	10800	38.8	27.8
40669	A14-1268-048	GMI14-1789	67800	0.764	0.508	1410	3.78	<DL	1280	2.45	53.8	14	39.4	0.112	13.1	2.21	1.29	3.5	33200	57.6	5.05	<DL	50400	24.3	51.6
40670	A14-1268-049	GMI14-1790	52700	0.857	<DL	175	0.456	<DL	49200	1	22	54.6	178	0.207	167	3.49	2.09	1.29	98400	19.3	3.95	<DL	8810	9.91	17.2
40671	A14-1268-050	GMI14-1791	52700	0.943	<DL	137	0.403	<DL	51700	0.929	22	55.4	174	0.222	170	3.67	2.21	1.25	101000	18.2	4.02	0.053	7210	9.96	17.5
40672	A14-1268-051	GMI14-1792	57100	1.19	<DL	237	0.415	<DL	55100	0.985	23.5	56.6	190	0.234	169	3.98	2.46	1.49	103000	21.9	4.48	0.075	11100	10.3	16
40673	A14-1268-052	GMI14-1793	51500	1.27	<DL	140	0.625	<DL	48700	0.923	22.1	58	185	0.179	148	3.72	2.27	1.24	104000	18.7	4.18	0.065	7000	9.86	25.1
40725	A14-1270-001	GMI14-1794	47000	3.35	1.77	164	0.578	0.302	62200	0.728	13.6	48.6	38.3	0.576	109	4.23	2.36	1.35	84700	19.4	4.12	0.059	4000	5.05	8.65
40726	A14-1270-002	GMI14-1795	55200	0.873	0.946	223	0.461	<DL	61600	0.735	16.2	50.7	228	0.316	148	3.3	2.05	1.2	90200	20.1	3.26	<DL	9870	7.7	14.5
40727	A14-1270-003	GMI14-1796	61100	0.928	0.823	271	0.492	<DL	62700	0.827	17	50.1	194	0.289	153	3.43	2.2	1.33	92200	22.4	3.46	<DL	12100	8.03	14.7
40728	A14-1270-004	GMI14-1797	58600	1.12	0.748	271	0.496	<DL	59600	0.835	17	51.3	185	0.266	161	3.5	2.16	1.36	94100	22.1	3.43	<DL	12000	8.11	14.3
40729	A14-1270-005	GMI14-1798	56600	1.28	0.66	275	0.531	<DL	58600	0.912	18.3	52.3	175	0.301	166	3.72	2.29	1.41	97800	22.8	3.71	<DL	11300	8.62	13.8
40730	A14-1270-006	GMI14-1799	54500	1.2	0.628	320	0.53	<DL	55600	1.02	18.3	50.5	176	0.269	167	3.64	2.25	1.47	94900	24	3.64	0.05	12900	8.56	14.4
40731	A14-1270-007	GMI14-1800	55700	2.37	0.619	381	0.548	<DL	56300	0.935	18.1	50.9	179	0.244	164	3.58	2.23	1.6	96400	25.5	3.65	0.052	13800	8.5	14.2
40732	A14-1270-008	GMI14-1801	54500	3.62	0.625	402	0.595	<DL	57500	1.09	18.5	50.5	173	0.381	157	3.59	2.09	1.7	97500	27	3.71	<DL	11600	8.72	22.7
40733	A14-1270-009	GMI14-1802	53600	2.69	0.592	379	0.613	<DL	50000	0.976	19.1	51.7	174	0.319	172	3.62	2.2	1.65	97700	26	3.86	0.066	10800	8.92	26.5
40734	A14-1270-010	GMI14-1803	51400	2.4	0.595	267	0.614	<DL	40700	0.833	17.2	49.2	163	0.345	162	3.25	1.9	1.3	89500	22.1	3.42	<DL	8140	8.09	40
40735	A14-1270-011	GMI14-1804	43800	1.3	0.614	156	2.59	<DL	37100	1.73	27	39.2	185	0.289	117	3.05	1.86	1.02	80200	21.2	3.69	<DL	6500	16.3	39.9
40736	A14-1270-012	GMI14-1805	49100	1.61	0.55	106	1.68	0.404	48300	13	22.9	35.6	156	0.175	78.5	3.01	1.79	1.08	77300	18.6	3.54	0.051	4930	14.3	20.9
40737	A14-1270-013	GMI14-1806	57800	0.901	0.566	34.3	2.82	0.483	26900	6.85	33.9	32.4	138	0.167	107	2.61	1.63	0.819	59500	19.1	3.46	<DL	711	22.5	14.5
40738	A14-1270-014	GMI14-1807	51200	1.36	0.524	61.2	2.09	0.508	49000	2.17	45.1	73.2	166	0.178	329	3.19	1.98	1.03	96400	19.2	4.34	<DL	3360	38.5	19.5
40739	A14-1270-015	GMI14-1808	65300	0.92	0.528	135	1.57	<DL	44500	1.5	68.1	26.6	117	0.202	92.7	2.65	1.66	1.21	52900	18.5	5.25	<DL	9110	50.6	8.89
40740	A14-1270-016	GMI14-1809	52100	1.1	0.541	113	2.17	<DL	52300	0.746	25.3	39.1	157	0.166	92.2	3.4	2.12	1.15	84500	18.2	3.83	<DL	5120	15.7	16
40741	A14-1270-017	GMI14-1810	49300	1.33	0.551	150	1.79	<DL	52900	0.449	17.5	44.6	150	0.166	107	3.35	2.06	1.21	92700	19	3.49	0.052	5440	8.44	18.9
40742	A14-1270-018	GMI14-1811	48000	0.962	0.515	136	1.41	0.339	50700	0.394	13.7	45.2	173	0.146	119	3.06	1.88	1.05	90300	18.8	2.89	<DL	6170	7.61	18
40743	A14-1270-019	GMI14-1812	53400	0.783	0.531	88.5	2.28	0.444	29100	1.27	58.7	33.9	275	0.15	136	2.7	1.61	1.29	58500	19.9	5.42	<DL	3080	36.9	18
40744	A14-1270-020	GMI14-1813	50400	0.834	0.529	295	2.33	<DL	41000	1.19	63.2	32.3	246	0.18	45.4	2.99	1.74	1.77	63200	23.5	6.13	<DL	10900	40.1	21.4
40745	A14-1270-021	GMI14-1814	45700	1.12	0.528	392	2.59	<DL	33900	1.02	82.9	32.3	389	0.273	27.2	2.3	1.22	2.01	49700	26.3	7.1	<DL	16700	49.5	45.1
40746	A14-1270-022	GMI14-1815	52800	0.99	0.533	134	2.65	0.321	44000	0.912	61.2	38.7	172	0.131	465	3.49	2.17	1.35	79200	18.9	5.62	<DL	9890	43.3	13.3
40747	A14-1270-023	GMI14-1816	53200	1.58	0.568	138	3.46	0.522	36200	2.26	117	50.7	160	0.129	233	3.65	2.22	1.69	77000	22.8	9.05	<DL	10000	81	13.3
40748	A14-1270-024	GMI14-1817	59100	1.26	0.521	163	2.91	<DL	37500	1.44	79.9	29.2	150	0.096	46.5	3.39	2.06	1.53	69100	22.3	6.7	<DL	10000	57.7	7.98
40749	A14-1270-025	GMI14-1818	70400	1.24	0.553	161	3.35	<DL	17500	2.41	121	16.1	95.9	0.118	135	3.07	1.9	1.56	48300	25.5	8.47	<DL	18300	83	5.83
40750	A14-1270-026	GMI14-1819	47100	3.39	0.92	167	0.507	<DL	63300	0.799	14.1	50	41.7	0.469	111	4.32	2.37	1.41	86300	19.6	4.26	0.064	4130	5.17	8.83
40751	A14-1270-027	GMI14-1820	69300	0.568	0.673	751	3.55	0.321	11700	1.47	118	12.3	76.9	0.149	30.6	2.69	1.31	3.33	22200	41.7	10.1	<DL	23900	57.8	9.76
40752	A14-1270-028	GMI14-1821	69800	0.635	0.631	710	3.29	<DL	12800	1.38	123	11.9	68.1	0.081	18.8	2.81	1.38	3.41	22700	40.3	10.6	<DL	23600	58.4	9.73
40753	A14-1270-029	GMI14-1822	67500	0.705	0.617	877	3.29	<DL	14400	1.48	125	11	79.3	0.089	47.4	2.71	1.38	3.78	21800	44.5	11.2	<DL	25200	57.2	5.72
40754	A14-1270-030	GMI14-1823	68200	<DL	0.592	910	3.39	<DL	16800	1.54	126	11.3	55.9	0.156	25.2	2.7	1.36	3.92	22500	45.5	11.6	<DL	31400	59.8	3.01
40755	A14-1270-031	GMI14-1824	70700	0.655	0.551	904	3.2	0.321	16800	1.61	117	11.7	63.6	0.153	28.6	2.73	1.33	3.81	21800	46.1	10.7	<DL	28200	54.6	3.44
40756	A14-1270-032	GMI14-1825	69200	<DL	0.552	931	2.78	<DL	18600	1.33	111	11	63.4	0.311	26.5	2.5	1.21	3.81	21200	46.9	10	<DL	28400	52.3	3

0.117	21100	1010	5.68	20300	2.44	5.16	141	158	10.5	2.73	<DL	4.16	0.046	<DL	18.8	<DL	1.38	0.711	141	<DL	0.268	0.773	4620	<DL	0.932	244	<DL	6.61	0.887	144
0.104	23200	929	3.7	23100	5.59	9.04	115	81.4	11.4	3.68	<DL	5.07	0.073	<DL	14.7	<DL	1.86	0.824	223	<DL	0.273	4.09	3580	<DL	2.83	229	<DL	6.1	0.808	173
0.154	24000	1010	6.56	22300	4.43	7.17	143	166	11.2	3.64	<DL	9.2	0.054	<DL	23.8	<DL	1.71	<DL	177	<DL	0.333	2.56	4480	0.068	2.87	245	<DL	9.44	1.14	95.4
0.173	25900	1110	<DL	21700	3.9	7.75	147	176	8.6	4.5	<DL	8.25	0.094	<DL	25.2	<DL	1.83	<DL	247	<DL	0.344	2.1	4840	0.066	2.3	256	<DL	9.41	1.26	105
0.298	24600	1150	<DL	24200	6.59	56.7	49	2590	9.98	12.4	0.169	6.96	0.283	<DL	22.6	<DL	11.6	1.74	635	<DL	1.36	4.71	5610	<DL	2.46	264	<DL	20.6	2.16	146
0.285	43400	2060	5.73	42400	8.22	16.8	252	705	14	11.4	0.162	11.5	0.279	0.11	40.4	<DL	3.95	1.57	612	<DL	0.686	4.13	9190	0.103	4.39	479	1.01	15.8	2.07	259
0.12	21100	865	3.96	24900	6.3	8.2	121	128	6.41	3.97	0.074	6.15	0.091	<DL	17.2	<DL	1.81	0.951	234	<DL	0.305	6.57	4010	<DL	4.04	234	<DL	7.37	0.926	132
0.082	18900	588	109	27400	8.56	10.4	74	176	4.76	1.7	0.113	24.1	<DL	<DL	10.3	<DL	2	0.974	87.5	<DL	0.261	7.64	2800	0.158	6.81	152	<DL	4.82	0.675	156
0.124	22500	682	50.5	23300	10.5	13.7	95.2	128	4.43	2.45	0.106	12	0.04	<DL	13.1	<DL	2.57	1.09	125	<DL	0.34	11.2	3590	0.077	7.89	183	<DL	6.83	0.968	153
0.133	21400	597	7.63	28000	8.62	17.1	111	190	3.81	3.02	0.139	8.93	0.054	<DL	12.3	<DL	3.26	0.963	154	<DL	0.409	9.04	3100	<DL	7.65	164	<DL	8.35	1.06	128
0.145	24400	857	4.24	23600	5.88	25.2	117	439	8.88	5.72	0.11	9.38	0.117	<DL	17.9	<DL	4.69	0.889	318	<DL	0.559	5.03	4080	0.067	4.99	231	<DL	9.66	1.12	136
0.149	16200	607	12.9	37100	13.7	37	82.3	590	8.86	4.57	0.151	13.3	0.087	<DL	13.6	0.768	6.71	1.56	248	<DL	0.747	9.83	3620	0.077	14.7	180	<DL	10.8	1.2	140
0.149	23700	520	<DL	11000	20.6	20	17.1	178	11	2.05	0.201	34.5	<DL	<DL	1.78	<DL	4.07	1.25	73.9	<DL	0.521	19.3	1460	0.472	19.5	72.4	<DL	8.69	1.09	237
0.246	20400	1200	<DL	16400	5.74	12	115	542	2.62	4.93	0.077	17.3	0.075	<DL	21.8	<DL	3.1	0.932	214	<DL	0.608	1.7	6000	0.139	0.894	253	<DL	13.6	1.73	112
0.272	20800	1210	<DL	18100	5.77	12.2	97.8	592	2.71	5.23	0.093	16.1	0.083	<DL	22.8	<DL	3.18	1.06	214	<DL	0.629	1.29	6200	0.126	0.444	251	<DL	14.7	1.96	106
0.3	21600	1240	<DL	15500	6.02	13.1	98.9	635	3.06	5.1	0.086	24.6	0.061	<DL	25.1	<DL	3.43	1.04	191	<DL	0.693	1.27	6310	0.248	0.399	252	<DL	16.6	2.17	121
0.265	21800	1320	<DL	17400	5.7	12.6	97.4	625	11.6	4.87	0.069	16.2	0.067	<DL	22.5	<DL	3.2	1.09	186	<DL	0.627	1.13	6340	0.136	0.347	253	<DL	15	2.03	120
0.284	23200	919	<DL	23600	7.32	12	74.7	441	2.45	6.71	0.057	12.9	0.113	1.15	19.7	<DL	3.69	<DL	277	6.77	0.737	<DL	7630	0.221	0.157	215	2.36	17.9	1.96	59.8
0.272	23500	1170	<DL	11200	4.66	9.83	102	459	2	4.4	0.059	22.3	0.059	<DL	26.3	<DL	2.62	<DL	150	<DL	0.547	1.04	5020	0.225	0.283	210	1.05	15.1	1.77	103
0.288	21700	1180	<DL	12600	4.66	10.3	90.1	501	2.12	4.96	0.05	27.7	0.076	<DL	26.7	<DL	2.68	<DL	177	<DL	0.564	1.06	5440	0.249	0.274	222	0.972	16.3	1.94	106
0.286	23700	1210	<DL	12400	4.61	10.4	97.7	497	2.53	4.89	0.062	26.8	0.059	<DL	28.2	<DL	2.76	<DL	171	<DL	0.574	1.08	5430	0.249	0.292	226	0.804	16.3	1.91	111
0.306	22800	1250	<DL	12700	5	11	89.6	530	2.35	5.13	0.057	24.2	0.067	<DL	27.5	<DL	2.86	0.749	181	<DL	0.607	1.13	5790	0.229	0.322	234	<DL	17	2.02	115
0.29	20600	1200	<DL	13300	4.96	10.9	83.8	518	2.67	5.34	0.057	25.9	0.072	<DL	26.1	<DL	2.86	0.708	211	<DL	0.593	1.08	5720	0.236	0.326	236	<DL	15.9	1.96	116
0.298	21800	1260	<DL	13100	4.96	10.9	83	528	2.93	5.64	0.055	27.3	0.082	<DL	27.4	<DL	2.77	0.779	216	<DL	0.609	1.06	5710	0.243	0.317	238	<DL	16.4	1.99	119
0.275	20800	1400	<DL	15400	5.14	11	81.5	531	10.1	5.18	0.072	22.2	0.069	<DL	25.4	<DL	2.87	0.75	191	<DL	0.58	1.02	5830	0.214	0.322	239	<DL	15.3	1.9	122
0.281	21300	1490	<DL	18100	5.28	11.5	85.3	530	5.77	5.02	0.067	22.7	0.072	0.073	25.2	<DL	2.94	0.777	194	<DL	0.616	1.05	6120	0.234	0.327	244	<DL	15.1	1.86	121
0.242	23800	1570	<DL	19300	4.86	10.2	86.2	477	43.6	3.91	0.061	17.5	0.046	0.092	22.8	<DL	2.55	<DL	135	<DL	0.548	0.941	5580	0.167	0.284	227	<DL	13.4	1.73	161
0.244	28200	1550	99.6	21100	5.4	11.9	91	528	22.6	3.13	0.074	9.4	<DL	<DL	21	<DL	2.75	0.734	76.2	<DL	0.513	3.63	5130	0.111	1.32	219	1.2	13.3	1.72	186
0.255	16700	1040	2440	31100	4.58	10.5	70	438	24	5.44	<DL	11.1	0.108	<DL	22.4	<DL	2.55	<DL	261	<DL	0.521	4.07	6510	0.11	4.45	277	1.45	12.8	1.67	102
0.231	11900	826	1000	48100	7.19	11.7	55.5	319	25	2.95	0.092	2.03	0.034	<DL	19.6	<DL	2.48	<DL	87.4	<DL	0.45	15.8	5100	<DL	6.85	228	1.14	12.4	1.56	101
0.271	19500	1190	321	33400	4.39	13.6	87.6	384	10.2	6.05	<DL	7.19	0.119	<DL	27.2	0.605	2.79	<DL	280	<DL	0.585	1.15	7070	0.07	1.46	315	1.18	14.7	1.79	114
0.222	11700	741	78.8	45600	6.14	20.1	48.2	340	17.1	5.77	0.065	17.7	0.11	<DL	17	<DL	3.41	<DL	264	<DL	0.572	10.8	4190	0.14	2.87	202	<DL	13.3	1.48	79.7
0.272	19000	1220	31.6	32500	5.41	12	73.7	419	8.5	6.42	<DL	8.87	0.12	<DL	27.2	<DL	2.86	<DL	291	<DL	0.579	2.51	7210	0.087	1.32	303	0.899	15.6	1.91	112
0.269	20900	1290	14.2	27600	4.68	10.1	78.3	457	6.57	7.78	<DL	10.5	0.173	<DL	26.3	<DL	2.68	0.719	336	<DL	0.554	0.794	7320	0.095	0.599	327	0.868	15.2	1.89	120
0.253	19400	1250	11.5	27900	3.42	8.08	80	466	6.12	6.21	<DL	10.5	0.114	<DL	25.2	<DL	2.29	<DL	294	<DL	0.486	<DL	7320	0.087	0.411	318	0.96	12.9	1.66	118
0.192	13300	812	9.16	40100	9.61	22.3	82.1	410	10.1	4.43	0.066	5.98	0.085	<DL	16.1	<DL	3.91	0.855	205	<DL	0.589	6.16	4930	0.066	3.48	210	<DL	11.2	1.34	108
0.196	18300	924	5.77	31500	6.85	25	76.7	806	8.49	7.32	0.105	17.5	0.167	<DL	19	<DL	4.54	<DL	347	<DL	0.659	6.24	5240	0.162	2.34	230	<DL	13	1.48	100
0.136	26900	860	5.96	24000	5.7	33.2	115	1380	5.05	6.42	0.084	22.2	0.162	<DL	13	<DL	5.48	0.724	343	<DL	0.63	5.15	3570	0.229	2.02	124	<DL	8.68	0.884	112
0.278	17800	1080	3.71	32200	10.6	19.8	75.8	483	9.02	6.43	0.06	15.4	0.106	<DL	24.8	<DL	3.67	0.861	269	<DL	0.664	5.48	6650	0.134	2.58	287	1.18	15.8	1.92	114
0.28	15800	993	<DL	37000	14	36.5	65.9	760	11.2	6.53	0.116	16	0.123	<DL	18.4	<DL	5.85	1.18	284	<DL	0.843	9.26	5450	0.131	4.29	286	0.895	16.4	1.92	117
0.279	14400	938	4.39	38300	7.58	24.8	60.8	379	8.76	7.12	0.091	15.7	0.143	<DL	22.5	<DL	4.36	<DL	329	<DL	0.703	8.53	5750	0.136	3.49	260	0.853	16	1.9	96.1
0.26	9850	615	<DL	44600	11.5	35.7	34.9	250	5.12	4.74	0.171	36.6	0.084	<DL	14.7	<DL	5.36	0.822	180	<DL	0.745	23.2	3330	0.223	6.69	180	<DL	16.4	1.81	77.1
0.284	23300	931	<DL	23700	6.82	12.4	78.3	511	2.4	7.36	0.068	13.4	0.113	1.17	19.7	<DL	3.83	<DL	283	<DL	0.735	<DL	7740	0.194	0.159	220	1.55	18.4	2.03	60.6
0.1	10300	291	<DL	42700	6.68	53.9	38.9	1930	9.63	7.15	0.116	31.4	0.185	<DL	5.39	<DL	9.1	1	387	<DL	0.903	8.83	2330	0.223	3.19	69	<DL	9.82	0.747	93.5
0.111	10700	296																												

40768	A14-1270-044	GMI14-1837	30300	0.699	<DL	120	1.85	0.385	29700	0.754	16.8	40.2	244	<DL	186	0.97	0.542	0.633	61000	17.2	1.82	<DL	5020	10.2	10.3
40769	A14-1270-045	GMI14-1838	29200	0.883	0.521	119	1.95	0.359	34900	0.519	13.8	42.9	271	<DL	121	0.914	0.499	0.578	65400	17.2	1.55	<DL	4690	8.74	7.97
40770	A14-1270-046	GMI14-1839	50000	0.745	<DL	133	1.71	<DL	49300	0.511	16	41.8	262	0.055	73.8	1.64	0.998	0.727	67800	18.8	1.99	<DL	4030	11.9	17.9
40771	A14-1270-047	GMI14-1840	48300	1.11	<DL	134	1.45	<DL	47100	0.407	17.4	43	277	0.048	88.6	1.63	1.04	0.776	68100	17.7	2.21	<DL	4710	11.9	18.1
40772	A14-1270-048	GMI14-1841	44000	0.714	<DL	129	1.5	<DL	42400	0.539	9.72	39.4	254	0.07	67.2	1.52	0.957	0.674	68700	17.6	1.65	<DL	5240	5.13	20.2
40773	A14-1270-049	GMI14-1842	59800	0.313	<DL	304	2.74	<DL	23000	1.27	37.4	23.2	178	0.07	24.1	1.88	1.06	1.31	42300	27.1	3.82	<DL	9880	21.6	17.3
40774	A14-1270-050	GMI14-1843	62500	0.845	<DL	365	2.62	<DL	21800	1.11	38.3	24.8	161	0.044	45.2	1.82	1.12	1.45	42600	28.4	3.79	<DL	13500	21.3	15.6

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
40646	A14-1268-025	GMI14-1766	49700	1.69	<DL	211	1.18	0.404	45000	0.553	12.7	44.4	274	0.113	201	1.64	1.02	0.828	73500	19.1	1.84	<DL	6080	8.14	21.2
40646	A14-1268-025	GMI14-1766 DUP	51000	0.718	<DL	222	1.25	0.515	46400	0.578	12.9	46.7	284	0.1	209	1.6	1.04	0.829	77400	19.7	1.87	<DL	6360	8.43	21.5
40673	A14-1268-052	GMI14-1793	51500	1.27	<DL	140	0.625	<DL	48700	0.923	22.1	58	185	0.179	148	3.72	2.27	1.24	104000	18.7	4.18	0.065	7000	9.86	25.1
40673	A14-1268-052	GMI14-1793 DUP	50200	1.25	<DL	138	0.597	<DL	48400	0.995	22.2	57.5	183	0.183	149	3.82	2.21	1.22	103000	18.6	4.21	0.059	6910	9.8	24.8
40749	A14-1270-025	GMI14-1818	70400	1.24	0.553	161	3.35	<DL	17500	2.41	121	16.1	95.9	0.118	135	3.07	1.9	1.56	48300	25.5	8.47	<DL	18300	83	5.83
40749	A14-1270-025	GMI14-1818 DUP	70800	0.477	0.548	160	3.44	<DL	17600	2.27	124	15.8	107	0.116	137	3.12	1.98	1.61	48600	25.3	8.67	<DL	18000	85.1	5.8
40774	A14-1270-050	GMI14-1843	62500	0.845	<DL	365	2.62	<DL	21800	1.11	38.3	24.8	161	0.044	45.2	1.82	1.12	1.45	42600	28.4	3.79	<DL	13500	21.3	15.6
40774	A14-1270-050	GMI14-1843 DUP	59800	0.981	0.521	337	2.52	<DL	21300	1.13	36.6	23.4	152	0.058	51.9	1.83	1.07	1.39	40700	27.1	3.78	<DL	12900	20.5	15.8

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
		Certified Values:	1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		CRM PTM-1a #1		2200	3.3						20500				249600				14800						
		CRM PTM-1a #2		2490	3.41						18800				210000				14400						
		CRM PTM-1a #3		2410	3.77						18600				213000				14000						
		CRM PTM-1a #4		2480	2.89						17200				197000				13200						
		CRM PTM-1a #4		2490	4.06						17400				199000				13400						
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	48100	2.86		379	0.381	1.89	26400	3.64	34.1	606	313	0.408	9690	1.52	0.811	1.29	251000	18.1	3.45		7490	17.3	
		CRM SU-1b #2	47100	2.52		381	0.343	2.41	25500	3.9	35.7	605	312	0.305	9900	1.55	0.837	1.38	250000	19.1	3.62		7350	17.5	
		CRM SU-1b #3	44600	2.86		347	0.484	2.14	23900	3.7	30.9	552	288	0.462	8990	1.46	0.79	1.31	229000	19.4	3.21		6890	16.1	
		CRM SU-1b #4	46900	4.33		354	0.577	2.09	26100	3.81	32.3	552	300	0.302	8980	1.5	0.846	1.36	230000	19.9	3.56		7100	16.9	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	57300	19.7		120		31.4	25400	10.6		150	187	0.425	2010				206000	43.6		1.75	5580	7.47	10.9
		CRM RTS-3a #2	54900	18.6		118		30.1	24100	10.3		149	186	0.418	2020				200000	43.5		1.69	5350	7.45	10.5
		CRM RTS-3a #3	53800	19.9		110		30.5	23100	10.4		137	174	0.462	1870				186000	43.2		1.66	5110	7.1	13.7
		CRM RTS-3a #4	53200	18.9		113		31.3	23500	10.4		138	175	0.382	1870				188000	43.8		1.75	5180	7	13.6
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	66100	20.4		641	1.1		17300	1.47	89.3	30.2	77.8	2.26	34.3	4.85		2.42	39100				20200	47.2	20.8
		CRM LKSD-3 #2	71700	23.2		713	1.17		18900	1.68	99.1	33.3	79.4	2.54	38.5	5.28		2.73	42800				21500	53	21.8
		CRM LKSD-3 #3	65400	21.1		626	1.56		17100	1.53	83	29	70.6	2.2	31.5	4.81		2.41	37500				19400	47	26.3
		CRM LKSD-3 #4	63300	20.8		619	1.47		16700	1.73	81.9	28.3	67.9	2.24	30.8	4.7		2.54	36800				19500	46.4	24.8





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:	10	10		10	10		10	10				10		10	10	10		10	10	10		10	10
		Spike #1	9.95	10.2		8.68	10.1		10	10.2				10		10	10.1	10.2		9.84	10.2	9.93		9.97	8.77
		Spike #4	9.78	9.79		7.23	9.93		9.97	10.7				9.97		10.2	10.3	10.4		9.57	10.6	9.75		10.1	7.45
		Spike #7	9.7	10.6		9.26	9.72		9.72	9.64				9.97		9.79	9.78	9.78		9.83	9.74	9.91		9.79	9.6
		Spike #10	10.3	9.87		9.18	9.54		9.54	9.73				9.81		9.67	9.54	9.77		9.81	9.77	9.83		9.79	9.3
		Actual Spike Values:				100						100	100		100										
		Spike #2				110						107	107		113										
		Spike #5				102						103	102		97.9										
		Spike #8				108						106	106		104										
		Spike #11				93.8						91.3	91.9		86										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	11000						11000										11400				11300		
		Spike #6	9970						9920										11100				10200		
		Spike #9	10300						10200										10800				10700		
		Spike #12	10400						10200										12100				10800		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-024

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

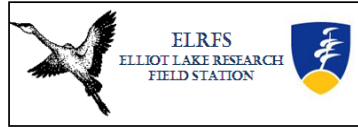
**Client Contact Information:**

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**Batch: 14-1271 (48) & 14-1272 (5) & 14-1273 (46)**

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**Dr. Graeme Spiers - ELRFS Director**

**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 48 + 5 + 46  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 21, 2015 / Troy Maki  
Submission Date: 2015 02 03

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
40775	A14-1271-001	GMI14-1844	46500	3.77	0.633	170	0.449	0.308	60000	0.966	14.6	50.7	40.2	0.526	110	4.22	2.39	1.36	80900	20.4	4.1	0.077	3880	5.2	7.94
40776	A14-1271-002	GMI14-1845	49600	0.795	<DL	264	1.1	<DL	63600	0.543	11.9	52.6	327	0.135	90.4	1.94	1.21	1.01	81100	23.6	1.94	0.055	7020	6.55	12
40777	A14-1271-003	GMI14-1846	46400	1.02	<DL	149	1.2	<DL	47400	0.615	12.8	39.4	238	0.117	70.3	1.66	1.09	0.783	62400	18.5	1.89	<DL	4250	5.93	14.8
40778	A14-1271-004	GMI14-1847	49200	0.915	<DL	219	1.43	<DL	48200	0.623	24.3	41.2	243	0.101	74.1	1.86	1.14	1.01	65600	21.5	2.73	<DL	5990	11.9	13.5
40779	A14-1271-005	GMI14-1848	48500	0.705	<DL	253	3.13	0.308	35600	0.833	79.1	31.3	199	0.085	57.5	2.23	1.44	1.42	53400	23.8	5.56	0.052	7940	60.4	10.5
40780	A14-1271-006	GMI14-1849	44200	0.847	<DL	187	2.81	<DL	38100	0.62	36.2	38.4	220	0.074	24.6	1.97	1.22	1.06	63200	19.5	3.52	0.06	5090	20.1	15.1
40781	A14-1271-007	GMI14-1850	49200	0.558	<DL	397	2.72	0.328	24600	1.51	59.6	29.4	187	0.085	70.1	1.83	1.22	1.55	51200	30.5	4.57	0.055	8570	38.2	19.1
40782	A14-1271-008	GMI14-1851	44800	0.755	<DL	143	1.1	<DL	40900	0.662	15.1	41.5	236	0.085	85.7	1.62	1.06	0.732	64300	18.2	1.89	<DL	6080	9.2	12.8
40783	A14-1271-009	GMI14-1852	49700	0.864	<DL	133	0.803	<DL	56300	0.41	10	48.8	267	0.104	103	1.91	1.21	0.791	73500	18.1	1.81	<DL	5160	5.82	10.3
40784	A14-1271-010	GMI14-1853	56300	0.595	<DL	486	2.02	<DL	32100	1.65	23.3	29.5	193	0.091	82.9	1.62	1.03	1.51	45900	35.7	2.57	<DL	12400	12.5	11.4
40785	A14-1271-011	GMI14-1854	56000	0.722	<DL	193	1.91	<DL	25600	2.63	34.5	25.8	178	0.072	44.4	1.72	1.08	1.01	42600	26	3.1	<DL	8080	19.4	12.6
40786	A14-1271-012	GMI14-1855	44700	0.771	<DL	112	1	0.307	45700	0.544	12.7	43.8	253	0.105	100	1.59	1.02	0.735	66500	17	1.86	<DL	4750	6.12	18.3
40787	A14-1271-013	GMI14-1856	43300	0.894	<DL	120	1.18	<DL	40400	0.575	19.2	41.6	234	0.072	47.2	1.64	1.02	0.794	63400	17.5	2.36	<DL	4430	9.83	16.9
40788	A14-1271-014	GMI14-1857	61300	0.462	<DL	782	1.23	<DL	23200	0.339	20.3	22.3	143	0.089	23.4	1.31	0.754	2.14	36300	46.2	2.28	<DL	30900	8.37	13.7
40789	A14-1271-015	GMI14-1858	45200	0.541	<DL	112	0.658	<DL	44300	0.483	11.9	44.9	255	0.089	93.9	1.49	0.981	0.678	65800	16.9	1.81	0.051	4500	5.87	17.3
40790	A14-1271-016	GMI14-1859	42900	0.849	<DL	143	0.945	<DL	42500	0.493	21	44.8	268	0.087	111	1.74	1.03	0.853	66400	17.7	2.53	<DL	6110	9.57	16.9
40791	A14-1271-017	GMI14-1860	43200	0.846	<DL	153	0.72	<DL	42600	0.581	13.9	45.8	259	0.085	97	1.55	1.03	0.772	68000	18.1	1.9	<DL	5410	8.47	15.6
40792	A14-1271-018	GMI14-1861	53500	0.851	<DL	401	2.18	<DL	25200	0.86	22.3	26.8	180	0.069	44.4	1.51	0.958	1.38	41800	30	2.45	<DL	10600	10.4	13.6
40793	A14-1271-019	GMI14-1862	58400	0.475	<DL	464	3.16	<DL	18300	1.71	56.2	20.5	143	0.086	86	2.24	1.36	1.84	34500	33.5	5	<DL	11100	28.3	9.13
40794	A14-1271-020	GMI14-1863	44800	0.788	<DL	109	0.825	<DL	43800	0.503	17.6	45.5	266	0.071	96.9	1.51	0.962	0.689	66700	16.5	1.94	<DL	4490	13	14.5
40795	A14-1271-021	GMI14-1864	61300	0.766	<DL	493	2.32	<DL	23300	1.44	43.6	24.9	165	0.101	112	1.78	1.15	1.66	39300	34.6	3.77	<DL	16000	26.6	14
40796	A14-1271-022	GMI14-1865	43300	0.797	<DL	162	1.31	<DL	37100	0.709	27.4	43.1	253	0.077	93	1.51	0.97	0.825	63600	19.2	2.42	<DL	5710	21.6	17
40797	A14-1271-023	GMI14-1866	40700	0.91	<DL	108	1.09	<DL	38000	0.468	15.3	44.1	261	0.077	84.2	1.45	0.927	0.638	65400	16.2	1.79	<DL	4830	10.2	23.5
40798	A14-1271-024	GMI14-1867	45000	0.672	<DL	111	1.52	<DL	36800	0.686	24	41.1	248	0.075	125	1.57	1.02	0.725	60700	17.3	2.35	<DL	4520	18.1	15.1
40799	A14-1271-025	GMI14-1868	57200	0.769	<DL	90.8	2.48	0.321	23200	1.78	28.4	24.7	172	0.066	424	1.55	1.1	0.73	40100	20.6	2.66	<DL	2560	18.4	14.1
40800	A14-1271-026	GMI14-1869	40000	3.39	<DL	158	0.393	<DL	49900	0.945	14.6	48.3	39.4	0.431	112	3.86	2.14	1.34	75300	19.2	4.13	0.081	3360	4.84	6.04
40851	A14-1271-027	GMI14-1870	41600	0.766	<DL	62.9	2.32	<DL	23400	1.05	28.1	35.5	228	0.128	75.7	1.51	0.939	0.657	51800	17	2.61	<DL	2320	16.9	26.5
40852	A14-1271-028	GMI14-1871	40900	0.804	<DL	131	1.26	<DL	35800	0.779	15.1	43.1	259	0.137	106	1.51	0.922	0.71	62700	17.5	1.93	<DL	4660	9.23	21.7
40853	A14-1271-029	GMI14-1872	45200	0.72	<DL	157	1.57	<DL	32400	0.551	18.6	43.7	265	0.189	83.2	1.54	0.966	0.79	63700	18.6	2.11	0.053	4170	12.9	41.7
40854	A14-1271-030	GMI14-1873	44500	0.567	<DL	156	1.7	<DL	31800	0.671	31.5	43.2	258	0.122	91.6	1.54	0.964	0.875	63800	20.2	2.8	<DL	5450	22.4	30.3
40855	A14-1271-031	GMI14-1874	42700	0.762	<DL	134	1.51	<DL	41500	0.657	18.8	45.8	264	0.092	111	1.58	1	0.753	64700	17.7	2.07	<DL	5210	12.7	14.8
40856	A14-1271-032	GMI14-1875	47600	1.1	<DL	251	2.12	<DL	37400	0.801	16.3	38.2	242	0.122	100	1.47	0.961	0.991	56000	23.5	2.01	<DL	7140	9.36	14.4
40857	A14-1271-033	GMI14-1876	45500	0.649	<DL	233	1.27	<DL	40800	0.673	31.9	39.6	245	0.127	101	1.43	0.947	0.945	59800	21.2	2.62	<DL	6690	28.4	13.9
40858	A14-1271-034	GMI14-1877	49400	0.63	<DL	213	1.47	<DL	34400	0.799	16.7	34.3	233	0.155	86.7	1.44	0.897	0.863	52700	21.3	1.94	<DL	9500	10.3	13.5
40859	A14-1271-035	GMI14-1878	75000	0.267	<DL	350	1.76	<DL	9140	1.13	69.1	12.9	99.6	0.1	36.2	1.29	0.805	1.51	24300	31.8	4.89	<DL	25100	45.6	13.4

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.297	23200	945	<DL	22600	7.36	12.6	72.1	329	2.46	7.06	0.087	14.1	0.119	1.14	22.3	<DL	3.81	0.759	286	4.76	0.763	0.834	7940	0.197	0.158	224	1.44	19.4	2.03	62.4	
0.161	18600	1160	<DL	19800	3.2	5.94	152	60.9	9.99	5.45	0.076	5.85	0.132	0.087	23.1	<DL	1.58	<DL	285	<DL	0.335	0.861	5020	0.084	0.626	260	1.15	8.52	1.1	120	
0.148	18300	902	<DL	20300	3.45	6.46	113	74.5	7.47	4.91	0.064	3.27	0.108	<DL	20.8	<DL	1.5	<DL	243	<DL	0.298	1.09	3780	<DL	0.691	203	<DL	7.74	0.984	101	
0.161	19900	958	<DL	22700	3.55	10.6	118	366	6.65	5.16	0.054	5.21	0.111	<DL	23	<DL	2.07	0.707	253	<DL	0.368	1.38	3750	<DL	0.851	213	0.811	8.85	1.04	111	
0.173	14500	983	3.11	31800	9.12	21.8	87.4	211	13.4	6.07	0.094	7.76	0.13	0.074	17.3	<DL	3.37	1.1	275	<DL	0.55	3.83	3110	0.063	4.58	179	<DL	11.2	1.22	127	
0.153	21600	1200	<DL	25200	5.31	14	105	106	9.89	6.14	<DL	4.3	0.141	0.071	20.2	<DL	2.55	0.892	297	<DL	0.418	1.47	3670	<DL	2.17	199	0.891	9.2	1.02	154	
0.154	17500	852	<DL	27800	7.92	19	82	72.4	6.79	4.1	0.121	8.38	0.075	0.107	14.9	<DL	3.15	1.07	193	<DL	0.454	10.6	2970	<DL	6.09	170	<DL	8.72	1.06	147	
0.144	21500	896	<DL	18200	2.76	5.97	118	15.9	7.76	3.28	0.07	8.65	0.06	0.074	19.8	<DL	1.43	<DL	151	<DL	0.28	4.55	3980	0.086	1.87	215	<DL	7.3	0.936	91.9	
0.169	26300	997	<DL	18300	2.42	4.85	133	25.7	5.8	3.82	<DL	8.33	0.057	<DL	25.3	<DL	1.38	<DL	160	<DL	0.308	2.42	4440	0.073	1.16	242	<DL	9.23	1.15	84.6	
0.148	13200	594	<DL	29900	6.47	9.11	81.9	<DL	8.07	4.12	0.175	18.8	0.084	0.087	15.7	<DL	1.9	<DL	201	<DL	0.33	8.64	2980	0.128	5.63	169	<DL	7.81	1	89.7	
0.146	12500	559	4.14	32500	7.21	12	74.9	<DL	10.6	4.17	0.246	10.5	0.083	0.119	14	<DL	2.19	0.763	198	<DL	0.372	13.2	2750	0.086	7.95	165	<DL	8.07	1.01	79.4	
0.127	19400	938	<DL	16000	3.49	5.92	129	6.53	15.1	3.96	0.064	6.83	0.078	<DL	20.1	<DL	1.4	0.714	193	<DL	0.303	1.73	3950	0.073	1.3	222	<DL	7.16	0.957	88.2	
0.125	17600	934	<DL	19600	4.13	8.04	117	7.49	11.7	5.5	0.065	4.56	0.127	<DL	18.6	<DL	1.79	0.727	272	<DL	0.321	1.61	3830	<DL	1.18	214	<DL	6.72	0.895	102	
0.108	12700	574	<DL	26100	3.2	9.77	65.7	<DL	8.5	6.11	<DL	34.6	0.158	<DL	12.9	<DL	1.99	0.769	315	<DL	0.28	0.963	2280	0.221	0.56	155	<DL	5.56	0.677	105	
0.122	18100	946	<DL	16100	2.64	5.45	132	10.6	8.67	3.94	0.051	5.79	0.074	<DL	18.6	<DL	1.34	<DL	185	<DL	0.263	1.28	3960	0.061	0.853	219	<DL	6.33	0.826	87.4	
0.136	19300	970	<DL	16700	3.03	9.85	135	304	9.09	4.51	0.054	7.3	0.091	<DL	19.1	<DL	1.91	<DL	225	<DL	0.331	1.18	3980	0.066	1.04	222	<DL	7.11	0.929	95.9	
0.129	19800	968	<DL	15300	2.36	5.45	137	20.3	7.06	3.73	0.08	6.82	0.073	<DL	19.2	<DL	1.37	<DL	177	<DL	0.283	1.19	4160	0.095	0.885	223	<DL	6.86	0.895	87.9	
0.123	15100	633	<DL	29200	5.42	9.53	74.1	<DL	21	5.13	0.071	13.5	0.127	<DL	14	<DL	1.97	0.775	260	<DL	0.311	3.61	2820	0.086	2.51	160	<DL	6.78	0.848	104	
0.179	11900	541	<DL	36600	10.3	21.3	51.5	137	22.1	6.51	0.127	17.5	0.149	<DL	11.6	<DL	3.72	1.06	305	<DL	0.527	10	2680	0.092	4.66	116	<DL	10.3	1.26	102	
0.118	19800	943	<DL	15200	2.62	5.86	134	14	6.55	3.39	<DL	5.69	0.063	<DL	18.7	<DL	1.34	<DL	157	<DL	0.265	1.45	4060	<DL	0.876	218	<DL	6.49	0.858	83.8	
0.145	13300	561	<DL	33400	7.02	14.6	70.3	4.26	14.5	5.68	0.149	23.6	0.128	0.074	13.6	<DL	2.7	0.806	271	<DL	0.395	7.49	2780	0.153	5.73	151	<DL	8.47	1.05	92.2	
0.128	20700	915	<DL	18700	3.6	7.5	129	<DL	10.1	3.8	0.068	7.08	0.069	<DL	17.9	<DL	1.47	<DL	176	<DL	0.3	2.92	3800	0.073	2.11	212	<DL	6.57	0.872	97.4	
0.119	20800	921	<DL	13900	3.19	5.27	130	<DL	7.54	3.87	0.067	5.22	0.077	<DL	18.2	<DL	1.27	<DL	188	<DL	0.264	1.14	3920	<DL	1.12	212	<DL	6.16	0.781	97.6	
0.126	20400	903	<DL	19900	4.05	7.33	119	<DL	9.27	4.03	0.069	7.43	0.078	<DL	18.4	<DL	1.48	<DL	185	<DL	0.287	3.22	3680	0.061	4.48	206	<DL	7.29	0.948	89	
0.15	12200	551	<DL	40500	8.11	9.64	69	<DL	34.4	3.61	0.189	2.47	0.066	0.096	12.1	<DL	1.98	0.711	161	<DL	0.322	13.6	2730	<DL	6.94	155	<DL	7.89	1.02	72.6	
0.246	17900	851	<DL	20300	6.7	12.1	70.5	298	2.32	6.41	0.102	10.8	0.116	1.05	15.9	<DL	3.54	0.764	245	<DL	0.696	<DL	7310	0.163	0.141	205	1.15	15	1.78	59.4	
0.12	15600	768	5.13	22200	6.04	9.09	104	<DL	9.89	2.97	0.108	2.69	0.046	0.087	12.9	<DL	1.83	0.784	127	<DL	0.309	6.08	3450	<DL	4.26	195	<DL	6.1	0.798	96.5	
0.116	19400	907	<DL	16900	3.38	5.92	128	<DL	8.28	3.71	0.074	5.66	0.067	<DL	16.2	<DL	1.37	<DL	172	<DL	0.283	2.14	3980	<DL	2.25	213	<DL	6.08	0.769	93.3	
0.136	27500	964	3.13	16200	3.22	6.36	128	14	8.16	4.02	0.058	5.01	0.079	<DL	20	<DL	1.42	0.747	192	<DL	0.299	2.24	4150	<DL	1.8	219	<DL	7.03	0.928	120	
0.115	20800	919	<DL	15900	5.05	9.17	124	20.5	7.81	5.07	0.072	6.52	0.121	0.073	17.5	<DL	1.78	0.762	254	<DL	0.309	3.39	3930	0.066	4.2	223	<DL	6.71	0.894	120	
0.133	18100	916	4.97	16800	4.86	6.1	126	40.6	10.3	4.41	0.065	6.55	0.099	0.08	17.4	<DL	1.46	<DL	220	<DL	0.291	3.95	4040	<DL	4.94	220	<DL	6.98	0.947	83.3	
0.128	16300	800	<DL	20500	4.87	6.53	125	4.15	12.7	4.06	0.102	11.8	0.076	0.114	15.8	<DL	1.53	<DL	198	<DL	0.28	5.92	3580	0.093	4.7	208	<DL	6.51	0.88	80.4	
0.13	18000	814	<DL	17500	4.21	7.58	112	7.5	9.04	3.32	0.096	10.4	0.047	<DL	17.2	<DL	1.34	<DL	141	<DL	0.285	4.13	3720	0.085	3.23	217	<DL	6.39	0.834	81.1	
0.132	17900	696	<DL	20700	3.8	6.21	97.9	<DL	9.68	3.85	0.089	16.4	0.083	<DL	16.6	<DL	1.39	<DL	172	<DL	0.268	5.86	3460	0.105	2.76	203	<DL	6.64	0.861	73.2	
0.093	6810	297	<DL	38600	7.96	24.4	32.8	123	4.84	3.69	0.091	30.4	0.082	0.077	8.62	<DL	3.44	0.975	189	<DL	0.43	4.4	1890	0.163	2.26	114	<DL	5.27	0.673	65	

40860	A14-1271-036	GMI14-1879	69500	0.627	<DL	436	1.88	<DL	11500	1.35	86.2	16	74	0.092	72.2	1.41	0.911	1.83	25200	35.8	6.13	<DL	27300	52.6	20.9
40861	A14-1271-037	GMI14-1880	62500	0.641	<DL	509	2	<DL	22900	1.54	126	17.9	51.9	0.087	30.7	3	1.7	2.84	28600	37.5	9.98	<DL	21400	85.8	13.6
40862	A14-1271-038	GMI14-1881	59200	0.632	<DL	638	1.54	<DL	18900	1.28	40	20	131	0.078	59.2	1.9	1.03	2.34	32900	41.1	4.34	<DL	18800	18.6	8.08
40863	A14-1271-039	GMI14-1882	41800	0.779	<DL	217	1.04	<DL	38800	0.723	16.5	45	282	0.108	56.9	1.65	1.02	0.992	66000	21	2.08	<DL	6800	10	15.8
40864	A14-1271-040	GMI14-1883	41400	0.761	<DL	173	1.07	<DL	39600	0.514	17.8	45.1	271	0.089	109	1.68	1.02	0.94	65800	18.7	2.31	0.054	5730	9.74	14.6
40865	A14-1271-041	GMI14-1884	48900	1.21	<DL	275	1.2	<DL	40200	0.432	13.1	47.8	290	0.157	66	1.6	1.06	1.13	70600	24	1.89	0.052	5860	7.33	26.5
40866	A14-1271-042	GMI14-1885	49800	0.763	<DL	320	1.14	<DL	42500	0.328	12.2	48	288	0.159	38.3	1.7	1.12	1.21	69200	24.7	1.87	0.057	8670	7.89	25.3
40867	A14-1271-043	GMI14-1886	47900	1.54	<DL	335	0.769	<DL	43200	0.431	10.2	46.8	284	0.137	84	1.71	1.13	1.18	69700	24.7	1.72	0.053	8280	6.24	17.6
40868	A14-1271-044	GMI14-1887	87800	1.88	<DL	320	2.26	<DL	77200	0.814	42.8	88.8	500	0.142	239	2.96	1.93	1.61	130000	36.4	4.33	0.078	11900	33.5	31.5
40869	A14-1271-045	GMI14-1888	<DL	<DL	<DL	<DL	<DL	<DL	<DL	0.062	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
40870	A14-1271-046	GMI14-1889	40600	0.558	<DL	136	0.981	<DL	32800	0.536	11.3	44.4	286	0.066	116	1.46	0.873	0.728	62200	17.6	1.73	0.063	5930	6.17	13.5
40871	A14-1271-047	GMI14-1890	39700	0.546	<DL	114	1.06	<DL	32300	0.452	12.2	44	260	0.048	76.2	1.51	0.885	0.691	59600	16.4	1.76	0.051	5950	6.74	13.6
40872	A14-1271-048	GMI14-1891	42400	0.903	<DL	75.4	2.35	<DL	22900	0.48	25.5	42.9	247	0.073	53.9	1.5	0.922	0.694	56400	17.4	2.5	0.066	3760	16.5	19.4
40946	A14-1272-001	GMI14-1892	61100	1.42	1.01	59.9	0.428	<DL	59500	0.857	11.1	44.6	64.8	0.882	101	4.76	3.08	1.41	129000	19.3	4	0.079	2400	4.26	17.1
40947	A14-1272-002	GMI14-1893	61000	1.37	0.582	52.5	0.444	<DL	61900	0.935	11.4	44	51.5	0.366	96.1	5.16	3.21	1.44	132000	19	4.17	0.081	2540	4.28	14.8
40948	A14-1272-003	GMI14-1894	67300	1.45	<DL	52.6	0.359	<DL	89900	0.901	10.9	51	88.1	0.24	108	4.87	3.17	1.47	139000	19.4	3.95	0.07	2320	4.19	15.9
40949	A14-1272-004	GMI14-1895	88400	10.9	0.542	1190	2.1	<DL	50900	0.98	72.9	18	139	4.63	19.1	4.57	2.77	3.67	54600	63.7	8.29	0.058	33500	38.3	40.2
40950	A14-1272-005	GMI14-1896	66700	412	1.45	453	1.48	<DL	39500	1.52	30.2	29.8	166	2.3	72	3.68	2.11	2.12	79400	33.7	4.75	0.072	15600	16.7	17.9
41001	A14-1273-001	GMI14-1897	59500	1.91	<DL	84.9	0.467	<DL	74700	0.856	11	47.8	214	0.163	102	4.18	2.66	1.32	127000	18.8	3.53	0.061	3200	4.82	15.4
41002	A14-1273-002	GMI14-1898	64600	2.05	<DL	49.6	0.42	<DL	75200	0.885	10.4	51	118	0.104	109	4.51	2.86	1.37	137000	18.7	3.74	0.077	2230	4.09	15.9
41003	A14-1273-003	GMI14-1899	65800	1.35	<DL	61.9	0.393	<DL	77100	0.844	10.5	47.9	83	0.142	106	4.72	2.95	1.39	131000	19.2	3.87	0.071	2390	4.05	13.5
41004	A14-1273-004	GMI14-1900	67100	1.66	<DL	74.7	0.434	<DL	80300	0.741	10.7	45.7	66.5	0.148	101	4.68	3.02	1.45	130000	19.4	4.04	0.075	2240	4.2	14.4
41005	A14-1273-005	GMI14-1901	66200	1.15	<DL	81.3	0.385	<DL	92900	0.904	10.5	45.4	64.1	0.156	99.4	4.73	3.09	1.43	118000	19.3	3.9	0.072	2420	4.16	12
41006	A14-1273-006	GMI14-1902	61800	1.54	<DL	75.7	0.447	<DL	75400	0.662	10.9	46	65.1	0.085	102	4.66	2.99	1.41	123000	19.3	4	0.073	2410	4.17	10.6
41007	A14-1273-007	GMI14-1903	57600	1.77	<DL	49.2	0.406	<DL	84000	0.67	10.1	45.7	68.2	0.054	100	4.37	2.71	1.25	128000	17.9	3.67	0.071	1750	3.82	10.5
41008	A14-1273-008	GMI14-1904	65600	1.43	<DL	99	0.44	<DL	82700	0.798	10.9	49.1	64.1	0.115	112	4.85	3.07	1.46	130000	20.9	4.04	0.08	2870	4.24	10.4
41009	A14-1273-009	GMI14-1905	61300	1.47	<DL	90.1	0.431	<DL	78200	0.716	11.1	48.3	65.8	0.066	112	4.8	2.93	1.51	129000	20.8	3.93	0.08	2540	4.28	9.61
41010	A14-1273-010	GMI14-1906	65900	1.46	<DL	137	0.426	<DL	82000	0.841	11.4	50	68	0.105	107	4.9	3.1	1.63	126000	22.7	4.15	0.068	3350	4.54	7.8
41011	A14-1273-011	GMI14-1907	67600	1.55	<DL	126	0.47	<DL	88800	0.842	11.1	47	73.7	0.32	110	4.89	3.08	1.55	126000	21.6	4.06	0.085	3110	4.43	7.58
41012	A14-1273-012	GMI14-1908	68300	1.57	<DL	143	0.456	<DL	74900	0.815	11.4	49.8	72.9	0.224	115	5.15	3.2	1.61	126000	22.5	4.23	0.084	2880	4.44	8.41
41013	A14-1273-013	GMI14-1909	66700	1.79	<DL	118	0.443	<DL	86200	0.857	11.1	48.2	73.4	0.366	107	5.04	3.17	1.56	130000	22	3.98	0.079	3150	4.27	6.29
41014	A14-1273-014	GMI14-1910	58000	1.71	<DL	101	0.459	<DL	70900	0.591	11	48.3	62.9	0.08	106	4.58	2.82	1.48	129000	20.8	3.86	0.074	2540	4.21	6.73
41015	A14-1273-015	GMI14-1911	58700	1.4	<DL	80.6	0.423	<DL	66700	0.575	11	48.6	67.7	0.069	110	4.78	2.87	1.46	128000	20	3.9	0.081	2100	4.3	7.12
41016	A14-1273-016	GMI14-1912	59200	1.43	<DL	62.1	0.504	<DL	73700	0.582	11	47.6	66.4	<DL	105	4.56	2.83	1.43	128000	19.6	3.88	0.084	2170	4.27	6.78
41017	A14-1273-017	GMI14-1913	61500	1.44	<DL	60	0.415	<DL	77200	0.648	11.2	47.5	60.3	0.048	112	4.8	3	1.46	126000	18.4	3.98	0.077	1820	4.36	9.51
41018	A14-1273-018	GMI14-1914	56500	1.69	<DL	52.4	0.516	<DL	59900	0.582	10.8	46.7	60.4	<DL	107	4.46	2.83	1.38	127000	18.5	3.93	0.075	1870	4.25	10
41019	A14-1273-019	GMI14-1915	57700	2.31	<DL	80.9	0.47	<DL	76900	0.63	10.6	48.3	61.4	0.096	108	4.43	2.7	1.5	125000	20	3.8	0.09	2600	4.19	10.5
41020	A14-1273-020	GMI14-1916	60300	2.68	<DL	74.6	0.53	<DL	71200	0.476	10.8	46.8	61.8	<DL	107	4.57	2.75	1.45	117000	19.5	3.94	0.093	2850	4.27	12.8
41021	A14-1273-021	GMI14-1917	53800	1.74	0.802	94.8	0.436	<DL	72500	0.456	10.2	45.6	59	0.119	102	4.03	2.43	1.41	114000	20.8	3.52	0.077	4820	4.01	15.3
41022	A14-1273-022	GMI14-1918	59300	1.84	<DL	55.1	0.491	<DL	73100	0.7	10.1	43.6	66.5	0.172	123	4.29	2.7	1.27	117000	18.4	3.68	0.072	1590	3.89	13.1
41023	A14-1273-023	GMI14-1919	65200	1.89	<DL	28.1	0.528	<DL	98200	0.917	10.6	44.8	81.5	0.209	82.5	4.66	3.05	1.29	130000	19.7	3.9	0.082	620	4.21	13.2
41024	A14-1273-024	GMI14-1920	89200	10.4	0.5	1100	2.21	<DL	50000	0.921	69.5	21.3	151	4.38	26.6	4.63	2.8	3.59	62000	59.4	8.31	0.059	32400	36	40.3
41025	A14-1273-025	GMI14-1921	49400	2000	5.01	595	0.89	<DL	47800	1.35	26.6	28.3	130	1.7	150	4.06	2.35	2.49	132000	33.7	5.47	0.072	5320	18.1	6.67
41026	A14-1273-026	GMI14-1922	65700	1.98	<DL	95	0.493	<DL	74200	0.852	11.6	48.2	80.1	0.19	108	4.85	3.13	1.57	120000	20.3	4.12	0.071	3560	4.48	12.2
41027	A14-1273-027	GMI14-1923	58500	2.44	<DL	84.1	0.424	<DL	77800	0.763	10.7	50.2	182	0.09	122	4.5	2.92	1.59	132000	21.3	3.82	0.078	3170	4.19	12.6
41028	A14-1273-028	GMI14-1924	62200	1.8	<DL	49.7	0.478	<DL	75800	0.601	11.2	48.7	73.6	0.068	110	4.71	2.91	1.46	127000	19.2	3.99	0.074	2290	4.27	11.4
41029	A14-1273-029	GMI14-1925	64300	1.9	<DL	48.2	0.475	<DL	74500	0.659	11.2	49	78.2	0.076	109	4.94	2.98	1.42	131000	19.1	4.18	0.082	2320	4.36	11.5
41030	A14-1273-030	GMI14-1926	56300	1.22	<DL	44.8	0.482	<DL	61300	0.717	9.15	41.5	68.4	0.116	117	4.1	2.61	1.23	116000	17.1	3.37	0.086	1940	3.63	18.7
41031	A14-1273-031	GMI14-1927	58000	1.72	<DL	46.1	0.539	<DL	71800	0.644	9.12	47.5	69.5	0.139	133	4.21	2.65	1.35	126000	18.3	3.56	0.083	1920	3.62	16.5
41032																									

0.098	7460	366	<DL	33200	7.71	28.4	35.6	158	4.22	2.54	0.124	30.2	0.046	0.077	5.99	<DL	4.2	0.866	107	<DL	0.479	5.19	1640	0.196	2.59	102	0.913	5.9	0.677	75.5
0.175	6940	399	11.2	33500	8.45	43	35.3	96.7	5.41	5.65	0.115	27.5	0.123	<DL	4.05	<DL	7.32	0.957	237	<DL	0.917	8.31	1250	0.183	3.68	105	<DL	13.8	1.31	72.4
0.121	8890	438	<DL	31900	6.41	19.9	52.1	16.5	6.49	6.18	0.117	22.3	0.159	<DL	9.64	<DL	3.92	0.8	319	<DL	0.491	4.86	2410	0.163	2.39	128	<DL	7.52	0.829	80.4
0.132	21500	930	<DL	14900	2.63	6.28	132	15.3	4.8	4.67	0.076	10.5	0.105	<DL	17.7	<DL	1.37	<DL	223	<DL	0.312	2.98	4160	0.116	1.73	240	<DL	6.97	0.925	96.6
0.137	20000	922	<DL	15800	3.12	7.64	126	34.6	6.17	4.85	0.069	8.59	0.11	<DL	17.7	<DL	1.74	<DL	241	<DL	0.316	1.83	4070	0.073	1.47	248	<DL	6.97	0.909	88.4
0.137	27200	930	<DL	16600	3.13	5.93	137	11.3	7.44	7.32	0.057	8.93	0.194	<DL	23.1	<DL	1.42	<DL	358	<DL	0.294	1.25	4390	0.079	1.1	252	<DL	7.7	0.963	112
0.148	30400	966	<DL	16400	2.29	5.14	138	33.2	5.76	7.54	<DL	15.2	0.189	<DL	24.1	<DL	1.3	<DL	360	<DL	0.295	<DL	4330	0.125	0.526	258	<DL	8.17	0.995	108
0.145	27200	956	<DL	17200	2.08	4.86	134	47.3	4.84	5.94	<DL	15.2	0.144	<DL	22.2	<DL	1.31	<DL	285	<DL	0.299	<DL	4380	0.122	0.482	250	<DL	7.85	1.01	93.9
0.236	38500	1790	<DL	37000	6.08	13	260	321	12.2	11.1	0.095	17.8	0.308	0.076	36.1	<DL	2.66	1.12	512	<DL	0.562	2.35	8130	0.183	3.56	437	<DL	12.9	1.63	170
<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	0.301	<DL	0.072	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
0.111	20200	846	3.89	18800	2.4	5.11	125	29.9	7.04	4.23	<DL	7.63	0.096	<DL	17.6	<DL	1.29	<DL	206	<DL	0.268	<DL	4090	0.064	0.943	247	<DL	5.88	0.749	101
0.115	17900	815	<DL	18200	2.55	5.17	121	122	7.03	3.52	0.051	6.55	0.064	<DL	15.5	<DL	1.32	<DL	162	<DL	0.27	<DL	4240	<DL	0.409	242	<DL	5.68	0.791	97.6
0.108	19800	811	<DL	20900	3.83	8.86	117	103	8.19	3.57	0.051	4.02	0.063	<DL	16	<DL	1.7	0.83	166	<DL	0.306	<DL	4220	<DL	0.561	249	<DL	5.83	0.751	129
0.422	30500	1270	<DL	13500	5.16	9.82	45	1270	0.927	5.26	0.055	5.09	<DL	0.098	38.6	<DL	3.19	<DL	74.9	4.42	0.799	<DL	13500	0.078	0.105	447	<DL	24.6	2.68	115
0.453	29600	1320	<DL	15200	4.15	10.4	44.4	1350	0.727	5.49	<DL	5.54	0.03	0.084	39.6	<DL	3.35	<DL	76.3	<DL	0.847	<DL	13800	0.077	0.11	454	<DL	25.7	2.95	117
0.447	33200	1470	<DL	13400	3.77	9.45	69	1300	0.779	6.49	0.053	5.56	0.04	0.085	39.6	<DL	3.17	<DL	108	<DL	0.824	<DL	12800	0.069	0.094	434	<DL	27.3	2.98	113
0.352	17100	946	<DL	9320	15.3	33.2	38.8	686	11.5	5.68	0.059	106	0.067	0.944	14.6	<DL	6.29	2.58	138	<DL	1.02	10.4	4190	0.546	2.81	117	1.71	23	2.35	132
0.265	22100	1250	3.52	13800	18.2	16.5	96.2	1720	9.76	6.02	0.107	39.1	0.106	0.939	12.9	<DL	4.23	2.67	209	<DL	0.788	4.41	6720	0.325	1.46	123	1.98	17.7	1.79	124
0.378	28500	1220	<DL	11800	3.54	8.75	73.4	1130	1.34	5.37	0.063	6.3	0.042	0.083	33.5	<DL	2.73	<DL	103	<DL	0.698	<DL	11600	0.071	0.277	408	<DL	21.5	2.53	105
0.409	33300	1370	<DL	10100	3.57	9.07	75.1	1250	0.951	5.99	0.074	3.71	0.051	0.084	37.7	<DL	3.05	<DL	119	<DL	0.746	<DL	12900	<DL	0.128	450	<DL	23.2	2.57	114
0.451	26100	1440	<DL	14600	3.62	9.17	61.3	1300	0.688	6.14	0.061	5.08	0.038	0.1	41	<DL	3.05	<DL	97.6	<DL	0.802	<DL	13100	0.061	0.128	459	<DL	25.5	2.87	108
0.46	24300	1760	<DL	12500	3.62	9.48	56.3	1280	0.705	6.06	0.051	4.74	0.044	<DL	41.3	<DL	3.04	<DL	89	<DL	0.787	<DL	12700	<DL	0.105	440	<DL	26.6	2.83	112
0.452	19600	1670	<DL	16000	3.51	9.25	55.2	1260	0.646	6.27	0.06	5.68	0.032	<DL	41.4	<DL	3.01	<DL	80.7	<DL	0.775	<DL	12500	<DL	0.095	432	<DL	27.7	2.89	98.3
0.405	16800	1690	<DL	11200	3.65	9.75	54.8	1290	0.659	5.3	<DL	4.14	0.031	<DL	37	<DL	3.26	<DL	80.3	<DL	0.783	<DL	12900	<DL	0.102	444	<DL	23.7	2.67	110
0.384	17100	1810	<DL	9370	3.47	8.85	63.9	1240	0.74	5.32	0.051	2.42	0.033	<DL	35.4	<DL	2.88	<DL	87.3	<DL	0.723	<DL	12200	<DL	0.081	420	<DL	22	2.46	107
0.437	18900	1690	<DL	13100	3.74	9.63	64	1370	0.687	5.86	<DL	5.74	0.033	0.086	39.5	<DL	3.09	<DL	80.2	<DL	0.8	<DL	13300	<DL	0.087	452	<DL	25.9	2.89	119
0.408	16600	1800	<DL	11300	3.76	9.89	56.7	1330	0.786	5.63	0.062	3.73	0.045	<DL	37.3	<DL	3.21	<DL	97.9	<DL	0.792	<DL	13500	<DL	0.087	456	<DL	24	2.76	119
0.442	18100	1730	<DL	16400	3.88	10.3	59.7	1400	0.786	5.95	0.058	6.14	0.043	0.071	39.4	<DL	3.29	<DL	92.8	<DL	0.819	<DL	13800	0.06	0.101	478	<DL	26	2.83	120
0.463	19600	1760	<DL	17600	3.73	9.81	60.1	1340	1.33	6.87	0.062	7.2	0.055	0.083	41.2	<DL	3.18	<DL	123	<DL	0.796	<DL	13500	0.066	0.095	458	<DL	27.1	2.91	116
0.455	19500	1680	<DL	21000	3.95	10.1	59	1450	0.987	6.01	0.058	5.5	0.038	0.072	41	<DL	3.43	<DL	92.8	<DL	0.847	<DL	14100	0.064	0.1	483	<DL	26.8	2.85	122
0.467	18800	1710	<DL	19300	3.81	9.87	59.7	1400	1.1	6.37	0.054	8.11	0.047	0.074	41.1	<DL	3.38	<DL	105	<DL	0.819	<DL	13600	0.07	0.097	470	<DL	26.8	3.02	117
0.374	15800	1560	<DL	16000	3.75	9.89	59.1	1370	0.649	5.36	<DL	3.96	0.04	<DL	33.9	<DL	3.12	<DL	89.6	<DL	0.795	<DL	13300	<DL	0.09	442	<DL	22.4	2.58	119
0.377	14300	1580	<DL	16500	3.79	9.67	56.4	1380	0.567	5.24	0.058	3.07	0.035	<DL	33.8	<DL	3.11	<DL	86.9	<DL	0.784	<DL	13600	<DL	0.092	456	<DL	22	2.48	114
0.373	14200	1680	<DL	14400	3.79	9.79	56	1390	0.782	5.58	0.058	2.13	0.042	0.08	34.4	<DL	3.09	<DL	103	<DL	0.783	<DL	13500	<DL	0.095	452	<DL	21.8	2.48	113
0.396	17200	1560	<DL	19000	3.78	10.1	59.4	1410	0.748	5.77	<DL	2.86	0.045	<DL	37.2	<DL	3.39	<DL	97.2	<DL	0.819	<DL	13400	<DL	0.093	443	<DL	24.3	2.68	109
0.338	15700	1630	<DL	16400	3.69	9.7	55.1	1340	0.67	4.57	<DL	2.16	<DL	0.08	32.4	<DL	3.09	<DL	65.8	<DL	0.776	<DL	13200	<DL	0.081	438	<DL	20.7	2.45	114
0.354	14600	1630	<DL	17900	3.67	9.46	55.3	1330	1.16	5.04	<DL	4.92	0.037	<DL	33.6	<DL	3.1	<DL	83.2	<DL	0.75	<DL	13000	<DL	0.09	435	<DL	20.7	2.42	113
0.361	13100	1410	<DL	20200	3.69	9.89	56.1	1340	1.64	4.93	<DL	5.16	0.032	0.089	34.7	<DL	3.02	<DL	81.6	<DL	0.777	<DL	13300	<DL	0.089	450	<DL	21.5	2.42	114
0.334	12700	1190	<DL	14300	4.36	9.01	51.7	1260	1.62	5.07	<DL	7.19	0.056	0.082	31.3	<DL	2.9	<DL	116	<DL	0.708	<DL	12300	0.069	0.08	421	1.49	18	2.22	118
0.384	14800	1100	<DL	28500	3.66	8.84	54.7	1340	4.22	6	<DL	3.28	0.057	0.121	34.9	<DL	2.97	<DL	130	<DL	0.741	<DL	12800	<DL	0.085	442	2.97	21.3	2.51	99.6
0.439	15600	1210	<DL	28500	3.85	9.38	59.9	1410	7.39	9.71	0.066	1.56	0.157	0.26	39.3	<DL	2.97	<DL	322	<DL	0.761	<DL	13400	<DL	0.098	498	4.17	25.9	2.88	93.6
0.377	17300	1170	<DL	11100	14.6	32.3	42.3	834	11.6	6.39	0.056	102	0.071	1	17.5	<DL	6.37	2.43	148	<DL	1.1	9.92	5010	0.539	2.67	155	1.92	23.8	2.45	129
0.284	20800	3890	3.16	11000	13.7	18.7	89.1	3240	7.13	6.61	0.085	8.93	0.092	2.19	10.5	<DL	4.31	1.37	189	<DL	0.82	3.6	5310	0.116	1.46	131	1.77	19.3	1.79	154
0.433	16700	1510	<DL	24200	3.78	10	57.2	1380	4.21	6.11	0.074	9.51	0.043	0.107	39	<DL	3.17	<DL	102	<DL	0.803	<DL	13100	0.07	0.111	458	<DL	24.6	2.87	106
0																														

41043	A14-1273-043	GMI14-1939	44200	1.78	<DL	49.3	0.513	<DL	55000	0.741	10.8	49.3	61.4	<DL	120	4.09	2.37	1.29	130000	18.6	3.81	0.093	3250	4.15	16.1
41044	A14-1273-044	GMI14-1940	38400	1.49	<DL	37.8	0.444	<DL	52500	0.652	10.1	45.1	57.6	<DL	103	3.44	2.02	1.22	125000	17.1	3.29	0.092	2590	3.91	19.3
41045	A14-1273-045	GMI14-1941	41500	1.66	<DL	14.1	0.302	<DL	67700	0.542	9.63	43.4	54.5	<DL	99.4	3.38	2.04	1.08	117000	16.1	3.16	0.081	685	3.8	26.7
41046	A14-1273-046	GMI14-1942	45700	1.49	<DL	14.5	0.304	<DL	67700	0.511	8.94	44.5	54.6	<DL	105	3.61	2.13	1.11	114000	16	3.27	0.072	403	3.53	24

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
40799	A14-1271-025	GMI14-1868	57200	0.769	<DL	90.8	2.48	0.321	23200	1.78	28.4	24.7	172	0.066	424	1.55	1.1	0.73	40100	20.6	2.66	<DL	2560	18.4	14.1
40799	A14-1271-025	GMI14-1868 DUP	58200	0.777	<DL	87.2	2.49	<DL	22700	1.79	28	24.2	164	0.062	406	1.62	1.1	0.72	39300	20.2	2.64	<DL	2510	17.9	14.5
40872	A14-1271-048	GMI14-1891	42400	0.903	<DL	75.4	2.35	<DL	22900	0.48	25.5	42.9	247	0.073	53.9	1.5	0.922	0.694	56400	17.4	2.5	0.066	3760	16.5	19.4
40872	A14-1271-048	GMI14-1891 DUP	37100	0.577	<DL	75	2.38	<DL	22200	0.563	25.6	44.9	254	0.049	53.5	1.48	0.903	0.701	57000	17.1	2.48	0.065	3860	17.1	16.5
41020	A14-1273-020	GMI14-1916	60300	2.68	<DL	74.6	0.53	<DL	71200	0.476	10.8	46.8	61.8	<DL	107	4.57	2.75	1.45	117000	19.5	3.94	0.093	2850	4.27	12.8
41020	A14-1273-020	GMI14-1916 DUP	57300	2.36	<DL	73.5	0.502	<DL	68000	0.481	10.5	46	60.6	0.041	104	4.29	2.67	1.42	115000	19.2	3.75	0.074	2740	4.08	12.2
41046	A14-1273-046	GMI14-1942	45700	1.49	<DL	14.5	0.304	<DL	67700	0.511	8.94	44.5	54.6	<DL	105	3.61	2.13	1.11	114000	16	3.27	0.072	403	3.53	24
41046	A14-1273-046	GMI14-1942 DUP	43200	1.67	<DL	14.5	0.328	<DL	65900	0.443	8.73	44.3	54.1	<DL	107	3.5	2.05	1.1	113000	15.7	3.18	0.064	381	3.35	22.8

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg	
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02	
		Certified Values:		2200	3.3						20500				249600				14800							
		CRM PTM-1a #1		2350	3.56						17000				195000				11700							
		CRM PTM-1a #2		2440	3.16						17400				200000				11900							
		CRM PTM-1a #3		2150	3.01						15800				180000				13600							
		CRM PTM-1a #4		2200	4.25						16400				187000				16100							
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2			6000	17	
		CRM SU-1b #1	40800	3.24		346	0.311	2.63	21400	3.66	33.2	556	290	0.359	8920	1.5	0.779	1.35	207000	20.9	3.26			6100	16.4	
		CRM SU-1b #2	40600	3.11		343	0.321	1.81	20600	3.77	33.2	557	287	0.255	9110	1.39	0.797	1.35	208000	21.4	3.47			5960	16.3	
		CRM SU-1b #3	48500	2.89		343	0.457	2.56	26700	3.71	30.4	535	284	0.251	8740	1.38	0.782	1.35	251000	21.9	3.2			7660	16.1	
		CRM SU-1b #4	47000	3.59		334	0.474	1.97	25200	3.78	29.9	517	300	0.228	8550	1.34	0.739	1.37	246000	21.1	3.36			7520	15.5	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10	
		CRM RTS-3a #1	51200	22.2		117		32.7	21600	10.2		142	181	0.489	1920				177000	44.5		1.76	4740	7.86	11.4	
		CRM RTS-3a #2	50800	22.4		115		31	20900	10.3		146	184	0.37	2020				178000	44.1		1.77	4750	8.09	11.6	
		CRM RTS-3a #3	58600	17.4		109		30.1	25400	10.6		133	170	0.311	1820				205000	43.9		1.68	5650	7.3	14	
		CRM RTS-3a #4	51100	18.1		104		28.1	20800	10.5		130	165	0.186	1770				197000	41.2		1.65	5340	6.32	13.3	
		Certified Values:																								
		CRM SY-4 #1																								
		CRM SY-4 #2																								
		CRM SY-4 #3																								
		CRM SY-4 #4																								
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000					18000	52	25
		CRM LKSD-3 #1	60400	20.9		610	1.26		14500	1.83	88.2	29.2	70.7	1.23	32.6	4.55		2.51	34600					17000	45	20.1
		CRM LKSD-3 #2	61200	21.9		602	1.28		14400	1.8	85.6	28.9	69.2	1.29	33.8	4.47		2.47	34300					17000	45.5	20.1
		CRM LKSD-3 #3	71700	19.1		593	1.55		18000	1.9	77.8	27.5	67.7	1.29	32.2	4.28		2.52	40900					21700	43.9	24.6
		CRM LKSD-3 #4	65800	19.4		603	1.56		16400	1.99	71.1	27.8	67.8	0.7	32.8	3.81		2.47	40400					21900	40.7	21.8





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.95	9.87		8.23	9.72		9.64	10			9.99		9.86	9.84	9.84		9.73	9.53	9.83		9.74	8.35
		Spike #4		9.59	9.23		8.06	9.72		9.5	10.5			9.7		9.74	9.61	9.83		9.44	9.95	9.45		9.93	7.88
		Spike #7		8.81	8.88		9.27	9.48		9.76	9.49			9.49		9.42	9.5	9.48		9.57	9.33	9.71		9.59	9.51
		Spike #10		9.13	8.16		9.91	9.82		9.82	9.74			9.71		9.56	9.68	9.73		9.64	9.69	9.72		9.61	9.78
		Actual Spike Values:				100						100	100		100										
		Spike #2				82.2						79.9	79.9		78.2										
		Spike #5				85.3						88.1	86.6		86.6										
		Spike #8				106						104	104		105										
		Spike #11				87.3						83.9	85		83.9										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	9950						9940										9950				10000		
		Spike #6	10300						9210										10600				9520		
		Spike #9	11700						11200										12700				11700		
		Spike #12	10000						9640										11600				10000		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-025

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

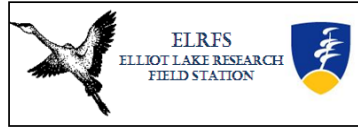
**Client Contact Information:**

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Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1274 (39) & 14-1275 (35)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 39 + 35  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 22, 2015 / Troy Maki  
Submission Date: 2015 02 03

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.04	mg/Kg 0.04	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03
41047	A14-1274-001	GMI14-1943	42000	1.26	0.796	36.1	0.477	<DL	52100	0.538	11.9	47.3	73.5	0.144	92.5	4.39	2.55	1.37	104000	17.6	3.83	0.119	1020	4.39	17.8
41048	A14-1274-002	GMI14-1944	40500	1.51	<DL	67.4	0.405	<DL	47000	0.457	13.4	49.7	58	0.102	120	4.51	2.64	1.5	104000	18.3	4.1	0.115	1360	4.93	16.4
41049	A14-1274-003	GMI14-1945	62000	11.5	0.522	1180	1.78	<DL	36800	0.831	76.8	18.5	138	3	21.8	4.42	2.54	3.31	44500	44.2	7.54	0.093	26700	36	26.7
41050	A14-1274-004	GMI14-1946	45100	452	1.27	459	1.2	<DL	28100	1.08	34.7	32.5	170	0.868	80.7	3.61	1.9	2.04	72700	26.7	4.86	0.092	12900	17.5	9.99
41051	A14-1274-005	GMI14-1947	39300	1.88	<DL	101	0.384	<DL	41500	0.498	14.5	59.2	57.9	0.072	144	4.83	2.67	1.85	127000	22	4.54	0.151	1860	5	16.1
41052	A14-1274-006	GMI14-1948	38900	2.24	<DL	78.2	0.4	<DL	48800	0.409	12.8	50.3	73.2	0.071	119	4.58	2.67	1.48	109000	18.3	4.13	0.112	1710	4.62	13.3
41053	A14-1274-007	GMI14-1949	36400	1.62	<DL	29.4	0.417	<DL	41600	0.345	13	49.5	41.9	0.07	106	4.3	2.52	1.37	127000	17.2	3.93	0.109	1980	4.81	20.8
41054	A14-1274-008	GMI14-1950	37800	1.24	<DL	213	0.719	<DL	32600	0.845	19.9	47.3	70.7	0.099	141	3.69	2.04	1.36	101000	20.4	3.96	0.1	5580	8.02	10.4
41055	A14-1274-009	GMI14-1951	33000	2.11	<DL	100	0.367	<DL	34500	0.401	19.1	50.3	47.7	0.068	128	4.26	2.41	1.72	113000	18.5	4.32	0.106	3540	8.62	17.2
41056	A14-1274-010	GMI14-1952	35200	1.46	<DL	50.9	0.38	<DL	53500	0.431	17.9	49.1	52.8	0.064	137	4.5	2.55	1.54	110000	17.2	4.4	0.095	2680	7.72	16.1
41057	A14-1274-011	GMI14-1953	35200	1.15	<DL	47	0.482	<DL	20200	0.366	15.7	49.1	38.7	0.048	107	4.49	2.54	1.51	115000	17.3	4.33	0.107	8260	5.91	30.1
41058	A14-1274-012	GMI14-1954	34800	1.16	<DL	68.7	0.534	<DL	18200	0.466	13.9	49.2	43.6	0.049	106	4.5	2.5	1.52	117000	18.6	4.24	0.118	9610	5.04	27.5
41059	A14-1274-013	GMI14-1955	36400	1.18	<DL	81.6	0.448	<DL	38800	0.507	14.8	50.2	48.3	0.044	117	4.6	2.67	1.64	115000	18.2	4.43	0.101	3020	5.49	10.5
41060	A14-1274-014	GMI14-1956	34100	1.45	<DL	31.9	0.637	<DL	33500	0.45	13.6	51.9	52.5	<DL	118	4.36	2.44	1.56	124000	19.8	4.17	0.114	1380	5	19
41061	A14-1274-015	GMI14-1957	29100	1.33	<DL	21.6	0.541	<DL	24300	0.344	13.4	42.6	47.3	0.04	91.2	4.63	2.58	1.59	99800	15.2	4.46	0.097	1520	5.13	25.2
41062	A14-1274-016	GMI14-1958	35500	1.72	<DL	32.5	0.568	<DL	35500	0.35	13	52.9	55.8	0.05	121	4.5	2.54	1.55	126000	17.7	4.18	0.113	1380	4.53	17.8
41063	A14-1274-017	GMI14-1959	34100	1.31	<DL	36.3	0.553	<DL	39200	0.422	14.1	49.3	44.1	0.05	98.3	4.54	2.53	1.6	110000	17.2	4.36	0.112	999	5.06	14.1
41064	A14-1274-018	GMI14-1960	35100	1.27	<DL	44.6	0.534	<DL	39200	0.481	13.1	51	48.2	0.046	111	4.56	2.55	1.59	114000	17.7	4.22	0.106	1280	4.61	11.9
41065	A14-1274-019	GMI14-1961	32400	1.19	<DL	26.9	0.656	<DL	37300	0.517	14.9	46.6	38.4	0.046	101	4.88	2.66	1.78	106000	16.8	4.73	0.098	788	5.25	14.4
41066	A14-1274-020	GMI14-1962	31200	1.12	<DL	71.3	0.553	<DL	24400	0.643	11.3	47.2	45.8	0.05	103	4.73	2.67	1.62	109000	17.7	4.32	0.087	1640	3.79	24.6
41067	A14-1274-021	GMI14-1963	33100	1.81	<DL	52.2	0.466	<DL	35800	0.762	13	50.5	38.6	0.049	104	4.46	2.61	1.49	120000	17.5	4.22	0.115	2730	4.44	15.6
41068	A14-1274-022	GMI14-1964	31800	1.44	<DL	32.7	0.552	<DL	26800	0.617	14.1	48.4	32.4	0.047	137	4.71	2.66	1.41	116000	17.5	4.37	0.11	1760	5.21	25
41069	A14-1274-023	GMI14-1965	33100	1.25	<DL	41	0.559	<DL	36600	0.543	12.9	45.9	31.6	0.05	79.9	4.46	2.56	1.34	109000	16.6	4.08	0.099	2110	4.58	14.5
41070	A14-1274-024	GMI14-1966	31700	0.985	<DL	16.1	0.495	<DL	57200	0.521	12.9	35.8	33.1	0.083	306	4.29	2.6	1.49	79800	13.4	4.15	0.086	687	4.97	20.6
41071	A14-1274-025	GMI14-1967	37800	1.19	<DL	42.4	0.478	<DL	42400	0.669	13.8	45.3	11.4	0.074	129	4.9	2.91	1.55	113000	17.7	4.45	0.103	1930	4.77	10.5
41072	A14-1274-026	GMI14-1968	34700	1.38	<DL	39.9	0.523	<DL	34200	0.726	16.1	44.9	6.87	0.255	86.8	5.07	2.97	1.52	113000	17.5	4.75	0.102	1930	5.63	11.6
41073	A14-1274-027	GMI14-1969	32100	0.96	<DL	26.9	0.495	<DL	44700	0.631	15.4	34.9	30.1	0.14	127	4.59	2.8	1.44	92500	14.2	4.33	0.098	1200	5.91	15.6
41074	A14-1274-028	GMI14-1970	52300	10.6	<DL	1090	1.25	<DL	50600	0.787	75.3	20.9	85.2	2.46	33.8	4.24	2.41	3.43	47900	43.9	7.74	0.084	24100	33.6	21
41075	A14-1274-029	GMI14-1971	34400	2150	4.06	586	0.551	<DL	35300	1.12	31.9	30.7	138	1.04	168	4.23	2.25	2.5	120000	26.4	5.72	0.083	4380	18.7	3.83
41076	A14-1274-030	GMI14-1972	34300	1.9	<DL	53.5	0.517	<DL	35200	0.67	13.8	37.7	25	0.095	90.6	4.55	2.82	1.42	97900	15.9	4.18	0.097	2000	4.83	12.1
41077	A14-1274-031	GMI14-1973	37300	3.05	<DL	114	0.442	<DL	39000	0.879	15.3	41.8	11.2	0.077	82.5	5.09	3.04	1.66	110000	19.5	4.65	0.098	1700	5.54	9.31
41078	A14-1274-032	GMI14-1974	36200	2.68	<DL	33.8	0.517	<DL	40200	0.787	15.8	40.6	29.1	0.091	98.2	5.27	3.12	1.7	111000	17.3	4.99	0.123	2000	5.58	14.2
41079	A14-1274-033	GMI14-1975	33900	2.4	<DL	31.1	0.449	<DL	26900	0.852	19.8	37.5	18.9	0.063	80.4	5.61	3.23	1.84	113000	18.1	5.38	0.134	1930	7.08	17.4
41080	A14-1274-034	GMI14-1976	37900	1.87	<DL	62	0.49	<DL	32400	0.99	25.6	33.2	39.8	0.068	92.8	7.13	4.16	1.87	95500	19.7	6.65	0.094	3390	9.34	19.6
41081	A14-1274-035	GMI14-1977	39400	1.36	<DL	122	0.582	<DL	26900	0.996	21.6	27.8	21.3	0.067	42.4	7.45	4.3	2.35	105000	21.6	6.81	0.108	4360	6.94	16.4

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.313	9630	1420	<DL	14400	5.03	10.2	61.1	1060	1.48	3.28	<DL	1.8	<DL	0.105	31.3	<DL	3.4	1.13	65.1	3.19	0.74	<DL	13400	<DL	0.074	442	0.929	17.6	2.25	116	
0.291	8950	1360	<DL	11200	4.27	10.8	57.4	1160	2.36	3.16	<DL	1.45	<DL	<DL	28.8	<DL	3.48	1.05	63.5	<DL	0.766	<DL	14100	<DL	0.089	433	<DL	17.5	2.23	129	
0.284	9330	722	<DL	6550	15.7	33.6	46.3	395	12.1	4.31	0.064	78.5	0.046	1.06	12.5	<DL	6.42	2.88	123	<DL	0.944	10.1	4190	0.478	2.89	120	1.89	20.6	2.13	111	
0.194	10500	1280	3.68	8840	19	18.4	112	1420	10.4	4.24	0.104	26.7	0.068	0.994	10.4	<DL	4.21	2.93	180	<DL	0.712	4.03	7100	0.271	1.51	129	2.1	13.1	1.47	128	
0.27	9280	1780	<DL	8010	4.49	12.3	60.4	1240	4.92	3.39	<DL	1.57	<DL	0.083	30	<DL	3.86	1.26	88.1	<DL	0.846	<DL	15900	<DL	0.096	494	<DL	16.7	2.19	171	
0.297	10100	1440	<DL	10600	4.03	10.5	53.7	1040	3.61	3.53	<DL	1.96	<DL	0.097	28.1	<DL	3.25	0.949	81.5	<DL	0.766	<DL	13500	<DL	0.109	414	<DL	18.1	2.3	143	
0.262	12900	1570	<DL	5560	3.95	10.5	52.6	1090	2.33	2.79	<DL	0.814	<DL	0.088	27.3	<DL	3.3	0.912	43.8	<DL	0.754	<DL	13900	<DL	0.07	422	<DL	16.1	2.05	168	
0.235	8100	986	<DL	12800	4.89	12.6	71.6	553	8.37	2.58	0.072	8.78	<DL	0.326	19	<DL	3.42	1.13	73.5	<DL	0.647	1.14	8720	0.08	0.453	309	<DL	12.1	1.74	154	
0.251	11800	1370	<DL	5830	4	13	54.1	1000	4.7	3.07	<DL	1.7	<DL	0.124	22.4	0.817	3.71	0.929	71.4	<DL	0.745	<DL	13100	<DL	0.12	401	<DL	15.5	1.92	164	
0.27	10600	1620	<DL	7660	3.85	13	54.1	1050	2.23	3.4	<DL	1.27	<DL	0.081	27	<DL	3.69	0.833	68.8	<DL	0.778	<DL	13500	<DL	0.066	412	<DL	17.3	2.04	129	
0.277	15400	1310	<DL	3840	3.98	12	49.8	1170	1.29	2.64	<DL	0.989	<DL	0.084	23.9	0.865	3.7	0.881	33.1	<DL	0.78	<DL	14100	<DL	0.07	431	<DL	17.3	2.13	123	
0.275	15400	1200	<DL	5410	4.16	11.3	49.6	1240	1.17	2.69	<DL	1.73	<DL	0.083	23.6	<DL	3.74	0.851	38.2	<DL	0.776	<DL	15000	<DL	0.076	444	<DL	17.1	2.05	122	
0.287	9590	1280	<DL	14000	4.06	12.1	51.4	1210	1.67	3.11	<DL	2.11	<DL	0.101	26.6	<DL	3.76	0.883	66.3	<DL	0.787	<DL	14200	<DL	0.074	436	<DL	16.5	2.2	120	
0.249	11900	1570	<DL	6260	4.21	11.2	53.2	1230	1.83	3.15	<DL	0.587	<DL	0.091	23.2	<DL	3.61	0.867	88.8	<DL	0.756	<DL	15000	<DL	0.071	451	<DL	14.8	1.91	156	
0.279	14200	1200	<DL	5300	3.63	11.7	44.9	1050	2.08	2.88	<DL	0.338	<DL	0.087	18.2	0.946	4	0.933	33.3	<DL	0.813	<DL	12800	<DL	0.086	381	<DL	18.7	2.1	142	
0.269	11300	1640	<DL	7270	4.17	11.2	54.5	1230	1.92	2.65	<DL	0.959	<DL	0.084	25.1	0.897	3.76	0.871	41.9	<DL	0.8	<DL	15000	<DL	0.078	443	<DL	15.7	2.1	152	
0.259	10100	1480	<DL	11900	4.07	11.6	54.4	1210	2.28	2.71	<DL	0.935	<DL	0.083	23.7	<DL	3.81	0.866	43.3	<DL	0.804	<DL	14800	<DL	0.079	431	<DL	15.8	2.04	141	
0.275	9900	1470	<DL	12200	4.05	11.2	54.3	1230	2.67	2.98	<DL	0.988	<DL	0.071	24.2	<DL	3.7	0.847	59.2	<DL	0.797	<DL	14800	<DL	0.072	432	<DL	15.6	2.04	139	
0.285	10300	1160	<DL	13000	4.2	13.1	52.4	1300	3.11	2.52	<DL	0.795	<DL	0.083	21.6	<DL	4.24	0.846	30.4	<DL	0.874	<DL	15000	<DL	0.096	419	<DL	16.2	2.11	141	
0.315	14600	1090	<DL	6980	4.06	10.9	49.9	1250	3.83	3.06	<DL	1.75	<DL	0.093	20.9	0.757	3.93	1.16	31.9	<DL	0.823	<DL	14600	<DL	0.104	409	1.2	19.3	2.24	157	
0.311	12900	1310	<DL	8290	4.03	11	50	1220	2.96	2.95	0.075	3.37	<DL	0.099	24.3	<DL	3.59	0.816	55.5	<DL	0.79	<DL	14400	<DL	0.076	421	<DL	16.3	2.3	143	
0.317	14700	1280	<DL	6480	4.28	11.5	49.4	1270	2.72	2.94	<DL	1.63	<DL	0.071	21.3	0.822	3.72	0.92	37.8	<DL	0.787	<DL	15100	<DL	0.1	427	<DL	18.5	2.33	153	
0.289	11100	1190	<DL	10900	4.04	10.5	45	1220	2.14	2.81	0.061	3.35	<DL	0.092	23.7	<DL	3.51	<DL	44.8	<DL	0.757	<DL	14500	<DL	0.082	418	<DL	15.7	2.17	121	
0.312	10900	933	<DL	10300	3.13	10.9	40	875	2.11	3.27	<DL	1.12	<DL	0.11	24	<DL	3.47	<DL	30.3	<DL	0.733	<DL	11100	<DL	0.078	334	<DL	19.3	2.23	91.8	
0.358	10700	1290	<DL	15900	4.07	11.6	37.5	1220	1.31	3.31	0.06	2.78	<DL	0.091	30.4	0.8	3.65	<DL	51.7	<DL	0.817	<DL	14200	<DL	0.08	431	<DL	18.9	2.54	106	
0.346	9500	1160	<DL	13800	5.18	12.7	30.6	1200	1.45	3.29	0.06	3.33	<DL	0.09	26.4	0.614	3.96	<DL	39.4	<DL	0.879	<DL	15200	<DL	0.096	422	<DL	18.8	2.47	110	
0.336	10800	928	<DL	12600	3.61	11.8	28.7	912	1.44	3.51	0.062	2.21	<DL	0.086	26.9	<DL	3.57	<DL	34.5	<DL	0.786	<DL	12700	<DL	0.061	378	<DL	20.3	2.45	78.8	
0.286	11900	808	<DL	6570	14.6	32.2	46.3	424	12.1	4.51	0.053	69	0.048	0.853	12.6	<DL	6.38	2.47	121	<DL	0.956	7.91	5030	0.414	2.42	146	1.6	18.6	2.07	111	
0.249	12600	3900	3.41	7700	14.4	22.5	105	2280	7.8	5.17	0.071	7.48	0.086	2.13	9.3	2.55	4.84	1.6	181	<DL	0.841	3.66	5410	0.084	1.52	138	1.91	17	1.75	154	
0.339	10400	1010	<DL	14800	4.03	10.8	27.5	916	1.94	3.35	0.061	3.97	<DL	0.125	26.3	<DL	3.46	0.871	45.2	<DL	0.783	<DL	12000	<DL	0.112	364	<DL	18.9	2.48	81.7	
0.384	9190	1360	<DL	17900	4.56	12	20.7	1210	1.33	3.55	0.077	2.57	<DL	0.088	28.6	<DL	3.91	0.81	44.5	<DL	0.859	<DL	14300	<DL	0.093	380	<DL	20.3	2.73	96.4	
0.37	8330	1420	<DL	12600	4.67	12.9	13.8	1350	1.55	3.64	0.055	5.21	<DL	0.083	27.9	0.688	4.08	0.886	50.5	<DL	0.907	<DL	15000	<DL	0.093	352	<DL	20	2.65	112	
0.381	9790	1450	<DL	8580	5.35	15.2	6.19	1550	1.98	3.59	0.079	2.92	<DL	0.078	19.5	<DL	4.66	0.919	52.3	<DL	0.954	<DL	14200	<DL	0.121	219	<DL	20.3	2.73	141	
0.485	8450	1180	<DL	8730	6.19	18.2	8.01	2160	2.31	5.71	0.073	7.97	0.051	0.087	20.1	<DL	5.76	0.856	130	<DL	1.21	<DL	13400	<DL	0.158	116	<DL	27	3.5	124	
0.484	7240	1350	<DL	10400	6.73	18.1	4.49	2150	13.1	5.55	0.091	8.18	0.041	0.091	20.5	<DL	5.83	<DL	107	<DL	1.27	<DL	11800	<DL	0.131	64.5	<DL	27.8	3.72	164	

41082	A14-1274-036	GMI14-1978	39400	1.86	<DL	42.5	0.683	<DL	24300	1.12	23.9	24	22.3	0.071	51.6	7.98	4.59	2.21	107000	19.3	7.2	0.104	3060	8.1	17.3
41083	A14-1274-037	GMI14-1979	26400	2.22	<DL	19.5	0.339	<DL	11300	0.75	15.8	21.4	62	0.06	33.8	5.14	3.15	1.36	68500	12.7	4.66	0.071	1330	5.88	32.3
41084	A14-1274-038	GMI14-1980	14200	0.661	<DL	7.77	0.183	<DL	66700	0.258	12.1	19.8	62.3	0.063	234	3.38	2.26	1.05	47200	6.57	3.6	<DL	998	5.26	20.7
41085	A14-1274-039	GMI14-1981	28900	1.75	<DL	24.1	0.354	<DL	31900	0.766	21.3	26.7	71.1	0.106	77.1	6.02	3.57	1.97	74800	12.3	5.98	0.075	5090	8.06	23.9
41086	A14-1275-001	GMI14-1982	28300	1.34	<DL	34.5	0.419	<DL	19600	0.777	27	25.7	71.3	0.057	108	6	3.59	1.81	79000	13	6.15	0.075	6060	11	23.8
41087	A14-1275-002	GMI14-1983	32700	1.17	<DL	36	0.467	<DL	38500	0.675	19.5	41.5	26.1	0.069	658	4.92	2.8	1.67	109000	16.1	4.98	0.115	2730	7.64	16.5
41088	A14-1275-003	GMI14-1984	7050	0.402	<DL	8.5	0.194	<DL	27100	0.112	10.5	8.04	203	0.101	78.8	1.54	1.05	0.605	17700	3.01	2.11	<DL	419	4.41	13.7
41089	A14-1275-004	GMI14-1985	28500	0.679	<DL	12.7	0.326	<DL	35800	0.446	13.6	29.9	49.8	0.063	81.7	4	2.46	1.24	76700	11.3	3.86	0.084	643	5.15	13.6
41090	A14-1275-005	GMI14-1986	30300	1.15	<DL	22.8	0.427	<DL	36000	0.733	16.4	36.2	37.9	0.079	412	4.83	2.93	1.5	91100	14.3	4.8	0.098	1320	6.09	15.1
41091	A14-1275-006	GMI14-1987	35200	1.82	<DL	23.2	0.441	<DL	52200	0.788	16.4	44.3	18.6	0.06	118	5.25	3.19	1.38	108000	16.7	4.76	0.112	1330	6.15	12.4
41092	A14-1275-007	GMI14-1988	33200	1.09	<DL	26.7	0.454	<DL	33700	0.972	17	49.3	12.5	0.064	77	5.74	3.3	1.68	114000	17.3	5.39	0.105	1710	5.9	14.3
41093	A14-1275-008	GMI14-1989	37600	1.12	<DL	34.5	0.499	<DL	58500	1	21.9	33.2	20.5	0.108	63.8	7.13	4.41	2.25	101000	17.9	6.77	0.117	1970	7.65	13
41094	A14-1275-009	GMI14-1990	38600	1.26	<DL	49.5	0.521	<DL	22700	1.04	24.1	25.1	25.2	0.065	52.2	7.74	4.55	2.27	106000	19.8	7.18	0.118	3170	8.28	17.1
41095	A14-1275-010	GMI14-1991	43500	0.755	1.08	52.9	0.9	<DL	36100	1.13	21.4	26.3	26.4	0.311	58.1	7.07	4.18	1.92	115000	20.1	6.57	0.064	4430	8.89	35.4
41096	A14-1275-011	GMI14-1992	51400	0.933	0.679	63.9	0.959	<DL	36900	1.09	22.4	25.4	26.3	0.264	53.1	8.19	4.81	2.37	129000	22.5	7.39	0.103	4900	9.06	22.4
41097	A14-1275-012	GMI14-1993	57000	1.12	0.592	63.3	1.02	<DL	35400	1.33	25	25.3	25.7	0.17	52.5	8.82	5.23	2.48	135000	24.1	7.7	0.151	4740	10.4	21.6
41098	A14-1275-013	GMI14-1994	56800	1.49	0.547	36.6	0.956	<DL	42100	1.54	22.4	27.2	32.5	0.191	51.5	8.83	5.31	2.48	130000	21	7.7	0.097	1710	9.09	17.5
41099	A14-1275-014	GMI14-1995	69600	11.1	0.526	1190	2.16	<DL	38500	0.803	69.4	19.9	124	2.07	25.8	4.58	2.63	3.34	56000	47.8	7.83	0.056	29400	35.8	30.5
41100	A14-1275-015	GMI14-1996	51400	460	1.5	484	1.62	<DL	31200	1.42	31.4	33.1	180	0.708	84.6	3.29	1.75	1.96	81800	28.7	4.65	0.052	15000	17.4	12.3
41101	A14-1275-016	GMI14-1997	56600	1.18	<DL	40.9	0.79	<DL	44100	1.04	21.7	27.3	28.9	0.128	52.2	8.26	5.03	2.52	137000	23	7.36	0.111	1810	8.54	16.2
41102	A14-1275-017	GMI14-1998	52900	1.3	<DL	57.2	0.615	<DL	54800	0.994	14.6	38.2	17.7	0.191	65	6.18	3.86	1.88	140000	21	5.26	0.084	4070	5.62	15.2
41103	A14-1275-018	GMI14-1999	56400	1.39	<DL	66	0.497	<DL	65800	0.925	11.8	46.4	11.2	0.306	79.8	5.45	3.47	1.57	143000	19.5	4.46	0.08	4850	4.61	16.4
41104	A14-1275-019	GMI14-2000	44500	1	<DL	51.5	0.773	<DL	53900	0.753	11.9	46.5	9.96	0.244	79.3	4.7	2.75	1.44	126000	18.2	4.14	0.067	3530	4.94	24.2
41105	A14-1275-020	GMI14-2001	41000	1.18	<DL	59	0.656	<DL	51600	0.808	11.2	46.9	10.2	0.168	73.5	4.42	2.58	1.44	127000	17.2	3.97	0.065	3950	4.41	20.8
41106	A14-1275-021	GMI14-2002	44200	1.46	<DL	46.6	0.502	<DL	47000	0.787	11.7	46	13.4	0.141	79.3	4.76	2.8	1.53	139000	18	4.02	0.089	3180	4.73	22.7
41107	A14-1275-022	GMI14-2003	46900	1.3	<DL	49.1	0.549	<DL	49300	1.31	17.8	44.7	14.6	0.143	86	5.42	3.25	1.93	148000	19.4	5.1	0.271	3570	8.68	22
41108	A14-1275-023	GMI14-2004	41300	1.27	<DL	41.1	0.673	<DL	60300	0.956	14	44.7	13.5	0.2	78.1	4.77	2.88	1.56	123000	17.3	4.55	0.074	2880	5.92	30
41109	A14-1275-024	GMI14-2005	47200	1.53	<DL	61	0.584	<DL	52200	0.774	9.75	51.4	9.48	0.154	76.1	4.3	2.71	1.41	143000	17.9	3.65	0.068	4540	3.72	17.9
41110	A14-1275-025	GMI14-2006	40100	1.57	<DL	54.1	0.432	0.388	49100	0.686	9.07	57.7	7.07	0.143	63.6	3.68	2.16	1.23	142000	18.2	3.18	0.057	3430	3.45	15
41111	A14-1275-026	GMI14-2007	39200	1.22	<DL	67.8	0.377	<DL	54700	0.72	8.35	52.5	3.96	0.16	67.7	3.44	2.02	1.17	134000	17.7	3.01	0.063	4950	3.19	10.3
41112	A14-1275-027	GMI14-2008	40900	1.21	<DL	75.1	0.367	<DL	50300	0.608	8.03	56.5	4.05	0.139	66.5	3.32	1.97	1.14	139000	18	2.94	0.059	5590	3.12	13.4
41113	A14-1275-028	GMI14-2009	40000	1.29	<DL	73.5	0.352	<DL	47100	0.575	8.35	60	3.58	0.1	66.9	3.29	1.98	1.16	142000	18.1	2.96	0.062	5520	3.16	13.7
41114	A14-1275-029	GMI14-2010	39800	1.08	<DL	71	0.44	<DL	47800	0.545	8.01	58.8	3.15	0.116	67.3	3.26	1.87	1.17	137000	17.8	2.91	0.056	4450	3.01	14.2
41115	A14-1275-030	GMI14-2011	30300	1.01	<DL	38.6	0.549	<DL	61000	0.517	7.14	55.2	6.24	0.101	51.1	3.19	1.79	0.952	121000	15.9	2.86	<DL	1980	2.77	24.1
41116	A14-1275-031	GMI14-2012	34800	0.925	<DL	45.6	1.43	<DL	72000	1.02	51.6	48.8	197	0.12	87.1	3.87	2.04	2.06	101000	14.8	7.23	0.051	1350	24.2	14.7
41117	A14-1275-032	GMI14-2013	41800	1.06	<DL	64.2	0.649	<DL	51400	0.614	8.94	57.3	33	0.13	67.7	3.11	1.92	1.12	132000	17.6	2.89	0.055	2400	3.62	13.3
41118	A14-1275-033	GMI14-2014	35700	0.948	<DL	46.9	0.41	<DL	43400	0.531	7.59	61	3.21	0.081	81	3.05	1.78	1.04	139000	17.1	2.73	0.064	2900	2.92	13.6
41119	A14-1275-034	GMI14-2015	36400	1.31	<DL	36.4	0.354	<DL	44400	0.512	7.38	62	2.71	0.084	73.9	2.94	1.71	0.97	139000	16	2.63	0.053	2450	2.83	14
41120	A14-1275-035	GMI14-2016	39000	1.44	<DL	47.1	0.352	<DL	50200	0.515	7.69	63.6	2.52	0.094	81.6	2.92	1.72	1.05	143000	17.4	2.62	<DL	3780	2.9	12.4

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
41071	A14-1274-025	GMI14-1967	37800	1.19	<DL	42.4	0.478	<DL	42400	0.669	13.8	45.3	11.4	0.074	129	4.9	2.91	1.55	113000	17.7	4.45	0.103	1930	4.77	10.5
41071	A14-1274-025	GMI14-1967 DUP	38200	1.31	<DL	42.6	0.472	<DL	42600	0.737	13.8	45.7	11.3	0.078	130	4.89	2.94	1.6	115000	17.7	4.32	0.111	1960	4.78	10.5
41094	A14-1275-009	GMI14-1990	38600	1.26	<DL	49.5	0.521	<DL	22700	1.04	24.1	25.1	25.2	0.065	52.2	7.74	4.55	2.27	106000	19.8	7.18	0.118	3170	8.28	17.1
41094	A14-1275-009	GMI14-1990 DUP	38700	0.887	<DL	48.8	0.492	<DL	22000	1.12	23.8	24.5	26.8	0.066	59.2	7.71	4.52	2.23	103000	19.5	7.12	0.114	3100	8.19	16.9
41120	A14-1275-035	GMI14-2016	39000	1.44	<DL	47.1	0.352	<DL	50200	0.515	7.69	63.6	2.52	0.094	81.6	2.92	1.72	1.05	143000	17.4	2.62	<DL	3780	2.9	12.4
41120	A14-1275-035	GMI14-2016 DUP	39000	1.46	<DL	45.1	0.342	<DL	48200	0.465	7.39	60.7	2.66	0.094	78.1	2.9	1.66	0.964	137000	16.9	2.59	0.055	3640	2.77	12.3

0.538	7680	1280	<DL	11000	7.62	18.9	4.19	2310	3.08	4.97	0.105	7.43	<DL	0.079	20.8	<DL	6.09	1.1	54.6	<DL	1.36	<DL	13200	<DL	0.15	58.5	<DL	29.4	3.95	142
0.387	11800	681	<DL	6540	4.54	12.3	9.17	1070	4.05	3.51	0.062	2.2	<DL	0.073	13.1	<DL	4.01	0.98	19.3	<DL	0.875	<DL	7870	<DL	0.127	104	0.807	23.3	2.75	97.9
0.311	40800	1360	<DL	4590	2.22	10.1	22.5	468	4.17	3.16	<DL	0.704	<DL	<DL	11.2	<DL	2.64	<DL	22.3	<DL	0.593	<DL	5820	<DL	0.069	141	<DL	17.9	1.96	58.7
0.435	19900	771	19.2	9550	3.75	16.2	9.34	1050	2.12	5.01	0.056	2.22	<DL	0.087	19.3	<DL	5.14	1.1	29.2	<DL	1.06	<DL	9690	<DL	0.142	151	1.21	30.4	3.11	75.6
0.433	14000	713	4.47	7620	4.62	18.3	9.95	1320	2.03	4.2	0.066	2.24	<DL	0.099	16.4	<DL	5.18	0.768	20.6	<DL	1.05	<DL	10400	<DL	0.167	151	1.11	27.3	3.01	82.5
0.342	10200	1230	<DL	8290	3.88	14.2	17.6	1040	0.93	3.39	0.057	5.73	<DL	0.097	25.8	<DL	4.15	0.887	41.5	<DL	0.844	<DL	14400	<DL	0.082	403	<DL	18.6	2.42	114
0.11	4590	351	<DL	1750	0.864	7	10.1	<DL	0.826	1.89	<DL	1.41	<DL	0.135	5.96	<DL	1.63	<DL	16.6	<DL	0.292	<DL	2150	<DL	<DL	57.4	<DL	11.3	0.808	18.2
0.309	10800	1010	<DL	12500	2.77	10.4	19	606	0.944	3.41	<DL	0.918	<DL	0.099	23.7	<DL	3.15	0.932	33.7	<DL	0.679	<DL	9580	<DL	<DL	290	<DL	19.5	2.19	71.9
0.346	10100	1090	<DL	11600	3.85	12.6	20.3	1030	1.41	3.44	<DL	2.76	<DL	0.101	22.4	1.11	3.87	0.703	35	<DL	0.849	<DL	12100	<DL	0.096	331	<DL	20	2.47	100
0.415	10700	1610	<DL	13600	4.32	12.3	18.5	1230	1.5	4.01	0.061	2.09	<DL	0.09	30.5	0.625	3.98	0.733	63.3	<DL	0.88	<DL	14600	<DL	0.074	368	<DL	21.3	2.9	102
0.381	9810	1850	3.45	10800	5.32	13.8	9.97	1540	1.52	3.78	0.089	3.14	<DL	0.077	25.1	<DL	4.61	0.724	62.8	<DL	0.993	<DL	16200	<DL	0.102	322	<DL	20	2.81	113
0.552	10300	1850	<DL	13200	6.07	17.6	11.9	2000	1.94	7.18	0.072	5.25	0.061	0.095	26.4	<DL	5.47	1.04	155	<DL	1.24	<DL	14000	<DL	0.132	151	<DL	31.4	3.83	98.5
0.513	7990	1300	<DL	11700	7.16	19.1	4.15	2240	2.38	5.03	0.091	6.67	<DL	0.08	20.4	1.2	6.01	1.06	63.1	<DL	1.31	<DL	11800	<DL	0.157	63.5	<DL	29.1	3.82	130
0.486	10700	1190	<DL	10100	7.92	17.3	6.68	2880	150	4.88	0.08	5.68	<DL	0.077	17.5	<DL	5.5	<DL	56.5	3.22	1.22	0.702	12600	<DL	0.182	59	1.31	26.8	3.51	143
0.577	8610	1760	<DL	14700	7.3	19.1	6.25	2970	9.24	6.26	0.076	9.96	0.031	<DL	23.5	<DL	6.13	1.24	95.4	<DL	1.38	<DL	13100	0.069	0.163	51.3	0.886	33	4.12	162
0.654	8350	1820	<DL	16500	7.81	20.4	6.47	2970	7.38	7.11	0.092	9.91	0.033	<DL	27.4	<DL	6.64	1.62	106	<DL	1.46	<DL	14000	0.062	0.163	56.3	0.956	37.1	4.47	175
0.667	8320	1680	3.08	23300	7.08	19.4	5.71	3110	17.1	7.76	0.088	3.15	0.039	0.085	27.3	<DL	6.2	0.963	114	<DL	1.46	<DL	12900	<DL	0.145	54.8	1.16	40.3	4.63	153
0.297	8290	1330	<DL	7800	14.8	32.1	43.2	914	14.2	5.02	<DL	62.2	0.05	0.938	13	<DL	6.26	2.59	120	<DL	0.976	8.73	4890	0.455	2.59	115	1.72	21.1	2.18	124
0.177	10900	1330	3.43	9830	18.6	17.2	114	1820	10.5	4.59	0.086	25.2	0.072	0.889	9.56	<DL	3.97	2.65	191	<DL	0.66	3.64	7330	0.274	1.53	132	1.96	12.3	1.36	134
0.616	7630	1700	<DL	22600	7.12	18.9	6.22	2980	2.87	7.14	0.056	3.48	0.042	0.073	29.5	<DL	6.03	1.22	111	<DL	1.4	<DL	13700	<DL	0.164	72.5	1.08	36.8	4.32	154
0.478	12200	1710	<DL	16400	5.4	13	7.83	2000	2.61	5.95	0.06	9.33	0.033	<DL	36.5	<DL	4.25	0.746	104	<DL	1.03	<DL	19500	<DL	0.091	175	<DL	27.7	3.32	155
0.478	18900	1590	<DL	17900	4.6	10.6	9.85	1600	3.41	6.13	0.054	13.5	0.032	0.093	45.7	0.989	3.6	0.938	109	<DL	0.858	<DL	23300	0.061	0.076	276	<DL	28.4	3.22	149
0.344	15300	1490	<DL	15000	4.34	10.5	9.25	1460	7.21	4.06	<DL	7.17	0.03	0.097	34.7	<DL	3.58	<DL	75.1	<DL	0.803	<DL	22500	<DL	0.087	308	<DL	19.2	2.41	161
0.325	12900	1620	<DL	13300	3.84	10.1	8.42	1350	25.4	3.69	<DL	7.9	<DL	0.077	32.3	<DL	3.4	<DL	64.8	<DL	0.738	<DL	20900	<DL	0.067	307	<DL	17.3	2.24	161
0.361	12900	1700	<DL	11200	4.37	10.1	6.45	1550	5.89	3.8	<DL	6.03	<DL	<DL	34.2	1.08	3.37	1.85	64.1	<DL	0.776	<DL	21500	<DL	0.089	260	0.88	19	2.55	163
0.417	13500	1770	<DL	12100	5.04	13.2	6.74	1780	3.57	4.89	0.051	7.87	<DL	0.087	34.5	1.04	4.11	5.91	81.7	<DL	0.937	<DL	20700	<DL	0.172	200	0.828	23.3	2.81	238
0.361	17000	1720	<DL	10900	4.38	11.8	11.2	1540	15.6	4.26	0.055	6.09	<DL	<DL	32.4	1.47	3.71	1.45	61.6	<DL	0.806	<DL	22400	<DL	0.089	266	<DL	20.4	2.48	247
0.356	17100	1680	<DL	11900	3.53	8.58	6.82	1270	8.68	4.2	<DL	9.33	<DL	0.076	41.7	<DL	2.98	<DL	80.2	<DL	0.702	<DL	21900	<DL	<DL	328	<DL	19.7	2.5	172
0.267	11400	1570	<DL	14800	3.13	8.09	6.5	1230	15.3	3.5	<DL	6.73	<DL	<DL	32.1	0.747	2.67	<DL	87.3	<DL	0.586	<DL	17400	<DL	<DL	413	<DL	14.3	1.88	172
0.259	12700	1770	<DL	16000	2.91	7.64	10.3	1130	6.04	3.75	<DL	10.7	0.041	0.078	31.3	<DL	2.46	<DL	111	<DL	0.566	<DL	15900	<DL	<DL	460	<DL	13.4	1.78	135
0.261	15000	1900	<DL	12800	2.83	7.2	8.3	1070	5.77	3.46	<DL	11.4	0.031	0.09	32.5	<DL	2.46	<DL	86.8	<DL	0.536	<DL	16200	<DL	<DL	534	<DL	13.6	1.79	145
0.243	12600	1900	<DL	12000	2.87	7.36	9.36	1110	10.6	3.35	<DL	10.8	<DL	<DL	31.2	<DL	2.54	<DL	89.7	<DL	0.563	<DL	16100	<DL	<DL	590	<DL	13.1	1.77	146
0.228	11900	1670	<DL	12900	2.74	7.16	9.63	1070	10.3	3.36	<DL	8.79	<DL	0.089	31.3	<DL	2.37	<DL	89.9	<DL	0.543	<DL	16000	<DL	<DL	577	<DL	12.8	1.62	139
0.198	11700	1370	<DL	10000	2.55	6.77	14.3	1010	131	2.39	<DL	3.55	<DL	<DL	22.2	<DL	2.38	<DL	43.5	<DL	0.513	<DL	13900	<DL	0.071	528	<DL	10.8	1.47	153
0.216	19100	1360	<DL	15500	4.24	31.7	50	2660	13.5	7.17	0.06	2.57	0.133	0.103	23.5	<DL	6.89	0.793	291	<DL	0.899	1.55	10300	<DL	0.657	374	1.2	14.5	1.53	127
0.232	14000	1500	5.48	23500	2.8	7.68	25	1120	5.05	3.26	<DL	5.35	<DL	<DL	29.8	<DL	2.35	<DL	82.8	<DL	0.53	<DL	14500	<DL	0.084	547	6.33	13.2	1.65	124
0.205	10300	1360	<DL	13500	2.75	6.64	22.6	1030	2.55	2.64	<DL	5.19	<DL	<DL	26.9	<DL	2.22	<DL	64.1	<DL	0.487	<DL	15200	<DL	<DL	625	1.38	11	1.51	132
0.195	11600	1350	<DL	12800	2.55	6.6	21.5	999	2.49	2.72	<DL	4.71	<DL	<DL	28.7	<DL	2.14	<DL	66.1	<DL	0.488	<DL	15100	<DL	<DL	634	<DL	11.3	1.47	135
0.201	11600	1420	<DL	14100	2.73	6.9	22.7	1060	4.79	3.19	<DL	8.61	<DL	0.074	29.2	<DL	2.28	<DL	95.1	<DL	0.484	<DL	15600	<DL	<DL	654	<DL	11.2	1.46	139

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.358	10700	1290	<DL	15900	4.07	11.6	37.5	1220	1.31	3.31	0.06	2.78	<DL	0.091	30.4	0.8	3.65	<DL	51.7	<DL	0.817	<DL	14200	<DL	0.08	431	<DL	18.9	2.54	106	
0.347	10700	1310	<DL	16100	4.14	11.5	38.2	1230	1.28	3.47	0.075	2.77	<DL	0.091	30.9	0.727	3.78	<DL	52.3	<DL	0.821	<DL	14500	<DL	0.088	438	<DL	19.2	2.54	108	
0.513	7990	1300	<DL	11700	7.16	19.1	4.15	2240	2.																						

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2280	3.14							16900			191000				14200						
		CRM PTM-1a #2		2300	3.4							17000			195000				14000						
		CRM PTM-1a #3		2280	2.35							17400			201000				15700						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	41600	2.47		342	0.406	2.25	22000	3.59	33.6	543	280	0.212	8810	1.43	0.76	1.32	235000	15.7	3.09		6610	15.7	
		CRM SU-1b #2	38900	3.13		339	0.333	2.01	20900	3.52	33.9	547	296	0.213	9080	1.42	0.751	1.32	234000	16.3	3.18		6490	15.6	
		CRM SU-1b #3	44300	3.5		361	0.562	2.2	22700	3.6	29.3	559	291	0.246	9390	1.29	0.677	1.22	266000	17.6	3		7350	15.8	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	48000	18.4		113		33	20700	10.2		146	182	0.266	1940				199000	41.9		1.73	5150	6.96	10.7
		CRM RTS-3a #2	41900	18.8		107		31	18000	9.69		140	174	0.196	1900				189000	39.6		1.64	4660	7.07	9.03
		CRM RTS-3a #3	52200	18		116		31.9	21500	10.7		147	185	0.247	2000				222000	43.2		1.75	5380	6.47	13.9
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	50900	20.5		588	0.995		14200	1.38	85.8	29	68.3	0.876	36.8	4.27		2.45	36000				17300	43	15.4
		CRM LKSD-3 #2	50100	20.7		594	0.955		13600	1.61	87.9	29	69.2	0.917	37.7	4.39		2.5	36200				17400	43	14.8
		CRM LKSD-3 #3	58400	21.3		606	1.56		15100	1.63	73.3	29.4	69.7	0.934	38.9	3.94		2.23	40500				19500	41	20.8

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		<b>Actual Spike Values:</b>		<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>			<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>	<b>10</b>
		Spike #1		9.05	10.1		8.17	9.71		9.93	10.2			9.84		9.94	9.86	9.95		9.57	9.94	9.8		9.86	8.34
		Spike #4		9.55	9.59		6.38	9.69		9.44	10.9			9.48		10.1	9.93	10.3		9.25	10.2	9.32		9.83	6.66
		Spike #7		9.17	11.3		9.92	9.7		9.83	9.62			9.74		9.71	9.57	9.69		9.76	9.73	9.69		9.74	9.86
		Spike #10		9.62	10.8		10.1	9.93		10	9.72			9.96		9.57	9.78	9.85		9.94	9.83	9.83		9.95	9.87
		<b>Actual Spike Values:</b>				<b>100</b>						<b>100</b>	<b>100</b>		<b>100</b>										
		Spike #2				117						117	116		116										
		Spike #5				109						112	113		112										
		Spike #8				102						101	102		101										
		Spike #11				86.3						85.4	86.3		85.8										
		<b>Actual Spike Values:</b>	<b>10000</b>						<b>10000</b>										<b>10000</b>				<b>10000</b>		
		Spike #3	9440						9630										9480				9540		
		Spike #6	9820						10100										10600				10300		
		Spike #9	10500						10300										10300				10500		
		Spike #12	11000						10700										10700				11000		





# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-026

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

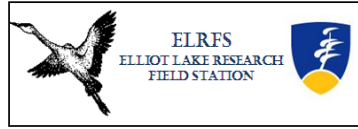
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1308 (38) & 14-1309 (35) & 14-1310 (22)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 38 + 35 + 22  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 23, 2015 / Troy Maki  
Submission Date: 2015 02 03

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02	
40873	A14-1308-001	GMI14-2017	36800	1.67	0.715	81.6	0.729	<DL	29800	0.612	12.2	47.7	97.7	0.109	98.1	3.88	2.26	1.29	118000	18.1	3.64	0.064	3990	4.72	18.1
40874	A14-1308-002	GMI14-2018	60000	12.3	0.511	1310	2.03	<DL	57600	0.909	74	20.3	383	3.4	25.7	3.75	2.26	3.63	51000	49.6	7.7	0.053	31200	37	31.1
40875	A14-1308-003	GMI14-2019	40600	2240	3.32	620	0.866	<DL	41200	1.11	28.2	31.1	141	1.51	170	4.02	2.19	2.45	136000	26.8	5.44	0.057	5040	18.1	5.08
40876	A14-1308-004	GMI14-2020	29700	1.59	<DL	32.5	0.76	<DL	12700	0.517	10.9	48.5	75.7	0.07	159	3.8	1.88	1.36	115000	17.8	3.88	<DL	2270	4.29	45.2
40877	A14-1308-005	GMI14-2021	36000	1.41	<DL	60.7	0.45	<DL	36500	0.672	12.5	52.3	79.5	0.089	130	3.99	2.33	1.4	131000	18.7	3.82	0.076	3640	4.86	16.7
40878	A14-1308-006	GMI14-2022	35700	1.36	<DL	71.4	0.412	<DL	35900	0.635	13.2	47.9	73.5	0.076	125	4.11	2.38	1.43	123000	18.2	3.91	0.074	4280	5.32	17.1
40879	A14-1308-007	GMI14-2023	35700	1.33	<DL	76.3	0.417	<DL	46900	0.622	11.3	49.8	69.8	0.114	140	3.94	2.39	1.33	120000	17.5	3.76	0.066	4750	4.48	11.6
40880	A14-1308-008	GMI14-2024	38800	1.05	<DL	142	0.389	<DL	45900	0.603	11.8	50.9	80.9	0.116	121	4.22	2.46	1.57	131000	20.9	3.89	0.064	4400	4.32	11.3
40881	A14-1308-009	GMI14-2025	40000	1.34	<DL	130	0.38	<DL	40600	0.612	11.6	51.5	77.5	0.096	114	4.16	2.45	1.54	131000	20.3	3.88	0.069	4450	4.41	13.7
40882	A14-1308-010	GMI14-2026	41400	1.5	<DL	149	0.408	<DL	41100	0.783	11.9	50.3	81.2	0.091	124	4.22	2.54	1.6	131000	21.3	3.9	0.069	4690	4.35	11.7
40883	A14-1308-011	GMI14-2027	36500	0.951	<DL	54.4	0.358	<DL	34100	0.618	11	51.7	70.5	0.062	125	3.98	2.26	1.34	125000	18	3.67	0.063	2040	4.03	9.86
40884	A14-1308-012	GMI14-2028	39300	1.38	<DL	60.9	0.396	<DL	30700	0.642	11.8	49.5	73.8	0.044	102	3.94	2.2	1.39	126000	19.6	3.91	0.068	2510	4.33	10.5
40885	A14-1308-013	GMI14-2029	40100	1.78	<DL	99.1	0.373	<DL	18800	0.545	11.4	48.9	78.8	<DL	106	3.82	2.06	1.4	128000	20.4	3.81	0.063	3010	4.1	18
40886	A14-1308-014	GMI14-2030	37900	1.64	<DL	69.7	0.528	<DL	16700	0.668	11.3	50.6	92.9	0.061	108	3.79	2.14	1.37	131000	19.4	3.68	0.071	1960	4.05	15
40887	A14-1308-015	GMI14-2031	41100	1.83	<DL	69.8	0.691	<DL	18100	0.881	20.7	51	80.4	0.075	100	4.15	2.37	1.69	129000	18.2	4.4	0.066	1890	7.44	21.6
40888	A14-1308-016	GMI14-2032	43600	1.92	<DL	55.7	0.719	<DL	29200	0.849	34.2	40.8	75.9	0.124	72.5	4.17	2.54	1.67	135000	16.5	5.28	<DL	1950	15.2	15.2
40889	A14-1308-017	GMI14-2033	27100	1.14	<DL	27.5	0.544	<DL	27400	0.845	31.9	37.8	251	0.109	71.1	4.05	2.3	1.78	113000	15.8	5.42	<DL	4460	12.6	22.2
40890	A14-1308-018	GMI14-2034	22900	1.06	<DL	19.2	0.586	<DL	77400	0.814	32.5	27.3	64.5	0.413	54.5	5.83	3.66	1.94	82100	12	6.32	0.059	5260	13.6	26.3
40891	A14-1308-019	GMI14-2035	31600	1.55	<DL	28.8	0.754	<DL	18400	0.956	16.9	37.3	20.7	0.04	107	4.83	2.88	1.47	117000	17.5	4.7	0.077	5950	7.04	15.2
40892	A14-1308-020	GMI14-2036	30700	1.32	<DL	25.6	0.523	<DL	22000	0.819	16.1	42.2	17.8	0.043	68.2	4.47	2.67	1.45	121000	16.7	4.28	0.086	5710	6.67	18.7
40893	A14-1308-021	GMI14-2037	35200	1.72	<DL	20.7	0.397	<DL	30100	0.776	15.8	45.2	21.6	<DL	66.1	4.6	2.67	1.45	127000	17.2	4.42	0.07	5990	6.09	21
40894	A14-1308-022	GMI14-2038	35200	1.32	<DL	17.8	0.386	<DL	40600	0.719	12.3	46.2	9.71	<DL	67.7	4.37	2.63	1.35	128000	17.4	4.2	0.072	1890	4.48	17.4
40895	A14-1308-023	GMI14-2039	39500	1.74	<DL	22.9	0.493	<DL	41400	0.922	14.4	42.4	8.83	<DL	67.5	5.21	3.1	1.66	132000	18.5	4.9	0.088	884	4.99	16.6
40896	A14-1308-024	GMI14-2040	41100	1.89	<DL	89.9	0.466	<DL	30900	0.868	14	46.7	15.1	0.046	66.4	4.96	2.99	1.69	137000	20.5	4.69	0.089	3580	4.98	17.8
40897	A14-1308-025	GMI14-2041	40200	1.58	<DL	92	0.417	<DL	41600	0.856	12.6	47.6	11.3	0.049	64.9	4.61	2.68	1.6	129000	19.5	4.22	0.073	4200	4.67	13.1
40898	A14-1308-026	GMI14-2042	36600	1.21	<DL	96.1	0.392	<DL	42900	0.858	12.1	45.8	18.5	0.072	67.4	4.33	2.54	1.49	124000	19.1	3.93	0.07	4390	4.5	9.58
40899	A14-1308-027	GMI14-2043	61300	12.5	<DL	1210	1.91	<DL	35900	1.05	68.2	21.2	121	1.87	28.1	3.96	2.3	3.65	53400	50.4	7.58	0.064	29700	32.5	24.6
40900	A14-1308-028	GMI14-2044	47600	482	1.19	474	1.34	<DL	28600	1.55	33.5	33.2	178	0.743	87.3	3.3	1.8	2.17	80400	29.1	4.96	0.057	14600	17	9.32
40901	A14-1308-029	GMI14-2045	34800	1.69	<DL	71.5	0.484	<DL	40600	0.77	14.2	43.4	18.7	0.059	87.3	4.47	2.66	1.62	119000	18.2	4.42	0.065	4610	5.78	11.3
40902	A14-1308-030	GMI14-2046	36500	1.37	<DL	64.3	0.376	<DL	43200	0.755	11.9	48.7	11.2	0.042	110	4.33	2.49	1.43	128000	18.7	4	0.069	3060	4.33	10.4
40903	A14-1308-031	GMI14-2047	34200	1.42	<DL	63.9	0.336	<DL	46400	0.648	11.6	48.3	8.66	<DL	141	3.93	2.36	1.39	129000	18.2	3.65	0.064	3540	4.42	12.3
40904	A14-1308-032	GMI14-2048	35200	1.08	<DL	83	0.367	<DL	40900	0.657	10.4	48.3	10.3	<DL	163	3.57	2.07	1.34	126000	19	3.37	0.077	3240	3.68	6.9
40905	A14-1308-033	GMI14-2049	35000	1.33	<DL	105	0.378	<DL	35500	0.666	10.2	47.6	26.1	<DL	152	3.62	2.1	1.41	122000	19.4	3.48	0.064	4300	3.58	8.5
40906	A14-1308-034	GMI14-2050	33800	1.58	<DL	62.9	0.366	<DL	41900	0.633	9.89	49.7	31.4	0.043	266	3.57	2.07	1.22	122000	17.2	3.32	0.068	2730	3.57	8.15
40907	A14-1308-035	GMI14-2051	39900	1.54	<DL	65.9	0.371	<DL	49500	0.712	9.8	47.6	96.6	0.058	154	3.65	2.15	1.24	118000	17.7	3.35	0.064	4020	3.53	6.16

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06
0.264	14600	1180	<DL	7430	5.73	9.87	64.1	1330	1.69	2.98	0.058	3.95	<DL	0.077	21.1	1.38	3.19	0.918	53.4	6.01	0.647	<DL	13200	0.077	0.109	408	1.67	14.8	1.88	131
0.241	12100	1350	6.3	7510	17.1	33.2	54	752	12.6	4.82	0.068	89.1	0.064	1.06	11.4	0.776	6.11	2.93	160	3.35	0.859	7.38	4140	0.492	2.88	104	2.73	16	1.72	125
0.239	14500	4090	3.77	8840	15.2	19.2	105	3280	8.07	5.39	0.062	8.03	0.075	2.27	10.1	3.06	4.55	1.46	186	2.2	0.793	3.38	5500	0.104	1.54	140	2.4	16.8	1.71	156
0.168	19100	1010	<DL	2610	4.33	9.86	63	1430	1.03	1.89	<DL	0.501	<DL	0.07	16	0.622	3.57	0.759	18.9	<DL	0.705	<DL	14600	<DL	0.137	431	0.986	10.7	1.38	154
0.268	15400	1330	<DL	5830	4.31	10.4	67.2	1460	1.5	3.3	<DL	2.4	<DL	0.081	22.7	1.15	3.26	0.724	67.8	<DL	0.68	<DL	14400	<DL	0.068	443	<DL	14.6	1.99	134
0.29	18400	1240	<DL	6620	4.08	10.6	62.9	1400	1.45	3.43	0.057	2.74	<DL	0.085	22.7	0.868	3.27	<DL	56.7	<DL	0.684	<DL	13700	<DL	0.075	423	<DL	16.8	2	122
0.289	17700	1230	<DL	9930	3.91	9.52	62.9	1340	1.76	3.54	<DL	2.93	<DL	0.086	22.3	1.16	3.12	<DL	68.2	<DL	0.686	<DL	13400	<DL	0.086	409	<DL	16.1	2.11	113
0.309	14600	1370	<DL	8380	4.35	10.3	68	1490	1.9	3.9	<DL	3.41	0.034	0.094	24.6	<DL	3.37	<DL	85.8	<DL	0.723	<DL	14700	<DL	0.072	454	<DL	15.8	2.13	134
0.28	16500	1340	<DL	7870	4.16	10.2	66.6	1430	2.16	3.64	0.051	3.62	<DL	0.088	25.7	0.67	3.29	<DL	73.6	<DL	0.695	<DL	14400	<DL	<DL	448	<DL	15.6	2.06	131
0.297	15700	1330	<DL	8950	4.26	10.1	65.3	1440	1.62	3.83	0.058	4.38	0.035	0.101	26.3	0.762	3.31	<DL	81.5	<DL	0.746	<DL	14400	<DL	0.069	450	<DL	16.5	2.17	148
0.262	12700	1220	<DL	13100	4.2	9.66	62.5	1420	1.42	2.95	0.053	1.65	<DL	0.094	21.9	<DL	3.14	<DL	53.8	<DL	0.643	<DL	14200	<DL	<DL	438	<DL	13.6	1.86	116
0.25	9780	1270	<DL	13000	4.42	10.2	61.9	1490	1.43	2.76	<DL	3.14	<DL	0.085	23.5	1.23	3.29	<DL	49.1	<DL	0.669	<DL	15100	<DL	0.064	469	<DL	13.2	1.82	116
0.225	10600	1210	<DL	8470	4.29	9.86	63.6	1480	1.85	2.59	0.051	2.41	<DL	0.091	21.8	<DL	3.26	<DL	44.8	<DL	0.668	<DL	14500	<DL	0.061	460	<DL	12.8	1.75	117
0.242	10300	916	<DL	13400	4.41	9.81	63.6	1540	2.18	2.8	<DL	1.8	<DL	0.134	20.2	<DL	3.21	<DL	53.7	<DL	0.647	<DL	14800	<DL	0.062	469	1.59	12.8	1.79	111
0.268	9780	810	<DL	20700	7.3	13.8	64.3	1580	3.2	3.51	0.053	1.51	0.032	0.104	20.3	<DL	3.71	<DL	86.3	<DL	0.731	<DL	14700	<DL	0.276	442	2.59	14	1.93	113
0.293	10300	717	4.01	25300	8.13	17.9	60.1	1680	3.02	3.9	0.065	1.39	0.043	0.092	22.6	<DL	4.07	<DL	102	<DL	0.774	<DL	15000	<DL	0.393	470	3.85	15.9	2.06	103
0.245	25500	747	<DL	9940	14.9	20.5	96.7	2070	2.73	3.15	0.061	0.85	<DL	0.115	15.9	<DL	4.64	<DL	48.1	<DL	0.806	1.81	11300	<DL	0.714	346	4.19	15.1	1.85	134
0.504	56500	972	3.2	4470	12.4	20.8	37.8	1930	1.65	5.79	0.068	2.38	<DL	0.091	17.3	<DL	5.13	0.812	46.8	<DL	1.02	1.19	7880	<DL	0.313	213	1.84	29.6	3.48	108
0.377	15100	671	<DL	10600	5.53	13	4.43	1870	2.02	3.7	0.06	1.2	<DL	0.079	16.5	2.44	3.93	<DL	34.1	<DL	0.848	<DL	14800	<DL	0.121	294	2.33	20.1	2.58	124
0.331	17400	748	<DL	8360	5.02	12.4	6.12	1660	1.43	3.37	0.053	0.92	<DL	0.088	18.5	0.968	3.62	0.971	29.4	<DL	0.744	<DL	14500	<DL	0.14	350	1.75	17.6	2.28	132
0.34	14300	950	<DL	6610	4.86	12.5	11.5	1580	1.09	3.27	0.052	0.865	<DL	0.076	21.6	0.751	3.71	<DL	26.4	<DL	0.774	<DL	14900	<DL	0.083	414	0.982	18.2	2.28	123
0.301	10400	1080	<DL	8210	4.42	10.4	19.8	1550	1.13	3.04	0.061	0.628	<DL	0.082	22.3	1.23	3.47	0.778	34.4	<DL	0.753	<DL	15100	<DL	0.065	430	0.99	15.4	2.2	124
0.382	9590	1100	<DL	11000	5.54	12.6	9.3	1890	1.46	3.67	0.063	0.837	<DL	0.088	23.8	<DL	4.17	0.726	41.3	<DL	0.912	<DL	16600	<DL	0.091	372	1.17	19.4	2.71	134
0.356	10400	1190	<DL	9140	5.07	12.1	8.12	1780	1.48	3.64	0.066	3.63	<DL	0.086	25.6	1.25	3.93	<DL	39.8	<DL	0.844	<DL	16400	<DL	0.094	424	0.844	18.5	2.62	137
0.343	11500	1380	<DL	10100	4.4	10.7	16.3	1540	1.22	3.81	0.079	5.52	<DL	0.08	28.9	<DL	3.44	<DL	60.7	<DL	0.764	<DL	14900	<DL	<DL	450	<DL	17.6	2.44	127
0.301	10100	1320	<DL	10800	5.45	10.4	25.6	1530	1.54	3.65	0.068	6.79	<DL	0.09	25.3	<DL	3.27	<DL	67.7	<DL	0.704	<DL	14500	<DL	0.069	435	1.05	15.4	2.15	120
0.238	7770	814	<DL	7020	17.3	30.7	48.2	877	12.5	4.33	0.058	59.1	0.054	1.02	10.1	<DL	5.95	2.84	116	<DL	0.872	7.96	4820	0.455	2.87	137	2.37	15.3	1.82	132
0.185	9300	1300	3.94	9590	20.8	17.7	116	1850	11	4.87	0.103	26.1	0.094	0.964	9.23	0.714	4.14	3.08	184	2.09	0.682	3.49	7120	0.268	1.55	127	2.28	11.9	1.32	131
0.32	12100	1220	<DL	10900	4.92	12	34.1	1540	1.61	3.57	0.056	4.65	<DL	0.089	23.6	1.23	3.74	0.729	45.6	<DL	0.786	<DL	15600	<DL	0.084	452	1.05	17.2	2.27	117
0.292	10400	1410	<DL	11400	4.28	10.2	44.3	1480	1.54	3.37	0.056	4.32	<DL	0.08	25.7	<DL	3.29	<DL	51	<DL	0.739	<DL	14800	<DL	0.066	490	<DL	15.4	2.09	123
0.286	11000	1250	<DL	9960	4.02	9.65	53.4	1370	1.53	3.23	0.053	4.05	<DL	0.085	24.9	<DL	3.18	0.779	52.1	<DL	0.652	<DL	14700	<DL	<DL	521	<DL	14.4	2	129
0.24	9810	1150	<DL	14800	3.73	8.71	60.9	1260	2.07	3.29	<DL	4.79	<DL	<DL	24	<DL	2.84	<DL	74.9	<DL	0.609	<DL	14000	<DL	<DL	521	<DL	12.3	1.83	126
0.25	9140	1070	<DL	13100	3.81	8.72	65	1300	2.47	2.92	0.057	6.67	<DL	0.076	22.1	<DL	2.88	<DL	57.4	<DL	0.626	<DL	13800	<DL	<DL	502	<DL	12.3	1.76	124
0.24	9760	1050	<DL	14200	3.61	8.46	74.5	1220	1.91	2.93	<DL	4.55	<DL	0.073	23.3	<DL	2.69	<DL	54.7	<DL	0.588	<DL	13700	<DL	<DL	524	1.28	12.3	1.69	119
0.265	12200	1150	<DL	17200	3.59	8.45	80.4	1220	1.9	4.26	0.059	8.63	0.05	0.097	25.9	<DL	2.84	<DL	118	<DL	0.607	<DL	13100	<DL	<DL	492	1.8	14	1.84	110

40908	A14-1308-036	GMI14-2052	28600	1.42	<DL	27.1	0.456	<DL	36900	0.565	9.5	47	98.1	<DL	113	3.24	1.93	1.04	107000	14.7	3.13	0.054	2040	3.63	11.8
40909	A14-1308-037	GMI14-2053	29500	1.16	<DL	19.5	0.537	<DL	12400	0.714	11.4	46.5	115	<DL	955	2.94	1.61	0.891	108000	16.4	3.01	<DL	1280	4.44	41.3
40910	A14-1308-038	GMI14-2054	27500	0.9	<DL	21.7	0.669	<DL	14700	0.733	11.4	46.9	115	<DL	348	2.94	1.62	0.957	107000	15.6	3.2	0.064	1600	4.55	40.4
40911	A14-1309-001	GMI14-2055	33300	1.58	<DL	59.4	0.418	<DL	35000	0.659	9.51	50	153	0.047	118	3.4	1.97	1.1	116000	16.6	3.14	0.055	3150	3.43	15.2
40912	A14-1309-002	GMI14-2056	31200	1.97	<DL	58.2	0.393	<DL	43100	0.628	12.7	57.3	167	<DL	133	3.36	2.01	1.3	121000	16.8	3.49	0.067	3650	5.09	10.1
40913	A14-1309-003	GMI14-2057	34500	1.29	<DL	55.5	0.282	<DL	40100	0.854	9.61	58.8	192	<DL	126	3.38	1.97	1.16	124000	16.2	3.27	<DL	3280	3.46	11.5
40914	A14-1309-004	GMI14-2058	33800	1.2	<DL	53.7	0.286	<DL	38300	0.759	9.54	57.6	159	0.054	136	3.51	2.02	1.18	127000	16.3	3.18	0.065	3280	3.46	11.8
40915	A14-1309-005	GMI14-2059	35600	1.43	<DL	39.2	0.313	<DL	42300	0.982	9.87	57.9	195	0.054	123	3.65	2.17	1.2	127000	16.3	3.37	0.068	2930	3.55	12.6
40916	A14-1309-006	GMI14-2060	40100	1.47	<DL	51.6	0.324	<DL	43600	1.11	10.4	58.9	180	0.068	116	3.91	2.43	1.29	131000	17.1	3.61	0.064	3150	3.67	12.8
40917	A14-1309-007	GMI14-2061	37100	1.19	<DL	54.8	0.307	<DL	41700	0.912	10.5	58.4	196	0.045	129	3.83	2.2	1.27	132000	17.8	3.46	0.061	3200	3.76	12.2
40918	A14-1309-008	GMI14-2062	40700	1.3	<DL	74.1	0.298	<DL	47400	0.804	10.5	59.9	206	0.08	112	4.03	2.42	1.34	129000	17.6	3.53	0.072	3510	3.84	11.9
40919	A14-1309-009	GMI14-2063	42400	1.04	<DL	45.4	0.234	<DL	66600	1.57	9.01	56.9	228	0.1	138	3.58	2.27	1.09	115000	15.6	3.07	<DL	2390	3.39	15
40920	A14-1309-010	GMI14-2064	40700	1.29	<DL	58.4	0.32	<DL	43300	1.66	10.1	60.8	217	0.067	112	3.85	2.37	1.31	131000	17.4	3.49	0.067	3670	3.62	10.2
40921	A14-1309-011	GMI14-2065	41400	1.33	<DL	52.4	0.38	<DL	44900	1.01	10.4	63.5	224	0.071	112	3.84	2.41	1.3	137000	17.4	3.49	0.059	3250	3.75	12.3
40922	A14-1309-012	GMI14-2066	43700	1.1	<DL	56.4	0.311	<DL	44500	0.996	10.2	60.3	228	0.106	121	4.01	2.51	1.18	132000	17.7	3.57	0.06	3830	3.61	15.4
40923	A14-1309-013	GMI14-2067	23600	1.18	0.926	34.9	0.452	<DL	32300	0.967	8.92	59.2	222	0.088	132	2.81	1.62	1.02	120000	15.6	2.72	0.06	2270	3.24	10.8
40924	A14-1309-014	GMI14-2068	55600	12.9	0.521	1230	2.54	<DL	25600	0.951	63.3	20.7	1130	1.67	33	3.21	1.82	3.53	58000	51.4	6.28	0.052	31500	31.2	30.4
40925	A14-1309-015	GMI14-2069	32800	2200	3.14	599	0.982	<DL	34500	1.25	26.9	29.7	135	1.1	165	3.28	1.78	2.39	129000	27	4.8	0.055	4770	17.9	4.99
40926	A14-1309-016	GMI14-2070	26300	1.47	<DL	33.6	0.438	<DL	39300	0.841	9.13	57.7	211	0.068	84.2	2.89	1.76	1.03	123000	15	2.69	<DL	1710	3.46	11.4
40927	A14-1309-017	GMI14-2071	25100	1.21	<DL	48.6	0.383	<DL	35800	0.764	8.63	60.7	223	0.062	102	2.74	1.61	1.07	126000	15.6	2.56	0.056	2630	3.21	9.3
40928	A14-1309-018	GMI14-2072	29000	1.23	<DL	24.4	0.374	<DL	50200	0.781	9.5	53.1	214	0.047	99.2	2.92	1.63	1.07	111000	15.2	2.78	0.051	1230	3.64	7.97
40929	A14-1309-019	GMI14-2073	30900	1.23	<DL	25	0.332	<DL	49700	0.817	9.09	55.2	219	0.041	109	2.87	1.69	1	119000	15.8	2.58	0.057	1290	3.45	9.76
40930	A14-1309-020	GMI14-2074	32900	1.4	<DL	73.7	0.429	<DL	40600	0.934	10.3	55	186	0.082	112	3.23	1.88	1.24	126000	18.4	2.96	0.062	4310	3.85	10.5
40931	A14-1309-021	GMI14-2075	30000	1.25	<DL	31.7	0.387	<DL	40800	0.686	11.4	51.9	230	0.044	100	2.76	1.6	1.05	116000	15.9	2.83	0.059	2070	4.93	9.63
40932	A14-1309-022	GMI14-2076	32300	1.2	<DL	40	0.498	<DL	44000	0.715	12.9	51.8	139	0.042	171	3.37	1.92	1.23	126000	17.1	3.32	0.09	2400	5.25	8.06
40933	A14-1309-023	GMI14-2077	31800	1.05	<DL	66.9	0.478	<DL	43100	0.817	10.4	50.4	124	0.056	108	3.27	1.91	1.24	124000	18.7	3	0.07	3260	3.79	6.9
40934	A14-1309-024	GMI14-2078	34400	1.06	<DL	81.3	0.492	<DL	43100	0.797	12.4	49.5	130	0.067	113	3.32	1.99	1.28	118000	19.5	3.27	0.06	3690	5	9.54
40935	A14-1309-025	GMI14-2079	29300	1.62	<DL	80	0.524	<DL	30400	0.83	11.6	46.9	125	0.04	112	3.05	1.79	1.29	96100	19.1	3.13	0.078	3200	4.52	7.74
40936	A14-1309-026	GMI14-2080	33500	1.32	<DL	65.2	0.551	<DL	44300	0.611	10.4	47.7	141	0.049	100	3.19	1.82	1.17	99300	19.2	3.04	0.075	1690	4.12	11.7
40937	A14-1309-027	GMI14-2081	37600	0.691	<DL	32.7	0.365	<DL	44500	0.568	10.3	49	145	0.054	101	3.25	1.96	1.13	97200	18.2	3.07	0.065	637	3.85	9.34
40938	A14-1309-028	GMI14-2082	31800	2.38	<DL	18.8	0.423	<DL	47400	0.567	10.9	57.3	116	0.058	114	3.1	1.77	1.17	112000	18.5	3.03	0.069	405	4.19	8.19
40939	A14-1309-029	GMI14-2083	35300	2.41	<DL	34.2	0.531	<DL	42800	0.561	11.2	54.2	120	0.054	96.5	3.3	1.88	1.2	106000	18.2	3.09	0.071	1160	4.32	7.68
40940	A14-1309-030	GMI14-2084	38100	2.26	<DL	95.1	0.494	<DL	52100	0.651	10.8	50.8	102	0.088	122	3.58	2.15	1.33	98900	19.1	3.19	0.057	2730	4.1	8.65
40941	A14-1309-031	GMI14-2085	36600	1.17	<DL	79.6	0.493	<DL	44900	0.641	11.4	50.5	109	0.107	126	3.43	2.07	1.37	102000	19.8	3.26	0.077	3180	4.38	10.4
40942	A14-1309-032	GMI14-2086	37300	1.17	<DL	68.7	0.442	<DL	49400	0.659	10.9	48.3	88.4	0.106	122	3.73	2.09	1.31	108000	18.8	3.21	0.079	3150	4.29	8.48
40943	A14-1309-033	GMI14-2087	33800	1.09	<DL	56	0.461	<DL	50900	0.571	10.8	48.8	100	0.08	113	3.45	1.97	1.24	115000	18.5	3.02	0.061	2480	4.11	6.79
40944	A14-1309-034	GMI14-2088	29600	1.49	<DL	49.5	0.493	<DL	40100	0.658	10.5	48.7	103	0.07	107	3.24	1.84	1.18	118000	17.4	3.06	0.079	1930	3.9	4.8
40945	A14-1309-035	GMI14-2089	31100	1.15	<DL	66.1	0.408	<DL	43100	0.779	10.6	50.5	88.5	0.063	118	3.29	1.86	1.23	124000	18.8	3.1	0.067	2410	4	8.71
40982	A14-1310-001	GMI14-2090	32100	1.14	<DL	37.8	0.709	0.735	37700	1.38	19.1	55.5	82.5	0.045	80.3	5.04	2.97	1.52	100000	21.1	4.59	<DL	1590	7.86	1.48
40983	A14-1310-002	GMI14-2091	37200	1.52	<DL	70.6	0.756	<DL	25900	1.61	18.9	15.4	66.2	0.064	45.4	5.02	2.91	1.7	105000	21.8	4.84	0.066	2490	6.99	1.75
40984	A14-1310-003	GMI14-2092	34800	1.66	0.521	57.1	0.921	0.601	37100	1.48	18.3	73	67.1	0.09	84.3	4.88	2.85	1.57	112000	21.5	4.72	0.055	2010	7.04	2.89
40985	A14-1310-004	GMI14-2093	36800	1.88	<DL	69.7	0.848	<DL	28600	1.5	20.8	21.1	57.8	0.094	59.7	5.45	3.08	1.76	110000	22.2	5.23	0.077	2730	8.22	1.67
40986	A14-1310-005	GMI14-2094	38100	2.36	<DL	44.6	0.651	0.956	52900	1.66	16	57	99.5	0.077	68.3	4.38	2.74	1.39	114000	26.7	3.95	0.051	1120	6.59	2.94
40987	A14-1310-006	GMI14-2095	40100	2.12	<DL	25.8	0.614	0.882	36000	1.64	17.6	75.6	85.2	0.059	185	4.94	3.03	1.54	91000	22.4	4.51	<DL	1790	7	1.47
40988	A14-1310-007	GMI14-2096	34600	1.63	<DL	31.2	0.675	0.766	40800	1.76	22	52.1	75.3	0.057	93.7	4.32	2.52	1.42	102000	24.8	4.57	0.055	1350	10.2	2.06
40989	A14-1310-008	GMI14-2097	35100	1.62	<DL	33.3	0.643	0.582	45500	1.1	40.8	37	85.4	0.054	90.9	5.66	3.27	1.7	95000	24.6	6.66	0.071	1070	20.4	2.78
40990	A14-1310-009	GMI14-2098	32900	1.22	<DL	42.7	0.68	0.588	47500	0.901	26.2	22.7	138	0.085	64.7	4.23	2.87	1.47	88600	22.7	4.46	0.051	733	12.7	2.71
40991	A14-1310-010	GMI14-2099	35600	1.66	<DL	58.7	0.692	0.767	40600	1.46	76.2	79.7	72.1	0.069	131	7.94	4.35	2.44	96000	24.3	11.3	0.073	838	37.9	3.03
40992	A14-1310-011	GMI14-2100	33300	1.81	<DL	41.3	0.565	1.32	35100	1.46	11.5	60	150	0.055	120	4.1	2.59	1.08	85300	15.9					

0.233	12900	992	<DL	9570	3.64	8.2	71.9	1200	1.9	2.65	0.051	1.76	<DL	0.073	16	<DL	2.7	<DL	39.5	<DL	0.558	<DL	12100	<DL	<DL	404	1.74	12.4	1.65	124
0.155	17200	832	<DL	2490	3.72	8.34	76.8	1300	0.785	1.61	0.051	0.468	<DL	<DL	14.5	<DL	2.65	<DL	10.9	<DL	0.527	<DL	13100	<DL	0.088	418	<DL	8.56	1.24	162
0.158	17700	938	<DL	2910	3.67	8.79	79.6	1330	1.36	1.8	<DL	0.691	<DL	<DL	14.2	<DL	2.86	<DL	18.5	<DL	0.537	<DL	12900	<DL	0.081	414	<DL	9.12	1.22	160
0.246	16600	1110	<DL	6810	3.51	8.12	93.5	1250	99.8	3.46	0.052	3.43	<DL	0.382	22.3	<DL	2.69	1.99	65.6	<DL	0.575	<DL	12500	<DL	<DL	420	<DL	13.4	1.82	132
0.232	14200	1300	<DL	8260	3.54	9.74	111	1260	28.8	3.68	<DL	3	0.035	0.165	19.2	<DL	3.09	0.899	92.8	<DL	0.598	<DL	12100	<DL	<DL	403	<DL	12.4	1.6	136
0.244	16900	1210	<DL	6920	3.45	8.14	124	1250	21.7	3.35	<DL	4.13	<DL	0.174	20.5	<DL	2.75	0.955	72.1	<DL	0.588	<DL	12100	<DL	<DL	384	1.02	12.7	1.7	128
0.239	16400	1200	<DL	7130	3.58	8.32	111	1270	24.5	3.29	0.058	3.85	<DL	0.139	20.4	<DL	2.66	0.891	68.3	<DL	0.585	<DL	12500	<DL	<DL	418	<DL	12.6	1.73	145
0.263	19100	1390	<DL	8980	3.68	8.69	114	1310	48.6	3.47	0.069	3.67	<DL	0.093	22	<DL	2.79	<DL	62.2	<DL	0.607	<DL	12500	<DL	<DL	405	<DL	14.5	1.81	214
0.317	21400	1400	<DL	9450	3.76	8.91	116	1370	168	4.24	0.072	4.89	0.03	0.085	25.5	<DL	2.96	<DL	74.5	<DL	0.658	<DL	12900	<DL	<DL	421	<DL	17	2.08	188
0.272	17100	1350	<DL	6760	3.91	9.16	109	1400	12.1	3.62	0.066	3.62	<DL	0.076	22.2	<DL	2.92	1.06	72.1	<DL	0.632	<DL	13000	<DL	<DL	428	<DL	14	1.97	160
0.305	19500	1470	<DL	7960	3.77	8.95	132	1370	10.9	4.09	0.081	5.37	0.031	<DL	24.8	<DL	2.95	<DL	76.5	<DL	0.657	<DL	12700	<DL	<DL	412	<DL	16.5	2.09	155
0.291	24900	1320	<DL	8630	3.14	7.72	110	1130	53.3	4.21	<DL	4.52	<DL	0.075	25.5	<DL	2.47	<DL	70.7	<DL	0.58	<DL	10500	<DL	<DL	355	0.817	17.6	2.02	211
0.297	18800	1490	<DL	9680	3.72	8.85	125	1380	51.9	4.01	0.061	6.04	<DL	0.095	24.2	<DL	2.94	<DL	73.2	<DL	0.65	<DL	12700	<DL	<DL	411	<DL	16.1	2.08	216
0.3	22300	1540	<DL	9360	3.82	8.92	135	1410	173	4.35	0.06	5.19	<DL	<DL	26.2	<DL	2.89	<DL	79.4	<DL	0.656	<DL	13000	<DL	<DL	433	<DL	17	2.12	196
0.324	27200	1410	<DL	9490	3.75	8.71	126	1360	20.5	4.46	0.07	5.64	<DL	<DL	28	<DL	2.97	<DL	67.8	<DL	0.649	<DL	12600	<DL	<DL	413	<DL	18.8	2.26	177
0.194	8860	1310	<DL	5280	5.16	7.67	115	1130	13.2	2.5	0.071	1.79	<DL	<DL	11.8	<DL	2.43	<DL	46.9	5.99	0.504	<DL	11700	<DL	<DL	345	1.26	10.4	1.36	150
0.186	5640	925	12.6	5870	18.4	27.8	64.7	597	16.2	3.45	0.073	57.9	0.036	1.18	8.53	<DL	5.13	3.51	111	2.92	0.737	5.6	4300	0.47	3.05	81.6	2.69	10.9	1.28	134
0.185	9770	3920	3.66	7320	14.7	17.8	99.7	3140	7.53	4.33	0.089	7.46	0.069	2.25	7.44	<DL	3.91	1.31	164	2.01	0.736	2.62	5240	0.093	1.49	128	2.4	11.7	1.34	158
0.203	11600	1410	<DL	6330	3.63	7.8	121	1070	3.49	2.56	0.051	1.89	<DL	<DL	15.6	<DL	2.44	<DL	54.7	<DL	0.527	<DL	12400	<DL	<DL	367	<DL	10.2	1.36	147
0.186	9570	1370	<DL	6490	3.56	7.35	119	1070	4.71	2.52	<DL	2.97	<DL	<DL	13.7	<DL	2.41	<DL	63.7	<DL	0.485	<DL	12200	<DL	<DL	366	<DL	9.58	1.35	142
0.197	8220	1210	<DL	9770	3.79	7.99	117	1160	4.03	3.4	<DL	1.61	0.037	<DL	15.5	<DL	2.49	<DL	118	<DL	0.527	<DL	12100	<DL	0.062	388	<DL	9.56	1.32	121
0.197	9550	1320	<DL	7040	3.65	7.67	113	1130	3.04	3.59	<DL	1.57	0.048	<DL	17.2	<DL	2.29	<DL	120	<DL	0.484	<DL	12500	<DL	<DL	396	<DL	10.5	1.43	129
0.222	10000	1300	<DL	8670	3.98	8.69	100	1210	5.95	2.81	0.073	6.67	<DL	<DL	18.6	<DL	2.83	<DL	64.2	<DL	0.561	<DL	13300	<DL	<DL	422	<DL	11.2	1.57	144
0.188	9300	1300	<DL	6790	3.49	8.53	88.6	1010	2.23	2.97	<DL	1.61	<DL	<DL	15.9	<DL	2.58	<DL	85	<DL	0.489	<DL	12000	<DL	<DL	372	<DL	10	1.29	129
0.227	9240	1320	<DL	9660	4.08	10.2	73.1	1240	2.41	3.46	0.053	2.6	<DL	0.093	20.1	<DL	2.96	<DL	95.2	<DL	0.624	<DL	13700	<DL	0.073	426	<DL	11.8	1.56	133
0.22	7880	1320	<DL	11900	4.05	8.74	73	1260	2.91	3.26	<DL	6.4	0.031	<DL	19.1	<DL	2.75	<DL	99.5	<DL	0.573	<DL	13900	<DL	0.071	447	<DL	10.7	1.52	126
0.223	8950	1360	<DL	12400	4.11	9.8	71	1250	1.64	3.02	<DL	6.09	<DL	<DL	19.9	<DL	2.87	<DL	73.8	<DL	0.605	<DL	13700	<DL	0.075	440	<DL	11.4	1.53	135
0.192	3860	1440	<DL	9160	4.25	9.4	60.7	1290	1.46	2.66	<DL	3.3	<DL	<DL	14.3	<DL	2.76	<DL	69.8	<DL	0.562	<DL	13800	<DL	0.09	425	<DL	9.3	1.35	135
0.203	7790	1230	<DL	12300	3.96	8.51	61.1	1230	2.79	2.89	<DL	2.33	<DL	<DL	19.9	<DL	2.45	0.77	67	<DL	0.563	<DL	13000	<DL	0.083	423	<DL	11	1.43	137
0.228	6270	1080	<DL	17900	4.03	8.71	60.7	1240	1.32	3.44	<DL	1.05	<DL	<DL	22.1	<DL	2.67	0.713	95.3	<DL	0.58	<DL	13400	<DL	0.074	441	<DL	11.8	1.48	121
0.183	6570	1260	<DL	12200	4.29	9.03	65.9	1370	1.8	4.13	<DL	0.563	0.06	<DL	20.9	<DL	2.71	<DL	155	<DL	0.54	<DL	14200	<DL	0.073	451	<DL	9.92	1.35	137
0.202	6220	1260	<DL	14000	4.27	9.36	64.6	1380	2.9	3.23	<DL	2.36	<DL	<DL	21.1	<DL	2.74	<DL	96.3	<DL	0.589	<DL	14200	<DL	0.066	462	<DL	10.7	1.48	130
0.249	9110	1540	<DL	17200	3.98	8.99	58.9	1290	1.41	3.54	<DL	6.34	<DL	<DL	24.7	<DL	2.78	<DL	87.6	<DL	0.627	<DL	13200	<DL	0.068	436	<DL	13.4	1.76	120
0.231	8160	1530	<DL	13400	4.36	9.48	61.3	1450	1.28	3.26	<DL	6.82	<DL	<DL	22.6	<DL	2.93	<DL	74.4	<DL	0.639	<DL	14400	<DL	0.074	468	<DL	12.1	1.68	130
0.268	9940	1640	<DL	13300	4.07	9.18	57.5	1350	4.65	3.74	<DL	6.97	<DL	<DL	23.7	<DL	2.86	<DL	83.1	<DL	0.646	<DL	13500	<DL	0.061	438	<DL	13.7	1.72	126
0.22	8890	1550	<DL	11900	4.1	9.26	57.4	1360	1.52	3.54	<DL	4.56	<DL	<DL	21.3	<DL	2.8	<DL	92.7	<DL	0.598	<DL	13500	<DL	0.06	439	<DL	11.7	1.58	126
0.198	6820	1220	<DL	12500	4.02	8.9	57.9	1320	1.2	2.79	0.055	3.15	<DL	<DL	17.6	<DL	2.66	<DL	70.5	<DL	0.578	<DL	13500	<DL	0.064	422	<DL	10.1	1.39	122
0.208	8430	1240	<DL	8650	4.14	9.1	55.5	1360	1.87	2.96	0.052	3.71	<DL	<DL	19.2	<DL	2.81	<DL	74.3	<DL	0.598	<DL	13700	<DL	0.062	432	<DL	11.1	1.49	129
0.367	3920	628	22.7	23100	6.66	14.2	6.03	1650	6.58	6.68	0.101	1.18	0.117	0.119	12.5	<DL	4.11	<DL	251	<DL	0.867	<DL	9700	<DL	0.205	103	3.59	17.5	2.56	71.2
0.317	2180	849	<DL	29900	8.27	15.2	3.99	1880	4.08	4.22	0.12	3.79	0.033	0.105	14.4	<DL	4.41	0.731	100	<DL	0.899	<DL	11400	<DL	0.189	65.7	2.03	15.3	2.31	72.6
0.346	3700	800	30	30400	8.36	14.5	11.9	1970	5.45	5.96	0.131	2.58	0.095	0.137	13.9	<DL	4.21	0.76	208	2.38	0.909	<DL	10300	<DL	0.186	93.5	4.01	15.8	2.5	71.2
0.366	3000	980	5.76	28700	8.29	15.6	8.21	1910	4.37	5.05	0.123	4.78	0.048	0.107	15.8	<DL	4.52	<DL	125	<DL	0.973	<DL	12500	<DL	0.195	89.6	3.72	17.7	2.53	73.1
0.357	6630	769	59.4	17800	6.22	12.2	13.6	1780	10.5	9.72	0.099	1.12	0.215	0.182	15.9	<DL	3.5	0.801	397	<DL	0.756	<DL	9060	<DL	0.174	110	3.79	16.8	2.31	57.9
0.361	2800	471	39.6	28400	7.04	13.4	9.13	1930	6.65	7.8	0.11	1.09	0.134	0.155	12.4	<DL	3.91	0.812	306	<DL	0.865	<DL	10600	<DL	0.275	125	10.7	17.9	2.54	54.6
0.291	4480	636	97.7	21300	6.04	14.7	10.6	1780	6.01	8.58	0.082	1.69	0.189	0.138	12.															

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
40897	A14-1308-025	GMI14-2041	40200	1.58	<DL	92	0.417	<DL	41600	0.856	12.6	47.6	11.3	0.049	64.9	4.61	2.68	1.6	129000	19.5	4.22	0.073	4200	4.67	13.1
40897	A14-1308-025	GMI14-2041 DUP	37200	1.3	<DL	89	0.363	<DL	39800	0.786	12.3	46.5	11.3	0.043	64.2	4.34	2.53	1.52	127000	19.1	4.15	0.071	4080	4.45	12.1
40922	A14-1309-012	GMI14-2066	43700	1.1	<DL	56.4	0.311	<DL	44500	0.996	10.2	60.3	228	0.106	121	4.01	2.51	1.18	132000	17.7	3.57	0.06	3830	3.61	15.4
40922	A14-1309-012	GMI14-2066 DUP	44600	1.22	<DL	55.1	0.294	<DL	43800	0.922	9.77	59	224	0.101	116	3.95	2.44	1.21	129000	17.4	3.39	0.056	3730	3.55	15.3
40983	A14-1310-002	GMI14-2091	37200	1.52	<DL	70.6	0.756	<DL	25900	1.61	18.9	15.4	66.2	0.064	45.4	5.02	2.91	1.7	105000	21.8	4.84	0.066	2490	6.99	1.75
40983	A14-1310-002	GMI14-2091 DUP	37000	1.11	<DL	68.8	0.682	<DL	26300	1.55	19.7	15.2	70	0.081	44.9	5.25	3.03	1.71	105000	21.9	5.08	0.079	2480	7.23	1.62
40835	A14-1310-022	GMI14-2111	30300	1.34	<DL	156	0.52	<DL	37400	0.68	12	35	47.7	0.077	70	2.85	1.57	1.22	100000	21.7	2.93	0.064	4250	4.67	4.09
40835	A14-1310-022	GMI14-2111 DUP	30200	0.932	<DL	154	0.506	<DL	37000	0.659	11.9	35.6	47.3	0.084	71.9	2.78	1.56	1.19	102000	21.8	3.03	0.078	4260	4.68	3.97

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg 1	As mg/Kg 0.2	Au mg/Kg 0.5	Ba mg/Kg 0.2	Be mg/Kg 0.05	Bi mg/Kg 0.3	Ca mg/Kg 5	Cd mg/Kg 0.05	Ce mg/Kg 0.04	Co mg/Kg 0.03	Cr mg/Kg 0.4	Cs mg/Kg 0.04	Cu mg/Kg 0.05	Dy mg/Kg 0.02	Er mg/Kg 0.02	Eu mg/Kg 0.02	Fe mg/Kg 1	Ga mg/Kg 0.02	Gd mg/Kg 0.05	In mg/Kg 0.05	K mg/Kg 6	La mg/Kg 0.03	Li mg/Kg 0.02
		<b>Certified Values:</b>		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2400	2.62							17900			205000				16000						
		CRM PTM-1a #2		2410	1.35							17400			201000				15400						
		CRM PTM-1a #3		2330	2.57							17200			199000				15300						
		CRM PTM-1a #4		2460	2.23							17500			204000				15400						
		<b>Certified Values:</b>	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	42700	3.8		348	0.458	2.64	22400	3.86	32	554	285	0.301	9220	1.31	0.731	1.37	262000	17.5	3.38		7060	16.1	
		CRM SU-1b #2	38200	6.64		334	0.449	2.15	20200	3.54	31.1	544	309	0.161	9130	1.21	0.697	1.36	253000	17.3	3.38		6680	15.4	
		CRM SU-1b #3	37700	7.84		338	0.577	2	20000	3.83	29.6	555	323	0.213	9380	1.2	0.651	1.32	258000	17.9	3.16		7000	15.3	
		CRM SU-1b #4	38100	10.4		327	0.545	2.05	19300	3.61	28.8	540	314	0.164	9100	1.13	0.675	1.35	250000	17.6	3.11		6810	14.7	
		<b>Certified Values:</b>	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	50300	22.1		113		32.8	20900	10.4		144	181	0.236	1950				216000	42.5		1.75	5170	7.16	11.9
		CRM RTS-3a #2	38700	20.5		106		30.8	15000	10		141	174	0.091	1920				208000	40.3		1.7	4680	4.78	10.4
		CRM RTS-3a #3	38400	20.9		106		31.8	14600	10.3		140	176	0.128	1940				207000	41.1		1.7	4710	4.86	12.4
		CRM RTS-3a #4	41900	21.9		107		30.5	15800	10.6		142	177	0.144	1970				210000	41.5		1.69	4800	5.17	13.2
		<b>Certified Values:</b>																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		<b>Certified Values:</b>	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>			<b>1.5</b>	<b>40000</b>			<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	59700	22.3		620	1.31		15500	1.73	81.7	30.1	72.6	1.01	40.5	4.22		2.52	40900				19500	43.6	18.7
		CRM LKSD-3 #2	49500	22		580	1.31		12900	1.86	69	29.6	70.5	0.387	43.7	3.33		2.37	39300				18700	34.7	15.5
		CRM LKSD-3 #3	52100	21.8		586	1.58		13400	2.05	67.7	29.8	71.6	0.499	42.2	3.38		2.42	39500				19300	36	18.8
		CRM LKSD-3 #4	49500	22.5		557	1.73		12700	2.04	57.3	29.9	70.4	0.416	43	2.96		2.24	38800				18900	29.3	18.1



**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		9.79	9.49		9.3	10.1		10	10.3			9.99		10	10.1	10.1		9.97	10.3	10.2		9.97	9.07
		Spike #4		10.1	8.98		8.39	10.1		9.92	10.5			10.1		10.2	10.1	10.3		9.98	10.8	10.2		10.1	8.36
		Spike #7		10.1	9.02		10	9.89		9.88	9.86			9.86		9.72	9.92	9.87		9.92	9.74	9.98		9.94	9.88
		Spike #10		10.6	7.99		10.3	9.95		9.94	9.87			10.1		9.71	10	9.86		10	10.1	10		10	10.1
		Actual Spike Values:					100					100	100		100										
		Spike #2					103					103	103		102										
		Spike #5					88.8					88.3	87.6		89										
		Spike #8					106					105	105		105										
		Spike #11					84.7					83.6	83.1		84.4										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10700						10700										10600				10800		
		Spike #6	9050						8990										8900				9130		
		Spike #9	10900						10700										10800				11000		
		Spike #12	11200						10600										10600				11100		





# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-027

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

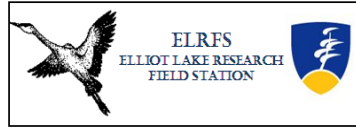
**Client Contact Information:**

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Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1426 (52) & 14-1427 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Dec 11, 2014 - Feb 8, 2015 / Troy Maki  
Submission Date: 2015 02 16

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
41121	A14-1426-001	GMI14-2112	65200	1.34	1.65	112	0.794	<DL	31700	1.11	20.9	24.1	98	0.335	65.5	8.61	5.35	2.16	95800	20.9	6.7	0.074	5770	8.44	12.1
41122	A14-1426-002	GMI14-2113	62100	2.37	0.75	108	0.612	<DL	29100	0.99	18.9	26.5	56.8	0.17	139	7.13	4.46	1.89	87300	20.4	5.73	0.053	5180	7.11	16.1
41123	A14-1426-003	GMI14-2114	62600	1.47	0.569	119	0.621	0.436	42400	1.01	21	29.6	42.3	0.142	130	7.89	4.88	2.17	96500	20	6.5	0.065	4020	7.85	9.59
41124	A14-1426-004	GMI14-2115	79600	2.77	0.503	570	0.721	<DL	60300	0.453	68.3	20.3	41.8	0.744	28.7	4.27	2.37	2.7	43900	34.6	7.55	<DL	16700	30.9	23.4
41125	A14-1426-005	GMI14-2116	47200	2190	4.18	640	0.657	<DL	44300	0.983	35.2	32.8	150	3.99	170	4.63	2.58	2.55	123000	28	5.89	<DL	4570	18.6	6.71
41126	A14-1426-006	GMI14-2117	57900	1.69	<DL	92	0.474	<DL	56900	1.08	23.3	27.9	73.1	0.263	199	7.49	4.69	2.21	87900	22.8	6.32	0.098	3450	8.71	9.02
41127	A14-1426-007	GMI14-2118	54600	1.27	<DL	111	0.504	0.329	50200	0.598	14.5	33.4	20.4	0.225	90.2	5.72	3.68	1.65	102000	18.3	4.64	0.068	4560	5.18	6.53
41128	A14-1426-008	GMI14-2119	51500	1.25	<DL	163	0.519	0.352	47500	0.573	15.2	35.7	11	0.149	70.3	7.13	4.56	1.9	123000	22.8	5.59	0.07	4480	5.1	12.1
41129	A14-1426-009	GMI14-2120	50900	1.59	<DL	106	0.399	<DL	44200	0.569	15.6	38.1	26.6	0.275	66.1	5.45	3.44	1.68	107000	19.7	4.72	0.069	5180	5.34	10.6
41130	A14-1426-010	GMI14-2121	50900	1.62	<DL	76.1	0.337	<DL	47400	0.541	13.2	40.4	28	0.277	79.7	4.91	3.07	1.46	110000	18.6	4.1	0.064	4420	4.61	9.55
41131	A14-1426-011	GMI14-2122	52000	1.56	<DL	132	0.317	<DL	47100	0.5	12.8	45.2	21.2	0.564	72.6	5.01	3.04	1.56	113000	20.2	4.1	0.062	7520	4.46	10.4
41132	A14-1426-012	GMI14-2123	51600	2.57	<DL	76.8	0.314	<DL	54700	0.524	13.1	48.8	21.6	0.275	61.8	4.85	3	1.44	115000	19.4	4.22	0.056	6530	4.79	9.42
41133	A14-1426-013	GMI14-2124	44600	1.73	<DL	75.6	0.292	<DL	87700	0.492	12.4	43.8	13.4	0.363	46.6	4.34	2.75	1.28	98300	17.7	3.77	0.055	5900	4.63	12
41134	A14-1426-014	GMI14-2125	49400	1.89	<DL	46.4	0.305	<DL	61600	0.542	12.7	52.9	31.5	0.135	58.4	4.58	2.97	1.33	109000	20.9	4.02	0.065	3850	4.53	12.5
41135	A14-1426-015	GMI14-2126	48700	1.64	<DL	62.6	0.304	<DL	54000	0.559	13	49	14.5	0.157	57	4.77	2.95	1.37	113000	18.6	4	0.055	4880	4.73	8.18
41136	A14-1426-016	GMI14-2127	45000	1.55	<DL	111	0.285	<DL	43500	0.471	12	48.4	14.5	0.157	50.7	4.53	2.78	1.38	110000	18.9	3.82	0.059	6880	4.2	10.2
41137	A14-1426-017	GMI14-2128	45500	1.58	<DL	83.7	0.239	<DL	46300	0.465	11.5	51.5	15.5	0.141	56.3	4.12	2.44	1.3	109000	18.2	3.57	0.056	5980	4.02	7.26
41138	A14-1426-018	GMI14-2129	44000	1.89	<DL	65.1	0.272	<DL	55700	0.502	12.7	48.2	10.1	0.177	54.7	4.64	2.87	1.31	107000	18.7	4.07	0.062	5110	4.39	6.34
41139	A14-1426-019	GMI14-2130	45700	1.63	<DL	72	0.217	<DL	50300	0.471	11.9	53.4	12.9	0.176	61.4	4.98	3.14	1.3	113000	17.9	4.01	0.06	5560	4.24	8.16
41140	A14-1426-020	GMI14-2131	45100	1.63	<DL	67	0.226	<DL	45900	0.509	11.6	56.8	12.1	0.135	60.5	4.22	2.58	1.24	115000	18.9	3.64	0.057	5350	3.98	9.63
41141	A14-1426-021	GMI14-2132	41800	1.51	<DL	62.7	0.222	<DL	42200	0.413	12.1	50.9	13.3	0.126	53.8	4.35	2.61	1.29	106000	17.4	3.81	<DL	4830	4.1	8.05
41142	A14-1426-022	GMI14-2133	46100	1.54	<DL	30.2	0.236	<DL	46700	0.568	14.4	48.2	27.6	<DL	58.8	4.88	2.85	1.39	99600	18.6	4.31	0.056	1980	5.01	8.61
41143	A14-1426-023	GMI14-2134	44600	1.22	<DL	58.8	0.309	<DL	39300	0.596	14.9	46.8	17.6	0.077	58.5	4.95	3	1.44	101000	17.8	4.48	0.054	4200	5.29	7.37
41144	A14-1426-024	GMI14-2135	38600	1.28	<DL	56.4	0.241	<DL	36900	0.39	10.9	55.4	8.58	0.085	60.3	3.77	2.15	1.12	108000	17.4	3.33	0.052	4810	3.69	11
41145	A14-1426-025	GMI14-2136	43200	1.42	<DL	61.9	0.257	<DL	42600	0.509	13.5	50.8	16.7	0.16	63.7	4.71	2.81	1.34	104000	17.9	4.24	0.055	5170	4.66	6.36
41146	A14-1426-026	GMI14-2137	41900	1.42	0.602	70.3	0.273	0.561	28600	0.825	15.1	44.3	16.9	0.249	78.5	5.16	3.14	1.44	95200	19.9	4.51	0.056	4740	5	9.01
41147	A14-1426-027	GMI14-2138	41700	1.72	<DL	96.7	0.278	0.428	40400	0.487	9.81	53.6	10	0.262	110	3.67	2.23	1.15	108000	20.6	3.12	<DL	6470	3.38	9.26
41148	A14-1426-028	GMI14-2139	44100	1.23	<DL	111	0.229	<DL	47700	0.491	9.63	55.7	10.2	0.437	80.7	3.82	2.26	1.16	109000	19.7	3.26	<DL	7880	3.27	5.91
41149	A14-1426-029	GMI14-2140	64700	2.61	<DL	481	0.543	<DL	45200	0.423	79.9	18.9	42.8	0.643	15.4	3.79	2.08	2.64	38100	33.7	8.21	<DL	16400	35.3	15.4
41150	A14-1426-030	GMI14-2141	45100	449	1.29	455	0.761	<DL	28400	1.16	35.5	32.2	172	0.943	80.8	3.66	2.02	2.18	66400	27.6	5.2	<DL	12100	16.7	9.29
41151	A14-1426-031	GMI14-2142	39400	1.54	<DL	50.2	0.216	<DL	47700	0.364	10.7	56.3	7.37	0.106	75.2	3.74	2.26	1.11	107000	17.2	3.29	0.05	4420	3.82	5.1
41152	A14-1426-032	GMI14-2143	42200	1.67	<DL	59	0.197	0.411	43000	0.454	11.3	54	11.9	0.188	90	3.93	2.44	1.14	107000	17.6	3.51	0.056	4990	3.84	5.15
41153	A14-1426-033	GMI14-2144	43400	1.44	<DL	57.5	0.249	<DL	41400	0.484	12.7	52.5	12.6	0.182	93.3	4.41	2.63	1.27	103000	18.4	3.85	0.052	5890	4.4	6.8
41154	A14-1426-034	GMI14-2145	34700	1.42	<DL	52.9	0.25	0.339	30800	0.438	9.25	53.8	7.15	0.058	110	3.3	1.96	0.995	104000	18.4	2.98	<DL	3750	3.11	11.2
41155	A14-1426-035	GMI14-2146	38900	1.03	<DL	85.3	0.203	<DL	40600	0.423	10.2	54.9	7.76	0.153	82.6	3.7	2.25	1.1	105000	18.5	3.26	0.051	6470	3.49	7.88

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.798	16300	1210	4.22	38900	9.76	17	12.8	1780	4.02	7.86	0.106	15.6	0.036	0.133	31.5	<DL	5.45	1.1	110	7.83	1.35	1.16	12200	0.08	0.252	62.6	3.63	48	5.1	83	
0.623	17700	1080	6.77	35600	7.17	15.1	15.5	1420	4.66	6.38	0.096	12	0.034	0.113	28.8	1.36	4.66	0.725	89.4	2.13	1.1	0.859	11200	0.07	0.245	84.3	3.72	38	4.36	95.2	
0.649	16000	1320	<DL	41500	8.45	16.3	14.8	1730	5.34	7.01	0.105	8.89	0.035	0.076	35	1.51	5.36	0.912	104	<DL	1.27	0.839	15200	<DL	0.44	120	3.35	43.2	4.58	75.7	
0.284	13300	575	<DL	33300	8.71	30.7	39.4	1110	1.77	5.32	0.06	38.7	0.063	0.071	13.5	<DL	6.22	0.999	177	<DL	0.924	3.67	5380	0.15	0.69	95	2.57	20.7	1.95	89	
0.311	24600	4580	3.57	11100	14.4	20.5	105	2330	7.73	6.7	0.081	15.6	0.099	2.09	13.9	1.43	4.81	1.44	234	<DL	0.852	4.48	6420	0.102	1.49	149	2.41	25.2	2.2	157	
0.654	14200	1230	<DL	22300	7.17	17.2	15.7	1460	4.24	9.47	0.094	11.2	0.111	0.126	34.3	<DL	5.16	0.906	257	<DL	1.2	0.874	12800	<DL	0.183	90.8	2.36	41	4.42	71.4	
0.518	18300	1670	3.71	30700	5.22	11.3	14.1	1010	4.09	6.07	<DL	14.9	0.035	<DL	46.1	<DL	3.66	<DL	106	<DL	0.886	<DL	19500	0.072	0.175	179	2.63	31.5	3.45	97.1	
0.611	20700	1380	<DL	30100	4.83	12.8	11.1	929	3.64	6.6	0.061	12	<DL	<DL	46.6	<DL	4.28	<DL	67.5	<DL	1.1	<DL	21800	0.063	0.286	324	2.46	38.3	4.22	116	
0.451	20800	1790	3.28	21300	4.57	11.5	15.6	795	3.14	5.63	0.062	19.2	0.037	0.097	44.7	<DL	3.67	<DL	114	<DL	0.875	<DL	19200	0.112	0.14	244	2.58	27.7	3.29	103	
0.408	21800	2100	<DL	18200	4.59	10.1	11.4	572	2.68	5.26	0.051	17.7	0.039	<DL	46.1	0.672	3.28	<DL	120	<DL	0.774	<DL	21400	0.102	0.081	258	1.49	25	2.99	104	
0.416	23000	1970	<DL	16000	4.14	10.1	11.4	671	3.24	5.37	<DL	33	0.038	<DL	47.2	<DL	3.25	<DL	112	<DL	0.771	<DL	19300	0.173	0.08	357	1.55	25.8	2.98	107	
0.389	21700	1900	<DL	15600	4.12	10.2	12.5	736	3.98	5.86	<DL	24.7	0.053	0.184	45.6	<DL	3.25	<DL	158	<DL	0.757	<DL	18400	0.132	0.075	434	1.48	25	2.78	102	
0.364	27000	1780	<DL	13700	3.31	9.12	19.3	553	2.95	5.46	<DL	21.3	0.046	0.094	39.1	<DL	3.03	<DL	136	<DL	0.695	<DL	13700	0.104	0.077	420	1.45	23.7	2.64	96.9	
0.387	22500	1450	3.09	10600	3.4	9.68	13.3	615	6.75	5.65	0.061	12.7	0.047	0.117	38.9	0.758	3.17	0.822	145	<DL	0.75	<DL	14600	0.074	0.07	460	1.22	25.5	2.81	96.7	
0.377	22200	1600	<DL	20500	3.86	10.1	12.8	720	3.63	5.44	0.054	15.8	0.043	0.129	43.6	<DL	3.28	<DL	133	<DL	0.754	<DL	16600	0.085	0.264	473	1.47	24.2	2.68	100	
0.335	19100	1760	<DL	16000	3.72	9.36	13.9	652	3.14	4.37	0.057	20.5	<DL	0.072	39.5	<DL	3.07	<DL	94.7	<DL	0.702	<DL	16200	0.12	0.164	469	1.46	22	2.5	107	
0.287	18300	1570	<DL	18700	3.69	9.08	12.5	644	3.18	4.67	<DL	17.4	0.042	0.104	40.8	<DL	2.88	<DL	126	<DL	0.648	<DL	15800	0.102	0.097	538	1.31	19.5	2.18	95.9	
0.377	18600	1340	3.65	15800	3.56	9.82	12.5	599	4.12	5.85	<DL	15.6	0.067	0.212	39.7	<DL	3.2	<DL	174	<DL	0.734	<DL	14900	0.092	0.112	552	1.34	23.5	2.67	90.7	
0.395	20300	1620	<DL	15500	3.42	9.51	11	595	2.8	5.22	<DL	17.1	0.033	0.072	42.3	<DL	3.22	<DL	110	<DL	0.775	<DL	15900	0.103	0.063	605	1.21	25.2	2.92	99.9	
0.312	19200	1620	<DL	15400	3.49	9.11	11	574	2.78	4.42	<DL	14.7	0.04	0.092	39.5	<DL	2.88	<DL	108	<DL	0.661	<DL	15900	0.104	0.072	619	1.06	19.4	2.35	107	
0.305	17700	1430	<DL	15700	3.51	9.51	9.16	612	1.99	4.26	<DL	13.8	<DL	<DL	37.5	<DL	3.07	<DL	90.7	<DL	0.692	<DL	15300	0.092	<DL	562	0.86	20.1	2.39	98.8	
0.352	15100	1320	<DL	17600	4.24	11	23.6	773	2.76	4.96	0.05	4.01	0.033	<DL	35.4	<DL	3.49	<DL	113	<DL	0.795	<DL	13500	<DL	0.084	453	<DL	22.6	2.52	96.6	
0.354	14400	1260	4.81	22100	4.37	11.3	14.4	820	3.85	4.51	0.052	10.6	<DL	<DL	33.5	<DL	3.63	<DL	92.7	<DL	0.824	<DL	13800	0.065	0.083	447	1.21	21.9	2.6	93.5	
0.25	16000	1450	<DL	13300	3.34	8.55	12.2	569	2.1	3.14	<DL	11	<DL	<DL	31.5	<DL	2.76	<DL	73.2	<DL	0.609	<DL	15300	0.089	0.062	639	<DL	14.8	1.9	106	
0.347	15000	1450	<DL	16500	3.86	10.3	10.6	692	2.06	4.53	<DL	15.6	<DL	<DL	35	<DL	3.37	<DL	95.8	<DL	0.753	<DL	13700	0.106	0.066	535	<DL	21.4	2.59	91.1	
0.384	12900	976	23.1	22100	5.9	11.5	7.41	925	4.32	4.24	0.069	12.6	<DL	<DL	28.6	1.04	3.57	<DL	76.6	<DL	0.819	<DL	12100	0.091	0.2	382	1.42	22.2	2.76	82.6	
0.265	18600	1130	11.8	16300	3.1	7.77	20.5	487	3.97	3.71	<DL	19	<DL	<DL	35.6	1.33	2.58	<DL	81.1	<DL	0.589	<DL	14200	0.134	0.119	626	1.31	17	2.04	95.9	
0.296	18800	1170	3.82	17000	2.93	7.71	22.7	506	3.39	4.32	<DL	26	0.031	<DL	38.5	<DL	2.54	<DL	101	<DL	0.591	<DL	14100	0.169	0.073	684	1.25	18.5	2.13	94.1	
0.224	8590	453	<DL	27700	9.33	35.3	33.5	977	1.09	4.46	0.053	37.4	0.05	<DL	9.32	<DL	6.29	1.04	139	<DL	0.877	2.74	5110	0.163	0.681	109	0.954	16.1	1.56	88.1	
0.207	13700	1350	3.4	9420	18.7	17.9	107	1380	12.1	5.42	0.093	29.3	0.091	1.01	10.9	<DL	4.09	3.2	204	<DL	0.718	4.04	7590	0.278	1.38	125	1.99	15.2	1.63	123	
0.28	16600	1190	<DL	17800	2.93	8.06	22.5	473	4.45	4.37	<DL	9.46	0.042	<DL	36.7	0.712	2.67	<DL	115	<DL	0.593	<DL	13700	0.068	0.172	637	1.11	17.5	2.09	88.9	
0.305	17300	1260	<DL	19500	3.2	8.59	22.1	576	4.77	4.44	<DL	13.9	0.034	<DL	38.3	<DL	2.83	<DL	106	<DL	0.641	<DL	14000	0.084	0.191	644	0.881	18.5	2.24	89.3	
0.319	17200	1210	<DL	17600	3.69	9.63	29.9	680	4.56	4.76	<DL	15.9	0.042	<DL	34	<DL	3.1	<DL	109	<DL	0.687	<DL	12400	0.104	0.201	615	0.836	20	2.33	92.3	
0.232	16800	1010	5.56	16900	3.01	7.32	27.4	524	3.65	2.92	<DL	7.01	<DL	<DL	29.3	<DL	2.44	<DL	56.2	<DL	0.531	<DL	13400	<DL	0.169	601	1.49	14.1	1.78	104	
0.289	17800	1210	<DL	15300	2.93	7.94	27.8	492	3.17	3.9	<DL	15.9	<DL	<DL	33.5	<DL	2.56	<DL	92.1	<DL	0.585	<DL	13400	0.117	0.154	636	0.961	16.9	2.05	92.2	

41156	A14-1426-036	GMI14-2147	38500	1.52	<DL	65.7	0.194	<DL	39900	0.44	10.2	51.7	7.02	0.113	93.2	3.64	2.2	1.11	103000	18.1	3.16	<DL	5770	3.49	7.52
41157	A14-1426-037	GMI14-2148	40100	1.22	<DL	69.4	0.215	<DL	40800	0.423	10	55.3	5.56	0.082	85.1	3.66	2.2	1.12	105000	18.2	3.21	0.051	5050	3.43	6.9
41158	A14-1426-038	GMI14-2149	38000	1.43	<DL	65.4	0.233	<DL	49000	0.371	10.4	55.8	5.97	0.085	97.4	3.41	2.1	1.07	108000	19	3.12	<DL	4850	3.83	7.87
41159	A14-1426-039	GMI14-2150	41200	1.48	<DL	97.1	0.207	<DL	43600	0.431	10.3	55.5	6.09	0.136	92	3.85	2.34	1.2	104000	17.7	3.32	0.052	6630	3.7	7
41160	A14-1426-040	GMI14-2151	39200	1.25	<DL	84.7	0.149	<DL	49300	0.269	9.58	62.4	17.1	0.042	106	3.55	2.15	1.11	114000	17.4	3.09	<DL	4190	3.18	6.09
41161	A14-1426-041	GMI14-2152	35400	1.19	<DL	104	0.224	0.731	36900	0.337	7.81	71.6	10.4	0.047	120	2.63	1.59	0.95	103000	19.2	2.41	<DL	5210	2.67	7.2
41162	A14-1426-042	GMI14-2153	39200	1.29	<DL	90.6	0.243	0.565	33200	0.411	8.41	65.7	6.64	0.08	153	3.29	1.96	1.02	109000	20.9	2.76	<DL	5310	2.8	8.12
41163	A14-1426-043	GMI14-2154	42500	1.38	<DL	74.4	0.149	<DL	50200	0.393	9.26	59.1	15.3	0.084	118	3.56	2.18	1.08	109000	17.8	3.06	<DL	4190	3.14	7.05
41164	A14-1426-044	GMI14-2155	38700	1.61	<DL	98.7	0.236	0.317	47600	0.352	10.6	58.9	65.6	0.067	124	3.55	2.23	1.18	115000	19	3.12	0.054	5520	3.89	7.19
41165	A14-1426-045	GMI14-2156	40000	1.66	<DL	130	0.19	0.323	43200	0.445	9.63	60.5	10.8	0.134	134	3.45	2.1	1.17	110000	19.5	3.03	0.051	6520	3.43	9.26
41166	A14-1426-046	GMI14-2157	39100	1.12	<DL	148	0.189	<DL	42000	0.388	9.43	55.5	11	0.151	97	3.35	2.03	1.24	108000	18.6	2.94	0.056	6520	3.14	8.14
41167	A14-1426-047	GMI14-2158	38700	1.08	<DL	140	0.162	<DL	47300	0.423	9.41	59.1	8.45	0.126	109	3.43	2.13	1.17	112000	19.5	3.05	<DL	5430	3.17	6.56
41168	A14-1426-048	GMI14-2159	39500	1.52	<DL	124	0.164	0.343	42700	0.388	9.46	65.6	7.7	0.13	166	3.45	2.05	1.16	119000	19.4	2.98	0.053	5010	3.23	8.87
41169	A14-1426-049	GMI14-2160	41500	1.17	<DL	145	0.128	<DL	47500	0.388	9.02	63.1	40.9	0.145	171	3.4	2.08	1.17	108000	19.8	2.93	<DL	5230	3.01	7.2
41170	A14-1426-050	GMI14-2161	46600	1.61	<DL	188	0.157	<DL	53500	0.464	10.6	58.1	51.5	0.278	187	3.78	2.4	1.39	109000	21.4	3.35	0.05	5720	3.68	9.04
41171	A14-1426-051	GMI14-2162	39400	1.51	<DL	327	0.177	<DL	41700	0.437	9.51	62.1	43.4	0.204	203	3.45	2.15	1.6	108000	24.1	3.15	<DL	7590	3.26	8.29
41172	A14-1426-052	GMI14-2163	37500	1.33	<DL	119	0.274	1.05	29400	0.438	8.9	65.7	50.8	0.05	216	3.07	1.82	1.12	112000	21.4	2.82	<DL	3690	3.07	10.6
41173	A14-1427-001	GMI14-2164	50300	1.23	1.6	121	0.644	0.355	52900	0.463	8.43	56.7	32.7	0.354	125	3.36	2.14	1.09	132000	21.2	2.72	0.066	4980	3.47	14.3
41174	A14-1427-002	GMI14-2165	81500	3.38	0.874	481	1.06	<DL	45000	0.44	86.1	19.3	28.2	0.734	15.6	4.03	2.45	2.58	47000	35.7	8.39	<DL	16300	43.4	33.4
41175	A14-1427-003	GMI14-2166	51400	2170	3.07	622	0.923	<DL	47300	1.27	29	30.8	142	2.63	165	4.6	2.62	2.63	136000	31	5.61	0.071	4950	19.1	8.45
41176	A14-1427-004	GMI14-2167	52900	1.9	0.712	165	0.505	1.76	60900	0.535	10	56.4	10.8	0.2	131	3.56	2.34	1.26	133000	23.1	3.01	0.069	6480	4.22	12.9
41177	A14-1427-005	GMI14-2168	47300	1.37	0.579	87.9	0.463	<DL	53600	0.494	8.09	61.5	7.02	0.124	147	3.11	1.91	1.02	134000	20.1	2.56	0.058	4580	3.22	12.3
41178	A14-1427-006	GMI14-2169	45700	1.21	0.563	99.5	0.465	<DL	46200	0.344	7.51	56.7	5.63	0.127	184	3.17	1.89	0.966	136000	19.1	2.44	0.062	6140	2.92	14.6
41179	A14-1427-007	GMI14-2170	48800	1.1	0.528	94.8	0.437	<DL	58200	0.496	9.45	59.1	14.1	0.128	146	3.53	2.15	1.19	137000	21.6	2.88	0.085	4860	3.86	12.6
41180	A14-1427-008	GMI14-2171	44600	1.29	0.55	88.9	0.511	<DL	42600	0.416	7.7	61.1	6.41	0.157	228	3.1	1.87	0.985	139000	19.4	2.51	0.077	6650	3	16.8
41181	A14-1427-009	GMI14-2172	43600	1.37	<DL	68.8	0.453	<DL	44900	0.38	8.58	59.5	12.9	0.131	244	3.2	1.92	0.964	136000	18.6	2.62	0.071	5170	3.52	18
41182	A14-1427-010	GMI14-2173	49300	1.4	0.501	104	0.558	<DL	52300	0.477	8.84	59.1	31.2	0.206	182	3.5	2.21	1.12	139000	20.6	2.93	0.065	7790	3.67	15.7
41183	A14-1427-011	GMI14-2174	51200	1.39	0.508	105	0.337	<DL	60500	0.428	8.6	62.4	22.8	0.199	243	3.46	2.25	1.12	141000	20.9	2.88	0.063	6910	3.36	14.7
41184	A14-1427-012	GMI14-2175	50500	1.61	<DL	109	0.368	<DL	56700	0.42	8.69	58.9	42.6	0.227	216	3.53	2.14	1.14	133000	20.4	2.82	0.063	7550	3.39	11.7
41185	A14-1427-013	GMI14-2176	48500	1.58	0.511	136	0.382	<DL	51500	0.413	8.45	63.6	26.3	0.217	258	3.34	2.02	1.18	143000	21.3	2.7	0.061	8510	3.35	14.7
41186	A14-1427-014	GMI14-2177	47900	0.897	<DL	121	0.432	<DL	57700	0.372	7.81	56.2	26.9	0.225	198	3.19	2.03	1.08	133000	20.4	2.57	0.056	5830	3.1	10.7
41187	A14-1427-015	GMI14-2178	57900	1.47	<DL	203	0.522	1.33	49600	0.564	8.86	64.3	31.3	0.46	261	3.76	2.42	1.37	145000	25.2	2.94	0.061	11100	3.57	23
41188	A14-1427-016	GMI14-2179	40300	1.44	<DL	102	0.473	<DL	49800	0.422	8.36	55.8	44.7	0.142	199	2.86	1.76	1.02	130000	20.1	2.67	0.066	4620	3.27	9.64
41189	A14-1427-017	GMI14-2180	39500	1.36	<DL	138	0.402	<DL	46200	0.459	8.45	58.4	43.6	0.125	210	2.9	1.66	1.16	131000	21	2.59	0.068	7080	3.44	9.93
41190	A14-1427-018	GMI14-2181	49100	1.07	<DL	188	0.478	0.432	44300	0.435	8.89	53.6	53.4	0.199	194	3.26	1.96	1.3	126000	22.4	2.82	0.065	9150	3.59	14.4
41191	A14-1427-019	GMI14-2182	52000	1.36	<DL	150	0.443	<DL	48300	0.363	9.29	53.6	89.3	0.272	187	3.57	2.1	1.29	124000	22	2.94	0.065	9980	3.72	15.9
41192	A14-1427-020	GMI14-2183	46900	1.39	<DL	157	0.454	<DL	51900	0.392	8.58	50.9	100	0.155	137	3.17	1.98	1.23	115000	22.1	2.74	0.063	6870	3.49	15.6
41193	A14-1427-021	GMI14-2184	48900	1.25	<DL	138	0.543	0.427	47100	0.467	8.8	54	92.9	0.166	169	3.23	2.06	1.18	124000	20.9	2.79	0.062	7820	3.65	18.2
41194	A14-1427-022	GMI14-2185	50700	1.83	<DL	164	0.44	0.453	52400	0.45	8.61	57.1	88.5	0.232	211	3.41	2.11	1.24	126000	21.7	2.81	0.065	8910	3.47	15.5
41195	A14-1427-023	GMI14-2186	51800	1.57	<DL	131	0.38	<DL	50900	0.386	8.71	57.2	115	0.16	226	3.3	2.05	1.2	126000	21.8	2.8	0.066	8370	3.43	16.3
41196	A14-1427-024	GMI14-2187	53100	1.32	<DL	91.3	0.439	2.11	49300	0.516	8.08	54.9	137	0.2	174	3	1.9	1.02	108000	20.9	2.62	0.053	7630	3.35	17.1
41197	A14-1427-025	GMI14-2188	56700	1.5	<DL	109	0.478	0.588	51300	0.666	9.52	47.7	160	0.303	88.6	3.42	2.24	1.14	107000	21.1	2.96	<DL	10100	3.8	18.6
41198	A14-1427-026	GMI14-2189	61400	1.67	0.783	111	0.462	0.307	59300	0.655	10.1	48.6	144	0.328	56.9	3.73	2.41	1.25	107000	21	3.2	0.069	8100	4.05	14.3
41199	A14-1427-027	GMI14-2190	72600	5.05	0.636	364	1.05	<DL	42200	0.447	105	21.3	36	0.396	21	4.26	2.54	2.71	49000	30.9	10.6	0.054	12500	47.9	37.2
41200	A14-1427-028	GMI14-2191	54500	450	1.51	458	1.56	<DL	31400	1.56	31.8	32.2	174	1.08	84	3.44	2.08	2.24	77300	30.8	4.95	0.073	14300	17.3	15
41201	A14-1427-029	GMI14-2192	49300	1.95	<DL	142	0.479	<DL	49900	0.481	14.3	52	129	0.169	62.8	3.48	2.08	1.3	101000	20.2	3.44	0.067	7680	6.09	14.2
41202	A14-1427-030	GMI14-2193	44200	1.33	<DL	103	0.473	<DL	53300	0.449	10.7	54.6	119	0.084	75.3	3.12	1.9	1.21	103000	18.9	2.93	0.06	4200	4.23	13
41203	A14-1427-031	GMI14-2194	48500	1.65	<DL	115	0.459	<DL	55100	0.549	11.1	54.7	98.1	0.137	76.7	3.49	2.13	1.24	110000	19.7	3.13	0.063	5700	4.44	12.5
41204	A14-1427-032	GMI14-2195	47100	1.75	<DL	100	0.524	<DL	47500	0.484	10.4	55.7	63.7	0.156	104	3.32	1.9								

0.276	16000	1170	<DL	15500	3.02	7.99	23.5	535	3.4	3.87	<DL	13.4	0.036	<DL	33.1	<DL	2.63	<DL	99.1	<DL	0.585	<DL	13200	0.095	0.161	650	0.807	16.2	1.93	88.7
0.271	16400	1210	3.09	18700	3.08	7.8	16.6	521	3.22	3.77	<DL	9.87	<DL	<DL	34.3	<DL	2.48	<DL	88.2	<DL	0.586	<DL	13400	0.077	0.131	628	1.03	16.2	1.97	87.5
0.265	17900	1210	3.46	14000	2.75	7.82	16.6	463	4.24	3.92	<DL	9.58	<DL	<DL	33.4	<DL	2.52	<DL	89.7	<DL	0.542	<DL	14000	0.072	0.195	648	<DL	16.2	1.94	89
0.311	19400	1110	<DL	17900	2.99	7.97	30.4	493	3.26	4.28	<DL	16	0.043	<DL	36.3	<DL	2.63	<DL	103	<DL	0.608	<DL	13300	0.098	0.693	645	0.885	19	2.25	86.1
0.257	18200	1470	<DL	13500	2.88	7.47	41.9	496	2.76	4.71	<DL	7.31	0.054	<DL	36.9	<DL	2.5	<DL	142	<DL	0.561	<DL	14500	<DL	0.076	787	<DL	16.3	1.84	99.7
0.193	16600	1010	3.44	17100	2.5	5.83	23.7	331	5.72	3.32	<DL	9.12	0.04	<DL	28.7	0.877	1.91	<DL	105	<DL	0.427	<DL	12000	0.077	0.199	578	1.08	11.7	1.4	86.5
0.25	18600	1100	3.83	20400	2.96	6.73	23.6	487	4.44	3.4	<DL	11.2	<DL	<DL	35.5	1.92	2.29	<DL	78.1	<DL	0.506	<DL	13000	0.071	0.209	612	1.12	14.8	1.78	87.9
0.274	20300	1450	<DL	13800	2.78	7.22	43.2	488	2.64	5.33	<DL	9.24	0.071	<DL	38.9	<DL	2.4	<DL	168	<DL	0.555	<DL	14000	0.065	<DL	746	<DL	17.3	1.99	95.1
0.283	18900	1340	<DL	13700	2.88	7.82	41.1	492	4.14	4.85	<DL	9.4	0.059	<DL	36.2	<DL	2.55	<DL	149	<DL	0.564	<DL	14600	0.085	1.45	768	0.915	16.4	2.16	98.8
0.263	20400	1170	4.24	16000	2.82	7.28	54.6	486	4.46	4.22	<DL	15.3	0.045	<DL	36.4	<DL	2.44	<DL	116	<DL	0.555	<DL	14000	0.1	0.339	744	1.06	16.2	1.98	93.5
0.255	17300	1130	3.39	16800	2.81	7.24	56	476	2.96	4.04	<DL	16.8	0.035	<DL	34	<DL	2.44	<DL	103	<DL	0.548	<DL	14200	0.116	0.088	774	0.95	15.4	1.88	91.6
0.269	18200	1190	<DL	16000	2.72	7.13	58.5	471	3.01	4.11	<DL	14.2	0.033	<DL	36.4	<DL	2.42	<DL	107	<DL	0.551	<DL	14300	0.098	0.114	801	1.17	16.5	1.98	91
0.253	21100	1400	<DL	17000	2.88	7.37	60.4	495	3.47	3.97	<DL	11.5	0.034	<DL	39.1	<DL	2.43	<DL	99.7	<DL	0.538	<DL	15400	0.081	0.159	871	1.13	15.7	1.95	103
0.265	19700	1310	<DL	15900	2.73	7.01	81.5	486	3.23	4.49	<DL	13.9	0.044	<DL	36.9	<DL	2.38	<DL	115	<DL	0.534	<DL	13700	0.094	0.078	757	1.09	16.4	1.89	90.5
0.326	24600	1290	<DL	16600	2.76	8	99.6	517	2.89	5.29	<DL	18.9	0.054	<DL	41	<DL	2.67	<DL	128	<DL	0.587	<DL	13300	0.115	0.09	764	1.05	20.3	2.23	95.5
0.282	19500	1150	<DL	14500	2.7	7.15	105	462	2.99	4.28	<DL	20.7	0.042	<DL	34.2	<DL	2.35	<DL	109	<DL	0.547	<DL	13600	0.139	0.124	750	1.01	16.6	2.01	106
0.225	14200	896	15.2	20500	2.91	6.91	85.4	450	6.93	2.72	<DL	6.58	<DL	<DL	27.6	<DL	2.19	<DL	46.5	<DL	0.485	<DL	12800	<DL	0.49	574	2.36	13.3	1.67	105
0.281	22600	1190	<DL	24800	4.43	7.07	73	486	3.06	3.68	<DL	7.23	<DL	<DL	37.7	<DL	2.28	<DL	78.9	6.01	0.552	<DL	13800	0.08	0.103	742	2.89	16.4	1.88	109
0.294	9780	481	<DL	32300	9.31	39.3	33.1	1090	1.24	4.49	<DL	31.4	0.034	0.097	10.2	<DL	6.53	1.17	109	2.05	0.976	4.49	4770	0.17	0.759	92.6	1.93	18.7	1.88	96.7
0.307	24300	4410	3.73	11200	14.2	19.8	102	2950	7.77	7.09	<DL	12.6	0.09	2.26	13.1	3.05	4.64	1.47	216	<DL	0.888	4.34	5900	0.118	1.54	146	2.7	23.7	2.06	163
0.318	25300	1290	<DL	20800	2.81	7.78	67.2	489	8.49	4.54	<DL	11	0.034	<DL	40.7	1.2	2.51	<DL	105	<DL	0.593	<DL	13700	0.105	0.1	774	1.97	18.5	2.14	108
0.247	22600	1250	<DL	19700	2.6	6.68	64.7	439	2.93	3.9	<DL	6.59	0.036	<DL	37.8	<DL	2.14	<DL	107	<DL	0.512	<DL	14100	0.074	0.067	827	1.76	14.6	1.67	106
0.239	22900	1210	<DL	21800	2.65	6.26	66.8	459	2.32	3.14	<DL	7.79	<DL	<DL	36.9	<DL	2.11	<DL	56.9	<DL	0.498	<DL	14400	0.083	<DL	838	1.62	14	1.63	108
0.273	20200	1350	<DL	15900	2.87	7.65	83.9	542	3.27	4.23	<DL	7.71	0.035	0.074	36.7	<DL	2.51	<DL	104	<DL	0.585	<DL	14600	0.083	0.077	829	1.52	16.2	1.83	108
0.225	25100	1460	<DL	17000	2.79	6.55	81.4	499	2.61	3.24	<DL	11.6	<DL	<DL	36.6	<DL	2.11	<DL	71.7	<DL	0.511	<DL	14900	0.118	0.31	834	1.69	13.9	1.65	115
0.238	24300	1280	<DL	16500	2.71	6.99	92.4	507	2.88	3.47	<DL	7.98	<DL	<DL	35.7	<DL	2.2	<DL	76.8	<DL	0.517	<DL	14200	0.09	0.126	822	1.39	14.4	1.66	101
0.264	25800	1450	3.39	18100	2.86	7.45	102	550	2.6	4.03	<DL	12.8	<DL	<DL	39.1	<DL	2.41	<DL	86.7	<DL	0.568	<DL	14900	0.115	0.105	838	1.95	16.6	1.88	107
0.279	25900	1450	<DL	13800	2.88	7.25	107	568	2.35	4.15	<DL	13.7	0.031	0.071	41.9	<DL	2.34	<DL	91.6	<DL	0.577	<DL	14900	0.124	0.067	866	1.41	16.9	1.89	102
0.27	24300	1390	<DL	16900	2.86	7.22	105	559	3.15	4.34	<DL	16	<DL	0.075	39.4	<DL	2.38	<DL	97.1	<DL	0.582	<DL	14100	0.136	0.068	797	1.45	16.8	1.9	95.3
0.255	24700	1450	<DL	15400	2.8	7.04	114	561	2.69	3.97	<DL	17	0.037	<DL	39	<DL	2.32	<DL	92.1	<DL	0.568	<DL	15000	0.144	0.064	872	1.33	15.4	1.83	107
0.266	24200	1270	<DL	18400	2.57	6.5	108	511	3.22	4.3	<DL	13.5	0.04	<DL	38.1	<DL	2.18	<DL	115	<DL	0.52	<DL	13600	0.104	0.123	796	1.26	15.7	1.73	98.7
0.305	37200	1330	4.47	20400	2.81	7.3	115	559	5.95	4.66	<DL	28.9	0.036	<DL	48.3	<DL	2.26	<DL	87	<DL	0.615	<DL	14400	0.172	0.184	818	1.55	20.5	2.14	113
0.202	15500	1400	<DL	16800	2.83	7.02	107	578	3.33	3.29	<DL	7.25	<DL	<DL	30.2	<DL	2.23	<DL	88.1	<DL	0.51	<DL	14100	0.078	0.211	723	1.38	11.5	1.47	101
0.191	15200	1290	3.82	14300	2.84	6.87	108	600	2.8	3.13	<DL	10.9	<DL	0.078	29.2	<DL	2.14	<DL	83.8	<DL	0.486	<DL	14100	0.112	0.066	764	1.37	10.9	1.34	103
0.252	22000	1210	3.27	19800	2.84	7.09	99.1	575	3.81	3.72	<DL	18.8	<DL	<DL	32.7	<DL	2.31	<DL	81.7	<DL	0.542	<DL	13200	0.147	0.131	716	1.21	14.6	1.69	103
0.27	24100	1280	<DL	17600	2.91	7.45	101	654	3.01	4.18	<DL	22.3	0.037	<DL	35	<DL	2.45	<DL	96.8	<DL	0.575	<DL	12700	0.181	0.118	658	1.18	16.1	1.84	101
0.249	23600	1220	3.3	14500	2.82	6.95	95.4	631	3	4.14	<DL	11.4	0.033	<DL	30.6	<DL	2.2	<DL	100	<DL	0.531	<DL	12100	0.115	0.102	599	1.11	14.6	1.63	99.1
0.259	25800	1270	<DL	18500	2.81	7.34	98.5	613	3.72	3.96	<DL	13.3	0.033	<DL	33.3	<DL	2.25	<DL	89.3	<DL	0.557	<DL	12200	0.115	0.169	620	1.16	15.4	1.74	106
0.271	27400	1370	<DL	18100	2.85	7.13	117	607	4.87	4.45	<DL	17.6	0.036	0.071	36.6	<DL	2.35	<DL	106	<DL	0.557	<DL	13000	0.138	0.52	668	1.19	16.4	1.85	105
0.245	25400	1510	<DL	17300	2.9	7.33	103	642	3.58	4.16	<DL	13.3	0.047	0.081	35	<DL	2.41	<DL	109	<DL	0.55	<DL	12800	0.124	0.106	644	1.08	15.2	1.71	109
0.239	23800	1210	19.5	22100	2.77	6.78	88.2	568	10.2	3.85	<DL	15.2	0.032	<DL	31.3	<DL	2.12	<DL	90.2	<DL	0.503	<DL	10600	0.122	0.331	463	1.14	14.5	1.62	87
0.287	24900	1120	18.3	20100	3.09	7.63	81.4	720	4.39	4.57	<DL	24.3	0.043	<DL	32.1	<DL	2.34	<DL	108	<DL	0.592	<DL	11000	0.167	0.201	415	1.32	17	1.92	85.3
0.307	24100	1210	3.14	21900	4.31	8.08	84.8	756	3.7	5.04	<DL	21.6	0.039	<DL	32.6	<DL	2.54	<DL	118	<DL	0.617	<DL	10400	0.129	0.112	401	1.47	18.7	2.04	89.8
0.29	10800	509	<DL	34100	8.9	49.2	39.9	1310	1.51	4.52	<DL	24.9	<DL	0.114	9.55	<DL	8.05	0.973	92.4	<DL	1.16	3.07	5100	0.13	0.673	108	1.26	17.6	1.9	87.6
0.206	14300	1350	3.58																											

41216	A14-1427-044	GMI14-2207	60500	1.56	<DL	54.8	0.864	0.839	52200	0.897	12.4	41.6	66.8	0.106	111	4.84	2.93	1.37	106000	20	4.04	0.082	2020	4.88	5.95
41217	A14-1427-045	GMI14-2208	59600	1.49	<DL	62.2	0.738	<DL	47200	0.815	12.6	43.3	61	0.072	82.1	4.78	2.88	1.37	110000	19.1	4.13	0.073	2300	4.77	5.53
41218	A14-1427-046	GMI14-2209	50300	1.84	<DL	64.1	0.758	0.313	44300	0.68	14.6	48.3	60.6	0.08	99.7	4.27	2.51	1.5	124000	21.2	4.1	0.107	4620	5.82	9.76
41219	A14-1427-047	GMI14-2210	56000	1.51	<DL	116	0.673	<DL	48700	0.628	19.9	45.8	59.1	0.145	125	4.91	2.89	1.78	114000	22.9	4.94	0.081	10700	8.3	14
41220	A14-1427-048	GMI14-2211	47800	2.11	<DL	99	0.774	<DL	36400	0.72	13.3	48.7	57	0.094	111	4.31	2.58	1.5	117000	21.6	4.01	0.087	7600	5.14	15.1
41221	A14-1427-049	GMI14-2212	53600	1.67	<DL	81	0.782	<DL	50800	0.671	12.4	43	54	0.135	82.2	4.5	2.76	1.41	109000	19.1	4.04	0.082	4270	4.97	11
41222	A14-1427-050	GMI14-2213	48900	1.83	<DL	53.7	0.732	0.387	59400	0.776	13.5	52.4	54.9	0.077	121	4.66	2.85	1.49	123000	20.9	4.07	0.083	3510	5.55	11.3
41223	A14-1427-051	GMI14-2214	57000	1.85	<DL	117	0.563	<DL	53000	0.735	14.6	47.7	56.5	0.186	110	4.75	2.84	1.68	116000	22.3	4.35	0.083	7090	5.66	13.9

0.388	12700	1220	<DL	42200	4.08	10.1	48.4	1330	14.2	5.82	<DL	4.69	0.038	<DL	35.6	<DL	3.17	0.711	85.8	<DL	0.798	<DL	13100	<DL	0.364	393	1.27	24.7	2.74	96.5
0.365	11300	1260	<DL	42300	4.15	10.5	50.4	1400	4.5	5.12	<DL	4.13	<DL	0.082	33.3	<DL	3.15	<DL	69.8	<DL	0.8	<DL	13700	<DL	0.137	409	1.05	22.7	2.57	104
0.304	10000	1220	<DL	27200	4.43	11.2	53.6	1490	3.49	4.74	<DL	5.08	0.036	<DL	26.6	<DL	3.29	<DL	99.1	<DL	0.755	<DL	14400	<DL	0.124	438	1.3	16.9	1.99	122
0.35	13800	1240	3.78	23400	4.39	14.9	52.9	1490	4.12	5.79	<DL	13.2	0.054	0.119	29.9	<DL	4.12	0.725	128	<DL	0.89	<DL	14200	0.089	0.111	416	1.5	20.4	2.42	106
0.288	15400	1590	<DL	21100	4.51	10.6	63.8	1500	3.24	4.68	<DL	9.88	0.034	0.097	25.6	<DL	3.32	<DL	90.3	<DL	0.764	<DL	15100	0.081	0.134	434	1.53	16.7	2.11	144
0.331	16500	1350	<DL	28200	4.21	10.3	52.6	1440	2.73	5.16	<DL	9.38	0.035	<DL	30.5	<DL	3.2	<DL	84.7	<DL	0.757	<DL	13700	0.078	0.115	392	1.14	20.4	2.38	123
0.325	17900	2050	3.73	19000	4.28	10.9	56.3	1480	5.03	6.09	<DL	3.98	0.064	0.119	27.9	<DL	3.42	<DL	136	<DL	0.793	<DL	14000	0.061	0.113	400	1.63	20.6	2.53	136
0.332	15500	1490	<DL	18900	4.27	11.4	54.6	1490	2.89	5.82	<DL	15.9	0.045	0.099	31.9	<DL	3.42	<DL	114	<DL	0.824	<DL	14100	0.112	0.091	419	1.21	20.8	2.47	120

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
41145	A14-1426-025	GMI14-2136	43200	1.42	<DL	61.9	0.257	<DL	42600	0.509	13.5	50.8	16.7	0.16	63.7	4.71	2.81	1.34	104000	17.9	4.24	0.055	5170	4.66	6.36
41145	A14-1426-025	GMI14-2136 DUP	45800	1.37	<DL	63.6	0.278	<DL	44900	0.506	13.8	51.1	16.6	0.192	64.1	4.91	2.88	1.4	107000	18.2	4.3	0.061	5290	4.77	6.81
41172	A14-1426-052	GMI14-2163	37500	1.33	<DL	119	0.274	1.05	29400	0.438	8.9	65.7	50.8	0.05	216	3.07	1.82	1.12	112000	21.4	2.82	<DL	3690	3.07	10.6
41172	A14-1426-052	GMI14-2163 DUP	37600	1.23	<DL	117	0.282	1.02	29000	0.44	8.78	63.6	49.2	0.056	206	3.07	1.83	1.08	110000	21.1	2.72	<DL	3650	2.99	10.6
41197	A14-1427-025	GMI14-2188	56700	1.5	<DL	109	0.478	0.588	51300	0.666	9.52	47.7	160	0.303	88.6	3.42	2.24	1.14	107000	21.1	2.96	<DL	10100	3.8	18.6
41197	A14-1427-025	GMI14-2188 DUP	51000	1.27	<DL	103	0.502	0.595	47300	0.618	8.93	46.1	151	0.223	87.3	3.22	2.04	1.08	102000	20.4	2.84	0.055	9590	3.6	16.2
41223	A14-1427-051	GMI14-2214	57000	1.85	<DL	117	0.563	<DL	53000	0.735	14.6	47.7	56.5	0.186	110	4.75	2.84	1.68	116000	22.3	4.35	0.083	7090	5.66	13.9
41223	A14-1427-051	GMI14-2214 DUP	52200	2.19	<DL	112	0.508	<DL	50000	0.579	13.4	45.9	54.7	0.163	107	4.43	2.6	1.55	112000	21.3	4.07	0.085	6940	5.4	12.3

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		Certified Values:		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2470	1.71							19500			225000				14200						
		CRM PTM-1a #2		2360	3.33							18600			216000				13300						
		CRM PTM-1a #3		2330	2.78							18300			211000				15400						
		CRM PTM-1a #4		2360	2.1							18400			213000				15300						
		Certified Values:	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	42400	3.58		360	0.366	1.99	22100	3.38	33.6	624	326	0.235	10200	1.41	0.785	1.33	232000	17.4	3.27		6470	16.1	
		CRM SU-1b #2	35800	5.19		338	0.233	2.63	19900	3.22	34.8	595	308	0.235	9780	1.36	0.751	1.42	215000	17.5	3.56		5930	15.7	
		CRM SU-1b #3	47900	6.98		350	0.539	2.16	24200	3.83	31.2	597	307	0.279	9890	1.4	0.819	1.52	264000	20.1	3.39		6970	16.1	
		CRM SU-1b #4	46700	9.93		330	0.57	3	23100	3.63	30.8	574	327	0.251	9740	1.39	0.757	1.51	257000	19.6	3.41		7010	15.6	
		Certified Values:	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	49000	18.5		114		28.5	21100	9.18		145	180	0.341	2090				187000	40.8		1.57	4790	7.08	10.3
		CRM RTS-3a #2	42400	19.1		110		29.2	19300	9.03		143	177	0.324	2070				176000	38.5		1.52	4490	6.82	7.67
		CRM RTS-3a #3	55800	20		111		30.1	23200	9.88		141	178	0.427	2020				211000	43.4		1.66	5090	7.2	14.7
		CRM RTS-3a #4	57500	22.4		111		30.6	22700	10.3		146	185	0.365	2090				218000	44.4		1.67	5430	7.23	14.6
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	51700	21.1		616	0.853		14900	1.49	89.9	30.6	72.4	1.56	38.8	4.62		2.58	35500				16900	44	15.2
		CRM LKSD-3 #2	51000	21.2		613	0.744		14500	1.45	90.8	30.5	71.7	1.96	40.7	4.62		2.72	34300				16500	44.2	13.6
		CRM LKSD-3 #3	68400	21.5		627	1.62		17000	1.87	82.8	30.4	73	1.95	39.9	4.6		2.8	41500				19700	45.8	26.7
		CRM LKSD-3 #4	67300	22.4		613	1.77		16000	2	80.5	30.8	73.8	1	42.5	4.34		2.84	41100				20300	43.9	24.6





**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		10.1	10.4		8.64	9.65		9.52	10.1			9.65		9.93	9.75	9.7		9.56	10	9.61		9.82	9.04
		Spike #4		9.89	10.6		5.21	9.45		8.53	10.7			9.14		9.77	9.45	9.82		8.76	10.3	8.74		9.25	5.32
		Spike #7		9.71	11.2		9.96	9.68		9.83	9.64			9.88		9.61	9.58	9.68		9.97	9.65	10		9.81	9.93
		Spike #10		10.2	10.7		9.95	9.87		9.8	9.81			9.94		9.67	9.61	9.73		9.87	9.99	9.9		9.79	9.69
		Actual Spike Values:					100					100	100		100										
		Spike #2					104					106	104		104										
		Spike #5					107					113	111		113										
		Spike #8					103					102	102		101										
		Spike #11					82.2					83.8	83.1		83.8										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10000						10300										10300				10500		
		Spike #6	8820						9750										10100				9700		
		Spike #9	10700						10600										10900				10600		
		Spike #12	11200						10500										11000				11000		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-028

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

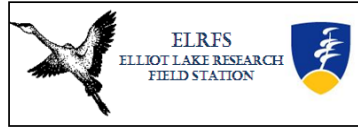
**Client Contact Information:**

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Phone: 705-529-3087 (Mobile)

**Batch: 14-1428 (50) & 14-1464 (52)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willitt Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 50 + 52  
Dates Analysed/ Analyst: Dec 11, 2014 - Feb 9, 2015 / Troy Maki  
Submission Date: 2015 02 16

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.04	mg/Kg 0.03	mg/Kg 0.04	mg/Kg 0.4	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03
41224	A14-1428-001	GMI14-2215	71100	6.91	1.3	281	0.899	0.337	38800	0.37	108	19.4	51.9	0.354	18.2	3.45	2.13	2.03	44100	25.3	8.98	<DL	9060	50.5	36.4
41225	A14-1428-002	GMI14-2216	56700	2320	3.45	687	1.01	<DL	50800	1.13	32	33.5	157	5.28	172	4.99	2.87	2.76	138000	31.3	6.23	0.055	5310	20.9	9.31
41226	A14-1428-003	GMI14-2217	64700	2.8	<DL	74.4	0.56	<DL	61000	0.627	23.1	53.4	79.5	0.221	112	5.73	3.47	1.73	115000	21.4	5.35	<DL	4290	9.06	16
41227	A14-1428-004	GMI14-2218	54700	1.76	<DL	87.4	0.53	<DL	56200	0.558	15.8	48	63.1	0.275	75.3	5.33	3.07	1.6	112000	20.4	4.61	0.064	5550	6.03	12.4
41228	A14-1428-005	GMI14-2219	57400	2.36	<DL	64	0.548	<DL	58800	0.61	16.9	50.9	66.1	0.226	90.5	5.32	3.24	1.66	120000	21.3	4.78	0.069	4990	6.55	13.6
41229	A14-1428-006	GMI14-2220	58400	1.73	<DL	66.8	0.534	<DL	60300	0.704	17.9	46.8	72.3	0.253	84.6	5.63	3.44	1.67	118000	20.8	4.88	0.062	5750	7.05	9.08
41230	A14-1428-007	GMI14-2221	57200	1.57	<DL	60	0.501	<DL	57600	0.663	17.8	46.1	58.1	0.263	82.9	5.48	3.4	1.64	116000	20.3	4.79	0.065	6070	6.83	7.97
41231	A14-1428-008	GMI14-2222	59100	1.64	<DL	88.4	0.455	<DL	60200	0.673	15.4	47	75.9	0.355	82.8	5.39	3.35	1.63	114000	21.2	4.78	0.06	6110	5.84	10.4
41232	A14-1428-009	GMI14-2223	55300	1.97	<DL	58.9	0.464	<DL	65200	0.559	15.3	49.3	73.3	0.161	66.4	5.07	3.18	1.51	113000	20.1	4.52	0.057	3990	5.82	7.92
41233	A14-1428-010	GMI14-2224	61400	1.66	<DL	88.6	0.405	<DL	64800	0.645	15.1	48.1	75.6	0.356	72	5.51	3.51	1.69	115000	20.8	4.62	<DL	5340	5.44	13.5
41234	A14-1428-011	GMI14-2225	52800	1	<DL	121	0.433	<DL	57800	0.601	15.3	47.8	63.3	0.177	81.8	5.13	3.16	1.68	112000	21.3	4.57	0.054	6410	5.66	8.97
41235	A14-1428-012	GMI14-2226	49600	1.7	<DL	62.5	0.46	1.22	46900	0.886	16.1	54.3	56	0.112	104	4.64	2.78	1.49	108000	18.6	4.41	<DL	11200	6.21	13.8
41236	A14-1428-013	GMI14-2227	43900	2.59	<DL	30.3	0.44	0.314	56100	0.53	13.3	50.6	50.1	0.073	225	4.53	2.78	1.28	140000	18.1	4.12	0.057	2840	4.82	9.85
41237	A14-1428-014	GMI14-2228	43900	1.46	<DL	50.9	0.503	<DL	41700	0.525	15.3	47.9	62.7	0.05	106	4.48	2.58	1.46	113000	19.1	4.27	0.06	4930	5.59	13.1
41238	A14-1428-015	GMI14-2229	34300	1.9	<DL	131	0.548	<DL	39600	0.348	20.9	39.7	51.3	0.085	61.3	4.35	2.61	1.63	94200	17.8	4.66	0.063	6550	9.01	31.3
41239	A14-1428-016	GMI14-2230	47300	1.37	<DL	83.6	0.516	<DL	50500	0.48	17.8	46.2	64.8	0.073	79.5	4.88	2.93	1.66	108000	19.7	4.73	0.067	3850	6.76	14.4
41240	A14-1428-017	GMI14-2231	45200	1.52	<DL	42.2	0.483	<DL	38300	0.506	13.7	41.3	57.2	0.075	70.8	4.41	2.59	1.32	98200	16.6	4.02	0.062	4210	4.97	10.5
41241	A14-1428-018	GMI14-2232	41000	1.43	<DL	35.1	0.496	<DL	30700	0.476	14.3	44.3	51.1	0.048	92.1	4.04	2.34	1.31	103000	17.9	4	0.054	3480	5.05	16.4
41242	A14-1428-019	GMI14-2233	45900	1.1	<DL	65.6	0.56	<DL	37700	0.555	14.8	45.1	56.4	0.097	69.3	4.69	2.7	1.5	107000	19	4.45	0.073	4840	5.25	11.8
41243	A14-1428-020	GMI14-2234	34800	1.42	<DL	65	0.541	<DL	35200	0.548	13.8	45.9	55.4	0.047	104	3.97	2.32	1.36	105000	18.4	3.9	0.055	5210	5.38	20.7
41244	A14-1428-021	GMI14-2235	35300	2.01	<DL	23.9	0.648	<DL	20000	0.443	16.3	51.1	66.9	0.041	72.2	4.06	2.19	1.35	119000	17.9	4.13	0.06	4760	6.54	64.4
41245	A14-1428-022	GMI14-2236	31900	1.11	<DL	34.1	0.413	<DL	29000	0.372	11.2	39.4	56.6	0.079	67.3	3.9	2.3	1.12	103000	14.8	3.47	<DL	6140	4.13	21.8
41246	A14-1428-023	GMI14-2237	35900	1.68	<DL	46.3	0.584	<DL	23100	0.359	16.1	44.5	60.1	<DL	107	4.15	2.39	1.34	108000	17.1	4.09	0.056	5330	6.58	35.7
41247	A14-1428-024	GMI14-2238	32600	1.27	<DL	55	0.476	<DL	45800	0.462	17.7	42.9	63.7	0.056	68	4.01	2.47	1.42	97400	17.7	4.17	0.055	3240	7.38	27.3
41248	A14-1428-025	GMI14-2239	48300	1.55	<DL	78.3	0.413	<DL	52600	0.576	16.1	45.9	72	0.094	85.3	5.02	2.89	1.59	109000	20.2	4.51	0.065	4370	6.01	7.28
41249	A14-1428-026	GMI14-2240	59000	8.24	<DL	344	0.565	<DL	50700	0.338	128	17.2	41	0.363	12.7	3.71	2.26	2.51	36400	25.8	10.9	<DL	8860	50.2	30.7
41250	A14-1428-027	GMI14-2241	48400	472	1.52	477	1.21	<DL	30400	1.28	35.6	32.4	169	1.06	82.2	3.81	2.02	2.32	73300	31.4	5.38	0.056	13200	16.9	11.6
41501	A14-1428-028	GMI14-2242	46500	1.66	<DL	49.7	0.329	<DL	53600	0.565	18.9	42.2	70.4	0.115	81.7	5	3.04	1.47	99800	19.2	4.8	0.064	2950	6.9	7.21
41502	A14-1428-029	GMI14-2243	46900	1.87	<DL	48.1	0.363	<DL	56200	0.602	19.5	45.4	61.8	0.087	89.1	4.99	3.12	1.45	107000	19.2	4.8	0.07	3530	6.98	7.87
41503	A14-1428-030	GMI14-2244	44100	1.56	<DL	48.2	0.418	<DL	45100	0.593	17.2	46.8	66.7	0.137	76.9	4.9	2.9	1.54	105000	18.1	4.7	0.059	4540	6.14	9.78
41504	A14-1428-031	GMI14-2245	35800	1.48	<DL	44	0.469	<DL	24900	0.505	12.9	44.4	56.5	0.096	81.3	3.94	2.27	1.2	94300	17.2	3.74	0.057	7970	4.57	19.6
41505	A14-1428-032	GMI14-2246	37900	1.06	<DL	71.3	0.43	0.44	37700	0.541	13.3	48.5	61.8	0.129	75.6	3.95	2.24	1.25	99300	19.4	3.68	0.057	8670	4.88	12
41506	A14-1428-033	GMI14-2247	37300	2.36	<DL	153	0.443	<DL	45500	0.492	15	41.8	55	0.122	75.2	3.97	2.41	1.41	98800	19.4	3.97	<DL	11400	6.2	26.3
41507	A14-1428-034	GMI14-2248	44200	1.61	<DL	81.2	0.399	<DL	51900	0.491	17.1	51.1	67.7	0.082	107	4.92	2.93	1.6	117000	20.3	4.73	0.074	4660	6.22	8.38
41508	A14-1428-035	GMI14-2249	46700	1.6	<DL	136	0.396	<DL	53200	0.537	17.7	49.9	73.7	0.104	105	5.05	3.02	1.75	119000	21.7	4.8	0.074	5740	6.4	9.31

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.27	9420	525	<DL	35600	10.6	45.9	31.3	1230	1.51	3.28	<DL	18.4	<DL	0.124	9.84	<DL	7.05	1.17	90.5	9.89	0.908	3.76	4900	0.085	0.605	94.1	2.28	15.2	1.67	82.9	
0.338	29400	4690	4.48	12900	15.8	21.7	109	2850	8.22	7.26	<DL	17.2	0.072	2.28	15.4	4.3	5.28	1.57	233	4	0.964	5.02	6440	0.11	1.65	152	2.92	26.1	2.36	168	
0.445	18200	1630	<DL	22700	4.97	15.7	56.2	1260	3.55	6.1	<DL	10.5	0.042	0.084	40.1	0.837	4.4	0.828	168	<DL	0.978	0.766	14300	0.066	0.141	450	2.26	27.1	3.17	112	
0.41	18400	1800	<DL	16400	4.74	12.4	54.5	1200	2.31	5.03	<DL	13.2	<DL	<DL	34.1	0.624	3.69	<DL	118	<DL	0.859	<DL	14100	0.091	0.116	432	2.03	23.5	2.76	128	
0.394	16700	1610	5.95	17300	4.84	12.9	55	1270	3.64	5.97	<DL	11.2	0.056	<DL	35.3	1.32	3.91	0.729	185	<DL	0.897	<DL	14900	0.085	0.131	450	1.81	23.1	2.82	124	
0.427	16600	1400	3.11	23900	4.86	13.5	53	1290	3.94	6.2	<DL	15.5	0.046	0.074	36.6	0.763	4.11	0.727	176	<DL	0.931	<DL	14800	0.09	0.147	439	1.8	25.7	2.95	102	
0.445	17400	1330	<DL	24500	4.87	13.3	50.5	1270	3.75	6.43	<DL	14.8	0.053	0.082	36.5	<DL	3.98	0.765	185	<DL	0.904	<DL	14300	0.078	0.174	417	1.65	25.6	3.01	101	
0.436	18800	1570	<DL	18900	4.63	12.4	54	1220	3.26	6.34	<DL	18.7	0.049	0.078	38.2	0.812	3.9	<DL	175	<DL	0.908	<DL	14200	0.106	0.103	428	1.42	26.1	3.05	109	
0.394	17700	1600	<DL	17600	4.46	12.1	58.1	1160	4.65	6.95	<DL	10	0.071	0.134	34.5	0.677	3.68	<DL	230	<DL	0.858	<DL	14100	<DL	0.095	428	1.67	23.8	2.75	104	
0.445	24300	1730	<DL	14800	4.35	12	56	1150	2.7	6.55	<DL	17.6	0.048	<DL	41.3	1.08	3.82	<DL	170	<DL	0.899	<DL	14200	0.075	0.092	444	1.58	28	3.25	109	
0.369	17000	1690	6.2	16200	4.55	12.1	55	1170	3.23	5.46	<DL	14.3	0.032	0.071	34.1	<DL	3.87	<DL	145	<DL	0.885	<DL	14700	0.084	0.087	442	1.82	22.5	2.8	108	
0.323	17800	1270	95	19400	4.08	12.5	49	1020	7.48	4.54	<DL	8.95	<DL	0.116	30.4	1.86	3.65	<DL	129	<DL	0.792	<DL	12900	<DL	0.153	373	2.06	19.6	2.37	97.6	
0.346	16900	1740	9.83	13700	4.04	10.6	48.5	1090	3.09	4.18	<DL	2.81	<DL	<DL	27.9	2.75	3.37	0.755	106	<DL	0.759	<DL	12800	<DL	0.084	385	1.61	19.6	2.45	133	
0.283	13900	1650	4.13	14800	4.63	11.5	50.6	1200	2.33	3.7	<DL	4.12	<DL	<DL	25.5	0.657	3.66	0.727	106	<DL	0.768	<DL	14800	<DL	0.085	425	1.7	15.5	2.13	124	
0.278	27400	1460	<DL	7640	3.64	14.2	42.8	924	2.98	3.64	<DL	3.13	<DL	<DL	20.3	0.602	3.8	<DL	72.8	<DL	0.769	<DL	11300	<DL	0.107	330	1.77	17.3	2.07	124	
0.331	15900	1620	3.24	15200	4.53	13.2	56	1200	2.47	4.47	<DL	5.42	<DL	<DL	29.3	1.29	3.92	0.798	107	<DL	0.86	<DL	14300	<DL	0.097	423	1.75	19.8	2.54	123	
0.306	13500	1220	<DL	25600	4.3	11	47.3	1090	1.81	3.41	<DL	5.06	<DL	<DL	26.6	<DL	3.46	0.723	58.7	<DL	0.742	<DL	13500	<DL	0.095	402	1.36	17.3	2.24	107	
0.246	14000	1100	<DL	21200	4.44	11.1	49.3	1110	2.06	2.96	<DL	3.38	<DL	<DL	21.7	1.36	3.42	0.721	58.5	<DL	0.706	<DL	14000	<DL	0.113	408	1.65	14.4	1.91	112	
0.31	12700	1130	<DL	24800	4.8	11.7	49.3	1200	2.56	3.74	<DL	8.29	<DL	0.074	27.3	0.826	3.66	0.879	77.7	<DL	0.812	<DL	14800	<DL	0.102	433	2.97	17.5	2.35	107	
0.273	16400	1210	9.2	15300	4.33	10.6	50.3	1050	3.2	3.17	<DL	5.06	<DL	<DL	19.4	1.28	3.3	<DL	68.5	<DL	0.71	<DL	13600	<DL	0.282	393	3.31	15	1.95	121	
0.207	28000	1460	6.2	2840	4.34	12.4	54.3	1010	2.21	2.53	<DL	0.483	<DL	<DL	20.9	1.26	3.56	0.701	48.5	<DL	0.713	<DL	13500	<DL	0.134	395	1.67	12.7	1.69	162	
0.254	20300	952	3.27	12900	3.57	8.98	58.4	828	2.63	2.71	<DL	2.86	<DL	<DL	17.8	<DL	2.96	<DL	38.5	<DL	0.651	<DL	11100	<DL	0.149	364	1.6	14.8	1.89	98.5	
0.264	20100	1070	5.85	9530	4.25	11.7	50.8	1000	2.62	2.82	<DL	2.11	<DL	<DL	19	<DL	3.56	0.809	37.7	<DL	0.739	<DL	13100	<DL	0.115	409	1.65	15.7	1.96	125	
0.251	20800	1370	4.44	6900	3.86	12.4	47.7	878	2.31	3.62	<DL	2.06	<DL	<DL	19.7	<DL	3.45	<DL	70.6	<DL	0.732	<DL	11900	<DL	0.078	381	1.18	15.9	2.01	118	
0.355	12700	1550	<DL	17700	4.46	12.2	52.3	1030	2.46	4.96	<DL	8.72	<DL	<DL	31.8	<DL	3.78	0.731	130	<DL	0.849	<DL	13800	<DL	0.093	468	1.24	19.9	2.53	92.9	
0.266	10200	428	<DL	30600	9.66	53.2	31.8	1050	1.45	3.66	<DL	15.3	<DL	0.138	7.19	0.692	8.06	1.14	83.5	2.45	1.04	3.61	3960	0.075	0.797	70.9	1.28	14.7	1.73	76.8	
0.218	13200	1350	4.03	9710	20	18.8	113	1660	24.6	5.41	0.083	28	0.074	1.19	11.1	0.815	4.42	4.03	194	2.22	0.753	4.09	7430	0.264	1.55	127	2.9	14.2	1.56	132	
0.361	12500	1530	<DL	15600	4.51	13.2	50.3	1000	4.13	5.28	<DL	5.93	<DL	<DL	30.8	<DL	3.91	0.77	121	<DL	0.847	<DL	12800	<DL	0.098	432	1.55	21	2.57	87.8	
0.375	14600	1390	5.62	16700	4.45	13.1	52.9	1010	3.11	5.56	<DL	4.69	0.032	0.096	31.1	0.686	3.91	0.8	136	<DL	0.853	<DL	12800	<DL	0.104	429	1.52	21.9	2.72	90	
0.334	13700	1290	<DL	18100	4.59	12.6	53.1	1060	2.84	4.91	<DL	9.11	<DL	0.073	29.4	<DL	3.93	0.82	115	<DL	0.827	<DL	13500	<DL	0.092	436	1.42	19.6	2.59	100	
0.242	14000	1060	<DL	14300	4.55	9.93	47.4	981	2.15	3.05	<DL	6.96	<DL	<DL	19.6	0.894	3.23	0.762	57.5	<DL	0.673	<DL	13000	<DL	0.111	411	1.55	13.9	1.8	113	
0.263	14500	1150	11.4	14800	4.17	9.95	46.5	902	5.87	3.76	<DL	10.4	<DL	0.078	22.3	1.08	3.04	0.779	85.9	<DL	0.666	<DL	11900	0.068	0.152	376	1.39	14.9	1.88	89.2	
0.284	20700	1200	<DL	8250	3.74	10.7	46.8	821	3.98	3.82	<DL	8.62	<DL	<DL	23.1	1.16	3.1	<DL	73.4	<DL	0.68	<DL	11000	0.074	0.12	355	1.33	16.6	2.08	102	
0.348	13900	1530	<DL	15200	4.47	12.5	57.7	1050	3.14	5.15	<DL	6.08	0.036	<DL	30	0.861	3.87	0.865	122	<DL	0.824	<DL	13300	<DL	0.105	439	1.3	19.8	2.62	107	
0.33	13000	1780	<DL	13500	4.76	13.2	58.3	1100	2.55	4.74	<DL	8.84	<DL	<DL	31.4	<DL	4.04	0.806	103	<DL	0.864	<DL	14300	0.069	0.095	458	1.53	19.9	2.42	116	

41509	A14-1428-036	GMI14-2250	47000	1.68	<DL	82.9	0.344	<DL	59600	0.505	16.5	50.4	72.8	0.088	142	4.61	2.86	1.49	109000	21	4.3	0.063	3790	6.14	12.1
41510	A14-1428-037	GMI14-2251	45000	2.28	<DL	103	0.358	<DL	60200	0.478	16.6	43	62.9	0.111	114	4.77	2.93	1.63	107000	20.3	4.53	0.058	4580	6.08	9.52
41511	A14-1428-038	GMI14-2252	39400	2.14	<DL	113	0.446	<DL	40600	0.44	15.5	49.8	69.7	0.093	113	4.53	2.62	1.73	117000	20.5	4.48	0.069	4230	5.58	15.7
41512	A14-1428-039	GMI14-2253	43100	2.52	<DL	71.9	0.419	<DL	43400	0.469	15.6	49.6	71	0.16	115	4.8	2.81	1.63	106000	18.9	4.56	0.052	4660	5.43	10.1
41513	A14-1428-040	GMI14-2254	44400	2.43	<DL	56.8	0.328	0.305	63100	0.676	15.6	44.7	72.5	0.077	92.5	4.59	2.8	1.43	108000	18.5	4.28	0.067	2620	5.9	7.52
41514	A14-1428-041	GMI14-2255	49200	1.83	<DL	100	0.327	0.377	58600	0.729	16.3	50.2	74.4	0.091	105	5.09	3.14	1.64	112000	20.3	4.74	0.065	3690	6.09	11.9
41515	A14-1428-042	GMI14-2256	52000	1.71	<DL	74.2	0.295	<DL	64900	0.723	16.1	44	74.8	0.132	78.1	5.09	3.14	1.62	97200	22	4.74	0.059	3550	6.02	7.14
41516	A14-1428-043	GMI14-2257	51600	1.7	<DL	83.7	0.317	<DL	51300	0.646	16	47	70.7	0.28	81.1	4.97	3.05	1.57	101000	20.1	4.66	0.059	5450	5.66	7.27
41517	A14-1428-044	GMI14-2258	50600	1.88	<DL	76.8	0.316	<DL	57100	0.697	16.7	46.1	65.9	0.12	70.4	5.14	3.22	1.54	95900	18.9	4.75	<DL	3890	6.05	6.68
41518	A14-1428-045	GMI14-2259	45600	1.73	<DL	116	0.336	<DL	51600	0.527	18.7	47.6	70.3	0.084	84.1	5.02	3.03	1.77	114000	21.3	4.89	0.062	4570	6.87	13.7
41519	A14-1428-046	GMI14-2260	36700	1.35	<DL	101	0.384	<DL	49900	0.573	18.8	43.7	63.8	0.078	72.1	4.63	2.78	1.64	104000	18.5	4.88	0.064	4690	6.9	5.33
41520	A14-1428-047	GMI14-2261	35900	1.61	<DL	99.9	0.34	<DL	46800	0.538	18.5	42.8	61	0.096	79	4.49	2.63	1.58	97400	18.2	4.66	0.064	6220	7.1	5.48
41521	A14-1428-048	GMI14-2262	39600	1.84	<DL	122	0.379	<DL	54400	0.61	16	46.6	69.3	0.134	81.4	4.58	2.7	1.64	104000	20.8	4.47	0.074	5880	5.88	3.24
41522	A14-1428-049	GMI14-2263	34400	1.12	<DL	134	0.292	<DL	43300	0.525	14.5	48.6	55.1	0.074	92.9	4.27	2.47	1.63	102000	19.7	4.14	0.064	5450	5.05	6.51
41523	A14-1428-050	GMI14-2264	35100	0.916	<DL	134	0.29	<DL	48400	0.553	14.6	42.5	57.6	0.118	69.6	4.41	2.54	1.6	99800	19.8	4.26	0.073	5650	5.21	5.33
41576	A14-1464-001	GMI14-2265	44900	2.31	1.41	119	0.625	6.25	27800	2.27	11.2	54.7	83.7	0.472	129	3.65	2.14	1.37	120000	19.4	3.37	0.05	12100	4.44	15.8
41577	A14-1464-002	GMI14-2266	50600	1.43	0.707	100	0.778	7.98	27500	1.08	11.3	51.5	80.7	0.4	126	3.78	2.27	1.31	105000	22.3	3.29	<DL	5640	4.61	8.72
41578	A14-1464-003	GMI14-2267	48200	1.88	0.598	249	0.706	0.423	56400	0.775	15.6	55.8	71.7	0.28	83.4	4.4	2.56	1.9	130000	27.6	4.13	0.083	7930	6.39	7.43
41579	A14-1464-004	GMI14-2268	46900	1.45	0.505	241	0.685	<DL	59400	0.607	14.8	55.2	69.9	0.294	128	4.07	2.52	1.76	123000	26.8	3.9	0.073	10400	5.94	8.14
41580	A14-1464-005	GMI14-2269	46900	1.38	<DL	200	0.716	<DL	50100	0.603	16.9	44.9	67.5	0.24	84.2	4.17	2.41	1.75	112000	23.9	3.96	0.067	8790	6.95	8.54
41581	A14-1464-006	GMI14-2270	49000	1.4	<DL	205	0.595	<DL	51000	0.566	14.2	48.9	68.1	0.283	101	4.54	2.7	1.75	116000	23.8	4	0.064	10500	5.78	9.11
41582	A14-1464-007	GMI14-2271	51700	1.39	<DL	194	0.675	<DL	53400	0.584	12.9	46.6	62.1	0.272	104	4.35	2.58	1.65	115000	23.6	3.84	0.056	5480	4.98	10.7
41583	A14-1464-008	GMI14-2272	46700	1.31	<DL	137	0.609	0.614	37700	0.617	10.4	45.9	68.5	0.194	96.4	3.78	2.18	1.37	109000	21.7	3.29	0.05	6440	3.99	12.3
41584	A14-1464-009	GMI14-2273	51900	1.12	<DL	194	0.664	0.498	58500	0.683	13	44.2	77.5	0.329	103	4.32	2.7	1.6	109000	25.8	3.71	0.057	8130	5.39	6.62
41585	A14-1464-010	GMI14-2274	49000	1.26	<DL	270	0.68	0.835	59400	0.635	13	46.2	74.1	0.28	105	4.39	2.7	1.81	112000	27.2	3.87	0.059	6920	5.44	5.78
41586	A14-1464-011	GMI14-2275	61700	1.63	<DL	559	2.34	0.309	56000	1.33	65.5	30.4	53.3	0.174	77.5	2.8	1.66	2.73	69900	36.6	6.7	<DL	7170	34.1	4.31
41587	A14-1464-012	GMI14-2276	62300	1.25	<DL	226	2.01	0.328	49000	1.47	69	30.6	42.5	0.115	73	2.67	1.6	2.04	62200	26.8	7.15	<DL	3250	34.2	5.66
41588	A14-1464-013	GMI14-2277	49500	1.21	<DL	186	0.911	<DL	42900	0.617	13.7	44.3	62.7	0.142	71.2	4.31	2.69	1.62	108000	23.5	3.91	0.061	4380	5.68	4.76
41589	A14-1464-014	GMI14-2278	50300	1.65	<DL	194	0.565	<DL	59500	0.692	13.3	48.4	98	0.176	95.2	4.52	2.75	1.74	126000	24	4.04	0.063	6550	5.25	5.7
41590	A14-1464-015	GMI14-2279	49600	1.2	<DL	173	0.567	0.337	61000	0.605	13.6	49.4	99.7	0.22	84.2	4.63	2.84	1.7	120000	24	4.13	0.062	6450	5.36	4.93
41591	A14-1464-016	GMI14-2280	47900	1.42	<DL	180	0.485	<DL	56500	0.569	13.5	46	67	0.211	84	4.55	2.76	1.77	117000	24	4.11	0.067	7670	5.14	6.5
41592	A14-1464-017	GMI14-2281	46700	1.11	<DL	151	0.55	<DL	50000	0.597	13.7	48	66.5	0.141	94.9	4.44	2.59	1.6	111000	21.6	4.07	0.058	6980	5.41	5.76
41593	A14-1464-018	GMI14-2282	48900	1.16	<DL	141	0.553	<DL	56200	0.712	14.2	57.5	76.4	0.099	102	4.86	2.88	1.76	123000	23.5	4.32	0.054	5110	5.5	6.5
41594	A14-1464-019	GMI14-2283	46400	1.63	<DL	115	0.497	<DL	50600	0.675	13.1	45.9	74.5	0.12	73.9	4.46	2.66	1.47	111000	20.4	4.11	0.06	4950	5.06	5.48
41595	A14-1464-020	GMI14-2284	45700	1.5	<DL	148	0.517	<DL	57700	0.634	13.4	42.9	68.5	0.092	83.4	4.32	2.49	1.62	116000	23.2	3.82	0.068	6060	5.31	5.18
41596	A14-1464-021	GMI14-2285	44700	1.12	<DL	166	0.551	<DL	46400	0.701	12.5	50.3	61.8	0.073	148	4.2	2.46	1.62	120000	22.8	3.9	0.071	6750	4.82	8.77
41597	A14-1464-022	GMI14-2286	50600	1.75	<DL	124	0.537	<DL	58000	0.737	12.9	49.4	64.9	0.148	110	4.83	2.93	1.59	116000	22.1	4.06	0.051	5570	4.84	5.91
41598	A14-1464-023	GMI14-2287	50700	1.71	<DL	95.6	0.488	<DL	62200	0.703	13	50.8	78.6	0.22	101	4.7	2.93	1.56	117000	21.5	4	0.061	6040	4.96	5.02
41599	A14-1464-024	GMI14-2288	59800	14.4	<DL	221	0.88	<DL	12000	0.388	135	18.3	60.6	0.083	12.5	2.47	1.52	2	48700	24.1	10	<DL	6320	54.2	38.1
41600	A14-1464-025	GMI14-2289	52700	480	1.58	509	1.56	<DL	32300	1.49	32.1	35.7	192	0.825	88.6	3.56	1.94	2.39	81000	34.3	5.07	0.059	14800	17.1	12.4
41601	A14-1464-026	GMI14-2290	46500	1.9	0.604	77.3	0.572	<DL	62100	0.671	14.8	52.2	102	0.21	109	4.49	2.67	1.52	126000	22.1	4.09	0.076	4710	5.91	6.29
41602	A14-1464-027	GMI14-2291	47300	1.1	<DL	120	0.559	<DL	55800	0.732	13	46.3	69	0.23	111	4.44	2.6	1.57	117000	22.4	3.94	0.068	5870	5.05	5.35
41603	A14-1464-028	GMI14-2292	45400	1.55	<DL	193	0.513	<DL	58300	0.695	13.7	46.5	75	0.217	83.2	4.54	2.78	1.82	120000	24.3	4.13	0.073	6160	5.4	6.83
41604	A14-1464-029	GMI14-2293	45500	1.49	<DL	207	0.511	0.392	56800	0.696	14.1	48.4	62	0.157	87.9	4.48	2.64	1.8	129000	26.7	4.14	0.092	6400	5.33	9.94
41605	A14-1464-030	GMI14-2294	45400	1.69	<DL	215	0.479	<DL	48600	0.76	12.7	42.7	57.6	0.163	63.7	4.24	2.6	1.74	110000	23.2	3.88	0.067	7140	4.82	5.81
41606	A14-1464-031	GMI14-2295	48400	1.73	<DL	164	0.512	<DL	52500	0.752	13	47.3	61.1	0.2	101	4.66	2.85	1.66	115000	23.5	4.05	0.068	6240	5.05	5.38
41607	A14-1464-032	GMI14-2296	42300	1.99	<DL	121	0.483	<DL	53600	0.652	12.7	45.4	64.6	0.121	97	4.1	2.41	1.51	119000	21.3	3.79	0.059	5730	4.81	5.75
41608	A14-1464-033	GMI14-2297	42000	1.62	<DL	130	0.449	<DL	53000	0.631	13.3	50.2	72.9	0.088	106	4.28	2.48	1.63	123000	22.1	3.97	0.075	4920	5.18	6.87
41609	A14-1464-034	GMI14-2298	40800	1.13	<DL	128	0.499	0.397	59800	0.696	12.4	48.9	58.2	0.078	148	4.17	2.48	1.59	12700						

0.347	15500	1620	<DL	8390	4	11.7	54.1	876	2.58	5.33	<DL	4.21	0.035	0.074	31.2	0.633	3.48	0.741	130	<DL	0.76	<DL	11800	<DL	0.08	408	1.41	20.2	2.39	102
0.343	15200	1570	<DL	8900	3.97	12	52.9	929	2.47	5.13	<DL	5.84	<DL	<DL	30.5	0.904	3.62	<DL	106	<DL	0.814	<DL	11900	<DL	0.078	397	1.25	21.2	2.56	103
0.287	15300	1920	<DL	10300	4.61	11.8	55.7	986	2.14	3.9	<DL	4.48	<DL	<DL	26.6	0.88	3.74	0.768	76	<DL	0.816	<DL	13600	<DL	0.089	429	1.56	17	2.05	134
0.297	12900	1510	<DL	13600	4.34	12	57.2	963	2.67	4.46	<DL	11.6	<DL	<DL	28.9	0.992	3.84	0.776	97.8	<DL	0.821	<DL	13000	0.084	0.095	430	1.58	18.2	2.36	119
0.344	14500	1540	9.29	12800	4.07	11.5	57.2	933	4.03	6.74	<DL	3.51	0.078	<DL	29.9	<DL	3.53	0.783	208	<DL	0.797	<DL	12200	<DL	0.083	420	1.03	19.5	2.46	111
0.382	16800	1710	7.92	13300	4.62	12.6	59.9	1060	3.25	6.72	<DL	5.26	0.07	<DL	34	0.854	3.84	0.843	194	<DL	0.86	<DL	13500	<DL	0.094	442	1.38	21.9	2.75	127
0.37	16000	1390	8.86	15100	4.51	12.6	55.8	1020	3.16	7.86	<DL	8.27	0.096	0.082	36.2	0.837	3.86	0.764	228	<DL	0.864	<DL	13100	<DL	0.093	449	1.15	23.5	2.7	101
0.372	16000	1460	<DL	19000	4.32	12.1	57.2	975	2.78	5.7	<DL	16.9	0.035	<DL	36.6	0.827	3.88	0.7	134	<DL	0.879	<DL	12900	0.088	0.086	453	1.39	22.3	2.78	105
0.401	18900	1270	<DL	21600	4.16	12	53.8	927	3.75	6.45	<DL	7.87	0.048	<DL	36.2	1.12	3.73	0.705	154	<DL	0.848	<DL	12000	<DL	0.096	402	1.14	25	2.97	101
0.367	17000	1700	<DL	12300	4.36	13.3	58.2	971	3.35	5.53	<DL	5.76	0.031	<DL	33	1.14	3.97	0.743	120	<DL	0.85	<DL	13100	<DL	0.092	435	1.15	21.9	2.77	128
0.314	11700	1610	3.73	16900	4.33	13.2	54.5	965	3.43	4.36	<DL	6.03	<DL	<DL	25.2	0.608	3.92	0.774	88.7	<DL	0.82	<DL	12600	<DL	0.098	399	1.08	17.7	2.32	119
0.306	10400	1550	<DL	15400	4.1	13	55.6	923	2.58	4.28	<DL	9.15	<DL	<DL	23.9	<DL	3.92	0.752	103	<DL	0.782	<DL	11900	<DL	0.119	387	0.937	16.7	2.23	113
0.314	10900	1630	<DL	16800	4.45	12.3	57	1070	3.69	4.9	<DL	13.2	0.044	<DL	25.7	0.69	3.81	0.854	136	<DL	0.803	<DL	13300	0.084	0.18	415	0.959	17.7	2.29	118
0.275	11300	1690	<DL	11900	4.37	11.3	51.5	1060	3.92	4.13	<DL	8.21	<DL	<DL	22	0.693	3.59	0.744	105	<DL	0.737	<DL	12900	<DL	0.105	373	0.927	15.6	2.06	119
0.29	10700	1760	<DL	9550	4.27	11.5	51.7	1030	2.9	4.2	<DL	10.2	<DL	<DL	22.5	<DL	3.6	0.755	93	<DL	0.763	<DL	12700	0.076	0.101	371	<DL	16.1	2.15	116
0.25	12900	1110	328	20200	5.53	9.13	45.4	1110	68.6	3.02	<DL	6.67	<DL	<DL	23.1	3.04	2.89	0.839	59.9	8.26	0.634	<DL	12300	0.095	0.119	350	5.5	14.7	1.77	104
0.269	10000	989	105	33700	4.47	9.26	44.7	1160	280	3.26	<DL	6.35	<DL	<DL	25.9	2.34	2.89	<DL	64.3	2.3	0.651	<DL	12800	0.074	0.237	350	5.03	15.8	1.94	91.8
0.293	14700	1830	10.5	20100	4.97	11.7	60	1460	11	5.16	<DL	10	0.064	0.114	26.5	1.3	3.53	0.726	173	<DL	0.766	<DL	15900	0.098	0.238	457	2.37	16.8	2.13	142
0.295	15300	1660	5.55	15200	4.42	11.1	53.2	1320	5.42	5.12	<DL	14.5	0.061	0.107	26.1	0.711	3.43	0.743	169	<DL	0.724	<DL	14400	0.117	0.127	428	1.91	16	2.07	114
0.277	12300	1540	3.78	17600	4.66	12	50.6	1320	4.21	4.76	<DL	12.8	0.049	<DL	24.4	<DL	3.52	0.701	143	<DL	0.754	<DL	13700	0.107	0.168	413	1.65	15.6	2.01	113
0.328	15700	1710	4.91	17300	4.5	11.2	54.2	1290	4.09	4.8	<DL	16.7	0.036	<DL	27.3	1.35	3.4	<DL	116	<DL	0.769	<DL	14300	0.131	0.092	411	1.91	18.9	2.27	118
0.322	12800	1440	7.25	26200	4.38	10.4	52.3	1240	3.28	4.69	<DL	13.6	0.037	<DL	29	<DL	3.3	<DL	122	<DL	0.732	<DL	14200	0.085	0.123	425	2.09	18	2.24	109
0.257	13200	1170	22.5	22700	4.09	8.73	46.1	1100	6.42	3.85	<DL	9.85	<DL	<DL	24.7	1.41	2.82	<DL	102	<DL	0.626	<DL	12900	0.075	0.179	373	2.24	14.9	1.85	102
0.352	16900	1310	18.8	23400	4.19	10.1	50.8	1110	9.26	5.99	<DL	18.7	0.072	0.076	31.6	2.07	3.11	0.709	181	<DL	0.719	<DL	12800	0.124	0.597	360	2	20.1	2.39	101
0.339	15600	1530	9.33	20200	4.13	10.3	52	1170	13.2	6.26	<DL	16.2	0.079	<DL	28.6	0.978	3.25	<DL	205	<DL	0.74	<DL	13200	0.123	0.286	387	1.56	19	2.26	119
0.178	10200	1110	<DL	31300	6.9	31.3	34	2120	12.8	15.9	0.064	13.9	0.453	0.092	12.7	<DL	5.62	0.882	864	<DL	0.753	3.2	7000	0.103	1.56	239	0.993	10.8	1.29	115
0.167	5610	979	3.63	39600	7.09	32.4	29	2220	11.7	11.1	0.098	5.11	0.299	<DL	11.2	<DL	5.92	0.883	590	<DL	0.754	3.98	5980	<DL	1.77	213	0.963	10.4	1.24	103
0.31	11700	1370	<DL	35100	4.37	10.7	50.1	1220	6.37	5.18	<DL	9.11	0.047	<DL	27.7	<DL	3.28	<DL	148	<DL	0.755	<DL	13700	<DL	0.318	407	1.35	18.5	2.2	120
0.34	14600	1950	11.1	17300	4.5	10.9	57.6	1290	4.65	6.04	<DL	13.3	0.071	0.082	29.1	0.783	3.41	<DL	181	<DL	0.771	<DL	14300	0.094	0.092	420	1.51	19.6	2.37	115
0.323	14800	1880	4.99	16200	4.75	11.2	57.3	1340	7.63	5.28	<DL	14	0.046	<DL	27.9	0.987	3.41	0.74	141	<DL	0.808	<DL	14700	0.104	0.088	425	1.22	19.1	2.31	116
0.335	14000	1820	4.99	13500	4.34	11	52.8	1250	6.52	5.32	0.053	17.5	0.053	<DL	27.4	<DL	3.52	0.73	138	<DL	0.782	<DL	13800	0.13	0.076	410	1.14	19.1	2.32	108
0.319	13900	1890	5.91	19500	4.4	10.9	51.4	1230	4.32	4.72	<DL	12.6	0.035	<DL	25.5	<DL	3.37	<DL	110	<DL	0.778	<DL	13800	0.088	0.075	396	1.4	18.4	2.23	106
0.337	14600	1810	6.3	21100	4.67	11.5	57	1310	3.75	5.45	<DL	8.84	0.049	<DL	27.5	<DL	3.67	<DL	139	<DL	0.835	<DL	14500	0.073	0.129	431	1.35	19.8	2.47	119
0.307	13800	1890	5.28	20100	4.4	10.7	53.3	1240	2.44	4.44	0.055	9.45	<DL	<DL	25.5	<DL	3.39	<DL	101	<DL	0.766	<DL	14000	0.079	0.079	402	1.11	18.5	2.24	118
0.289	12800	1690	7.69	18500	4.52	11	54.8	1270	3.48	5.2	<DL	12.1	0.055	0.076	25.5	<DL	3.36	<DL	161	<DL	0.733	<DL	14300	0.089	0.08	425	1.22	16.9	2.16	107
0.296	14300	1860	13.5	20200	4.46	10.2	52.9	1260	3.34	4.19	<DL	10.5	<DL	<DL	24.7	1.26	3.33	0.735	97.9	<DL	0.722	<DL	14100	0.084	0.072	412	1.34	16.6	2.14	126
0.367	17300	1780	6.38	25300	4.52	10.7	56.9	1250	3.47	5.82	<DL	13.5	0.051	0.075	30.1	0.842	3.51	<DL	142	<DL	0.802	<DL	14000	0.072	0.136	422	1.34	21.7	2.64	116
0.347	16700	1700	6.71	18500	4.37	10.7	56.3	1230	3.22	5.92	<DL	15.8	0.06	0.079	29.6	0.993	3.57	<DL	153	<DL	0.786	<DL	13700	0.096	0.083	423	1.24	21.1	2.55	101
0.131	5580	376	<DL	29500	8.98	50.8	26.7	1240	1.26	1.74	<DL	8.55	<DL	0.998	5.57	<DL	7.31	1.07	39.9	<DL	0.873	2.39	4440	<DL	0.538	75.4	0.938	7.36	0.966	77.7
0.207	12600	1470	3.79	10500	20.3	17.4	122	1870	10.6	5.42	0.097	27.4	0.081	0.936	10.2	0.615	4.13	2.92	208	<DL	0.734	3.65	7950	0.266	1.52	140	2.23	13.5	1.59	147
0.319	14400	1850	5.75	14700	5.93	11.4	58	1340	3.31	5.8	0.059	9.89	0.063	0.11	25.9	0.795	3.57	0.86	165	<DL	0.786	<DL	14200	0.076	0.114	417	1.36	18.3	2.25	112
0.318	14000	1840	11.1	19700	4.55	10.8	52.6	1260	4.31	5.35	<DL	15.8	0.045	<DL	26.8	0.675	3.39	0.752	143	<DL	0.762	<DL	13600	0.11	0.135	377	1.59	18.3	2.26	107
0.329	14500	1880	12.1	15800	4.67	11.3	55.7	1330	3.39	5.25	<DL	13.4	0.045	<DL	26.7	0.615	3.42	0.81	131	<DL	0.79	<DL	14300	0.109	0.085	414	1.74	18.3	2.33	118
0.306	14000	1920	16.8	13300	4.81	11.5	56.6	1400	5.28	5.2	<DL	12.5	0.056	0.071	26.5	<DL	3.66	1	146	<DL	0.805	<DL	14800	0.1</						

41621	A14-1464-046	GMI14-2310	44100	1.72	<DL	213	0.847	0.46	44300	0.964	15.8	40.1	60.6	0.103	99	3.54	2.11	1.64	90900	25.5	3.73	0.055	2620	6.73	7.24
41622	A14-1464-047	GMI14-2311	58600	2.99	<DL	639	1.66	0.389	14200	0.972	33.1	7.61	96.5	0.098	27.5	1.07	0.589	2.36	17300	39.6	3.55	<DL	12000	15.8	4.47
41623	A14-1464-048	GMI14-2312	57700	0.824	<DL	832	1.65	<DL	10600	0.973	33.3	4.96	109	0.119	15.3	0.84	0.475	2.85	12300	46.2	3.49	<DL	9580	15.7	4.12
41624	A14-1464-049	GMI14-2313	55100	14.9	<DL	267	0.795	<DL	13000	0.441	111	17.3	80.6	0.099	16.5	2.5	1.56	2.04	41100	25.2	9.7	<DL	7240	53	32.9
41625	A14-1464-050	GMI14-2314	36200	2200	5.15	639	0.815	<DL	38300	1.28	27.9	32.5	142	1.06	175	3.89	2.1	2.84	128000	32.5	5.55	0.068	4720	18.2	4.59
41626	A14-1464-051	GMI14-2315	58700	1.09	<DL	1070	1.55	0.419	11100	1.15	38.5	5.27	103	0.091	12.3	1.01	0.496	3.49	12900	55.3	3.95	<DL	9340	17.6	4.69
41627	A14-1464-052	GMI14-2316	59200	0.718	<DL	855	1.65	<DL	10700	1.11	33.7	4.82	109	0.124	10.1	0.82	0.439	2.94	11700	49	3.56	<DL	16200	15.4	4.15



0.251	8210	1200	33.5	30100	4.18	11.2	47	1130	17.4	5.2	<DL	4.86	0.07	<DL	20.5	<DL	3.12	0.737	164	<DL	0.637	<DL	10800	<DL	0.555	317	2.35	14	1.81	111
0.046	2400	187	6.73	33700	3.99	16.2	15.7	697	20.5	8.42	0.067	20.4	0.248	<DL	3.78	<DL	3.13	0.809	427	<DL	0.357	2.93	2130	0.143	1.95	48.7	2.02	4.19	0.412	72.3
<DL	2270	130	3.48	34600	4.03	16	12.1	667	12	8.27	0.074	16.8	0.258	<DL	2.3	<DL	2.96	0.855	430	<DL	0.326	3.07	1540	0.097	2.08	27.7	3.08	3.32	0.256	75.1
0.14	5400	349	<DL	27200	9.37	46.2	28.2	1250	1.41	2.04	<DL	9.6	<DL	0.795	5.09	<DL	6.66	1.19	49.2	<DL	0.84	2.3	4390	0.064	0.609	60.3	<DL	7.22	1.03	79.1
0.229	12900	4320	3.52	8020	14.8	18.6	109	3210	7.47	6.04	0.06	7.23	0.092	2.13	8.33	2.3	4.39	1.49	193	<DL	0.812	3.16	5770	0.079	1.48	140	1.95	15	1.64	172
0.032	2420	120	4.25	37500	4.27	18.7	13.8	786	9.27	5.57	0.054	17.1	0.149	<DL	2.37	<DL	3.35	0.89	278	<DL	0.359	3.35	1640	0.107	2.22	28.4	1.7	3.6	0.311	91.8
<DL	2210	119	<DL	33400	4.14	16.3	13.1	673	11.3	8.5	0.084	27.7	0.259	<DL	2.09	<DL	3.11	0.907	425	<DL	0.325	3.21	1470	0.164	2.09	23.6	2.54	3	0.245	80.5

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
41248	A14-1428-025	GMI14-2239	48300	1.55	<DL	78.3	0.413	<DL	52600	0.576	16.1	45.9	72	0.094	85.3	5.02	2.89	1.59	109000	20.2	4.51	0.065	4370	6.01	7.28
41248	A14-1428-025	GMI14-2239 DUP	47200	1.49	<DL	77.9	0.355	<DL	52400	0.535	15.6	45.1	71.2	0.096	84.3	4.78	2.85	1.53	106000	20	4.4	0.059	4290	5.83	7.26
41523	A14-1428-050	GMI14-2264	35100	0.916	<DL	134	0.29	<DL	48400	0.553	14.6	42.5	57.6	0.118	69.6	4.41	2.54	1.6	99800	19.8	4.26	0.073	5650	5.21	5.33
41523	A14-1428-050	GMI14-2264 DUP	35800	1.34	<DL	136	0.291	<DL	49800	0.602	14.7	43.2	57.3	0.116	71.5	4.49	2.6	1.61	102000	20.1	4.28	0.078	5770	5.2	5.57
41600	A14-1464-025	GMI14-2289	52700	480	1.58	509	1.56	<DL	32300	1.49	32.1	35.7	192	0.825	88.6	3.56	1.94	2.39	81000	34.3	5.07	0.059	14800	17.1	12.4
41600	A14-1464-025	GMI14-2289 DUP	54200	441	1.51	478	1.43	<DL	33000	1.51	29	33.8	186	1.34	85.1	3.52	2	2.25	76100	32.4	4.64	0.056	14000	15.4	14.1
41627	A14-1464-052	GMI14-2316	59200	0.718	<DL	855	1.65	<DL	10700	1.11	33.7	4.82	109	0.124	10.1	0.82	0.439	2.94	11700	49	3.56	<DL	16200	15.4	4.15
41627	A14-1464-052	GMI14-2316 DUP	60100	0.33	<DL	825	1.56	<DL	10700	1.22	35.8	5.01	112	0.129	10.8	0.847	0.421	2.89	12100	48.6	3.66	<DL	16200	16.8	4.27

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
			1	0.2	0.5	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02
		Certified Values:		<b>2200</b>	<b>3.3</b>							<b>20500</b>			<b>249600</b>				<b>14800</b>						
		CRM PTM-1a #1		2460	1.72							18500			210000				15000						
		CRM PTM-1a #2		2470	4.16							17700			208000				14500						
		CRM PTM-1a #3		2330	3.92							18700			213000				15400						
		CRM PTM-1a #4		2320	4.46							18000			208000				14600						
		Certified Values:	<b>43000</b>	<b>2.49</b>		<b>350</b>	<b>0.4</b>	<b>2.73</b>	<b>22100</b>	<b>3</b>	<b>35</b>	<b>672</b>	<b>320</b>	<b>0.3</b>	<b>11850</b>	<b>1.4</b>	<b>0.7</b>	<b>0.7</b>	<b>255400</b>	<b>10</b>	<b>2</b>		<b>6000</b>	<b>17</b>	
		CRM SU-1b #1	47100	2.93		373	0.48	2.36	23700	3.75	33.8	589	314	0.251	9550	1.41	0.821	1.45	249000	18.7	3.44		6950	16.3	
		CRM SU-1b #2	39700	3.01		363	0.39	2.29	21400	3.9	34.3	581	307	0.182	9720	1.38	0.785	1.55	242000	19.2	3.54		6550	16.1	
		CRM SU-1b #3	45800	4.05		373	0.595	3.21	23900	3.51	31.8	611	320	0.152	10000	1.38	0.766	1.51	264000	20.8	3.46		7140	15.8	
		CRM SU-1b #4	43400	9.54		367	0.486	2.11	22700	3.9	31.1	580	300	0.196	9580	1.41	0.743	1.59	248000	19.9	3.67		6910	16	
		Certified Values:	<b>51200</b>	<b>18.2</b>		<b>106</b>		<b>31.3</b>	<b>21400</b>	<b>9.21</b>		<b>143</b>	<b>176</b>	<b>0.4</b>	<b>2353</b>				<b>204900</b>	<b>30</b>		<b>1.6</b>	<b>4600</b>	<b>10</b>	<b>10</b>
		CRM RTS-3a #1	54800	20.5		120		31.2	23200	10.4		145	181	0.357	2010				202000	42.6		1.7	5220	7.44	13.9
		CRM RTS-3a #2	45600	22.2		119		30.8	19500	10.1		144	180	0.217	2040				198000	41.2		1.69	4860	7.31	10.9
		CRM RTS-3a #3	50700	17.7		117		30	21000	10.2		148	185	0.211	2030				207000	42.2		1.68	5080	6.92	13.7
		CRM RTS-3a #4	47800	21.5		118		31.1	19900	10.4		148	186	0.208	2050				205000	42.2		1.72	5030	6.73	12
		Certified Values:																							
		CRM SY-4 #1																							
		CRM SY-4 #2																							
		CRM SY-4 #3																							
		CRM SY-4 #4																							
		Certified Values:	<b>66200</b>	<b>27</b>		<b>680</b>	<b>1.9</b>		<b>16000</b>	<b>0.6</b>	<b>90</b>	<b>30</b>	<b>87</b>	<b>2.3</b>	<b>35</b>	<b>4.9</b>		<b>1.5</b>	<b>40000</b>				<b>18000</b>	<b>52</b>	<b>25</b>
		CRM LKSD-3 #1	56300	20.2		632	1.23		15400	1.69	88.3	30.2	72.7	1.22	37.8	4.64		2.75	38100				18200	44.3	19.1
		CRM LKSD-3 #2	51900	21.2		630	1.05		14800	1.71	87.8	29.4	71.4	0.958	37.5	4.54		2.88	37000				17600	43.4	16.4
		CRM LKSD-3 #3	59500	22.8		655	1.51		16400	1.85	79.3	31.4	75.5	1.05	40.5	4.42		2.82	40300				19300	43.5	21
		CRM LKSD-3 #4	57000	21.1		661	1.32		15700	2.01	77.9	31	73.7	1.06	42.5	4.24		2.94	39300				19100	43.1	18.7



**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L 1	As ug/L 0.2	Au ug/L 0.5	Ba ug/L 0.2	Be ug/L 0.05	Bi ug/L 0.3	Ca ug/L 5	Cd ug/L 0.05	Ce ug/L 0.04	Co ug/L 0.03	Cr ug/L 0.4	Cs ug/L 0.04	Cu ug/L 0.05	Dy ug/L 0.02	Er ug/L 0.02	Eu ug/L 0.02	Fe ug/L 1	Ga ug/L 0.02	Gd ug/L 0.05	In ug/L 0.05	K ug/L 6	La ug/L 0.03	Li ug/L 0.02
		Actual Spike Values:		10	10		10	10		10	10			10		10	10	10		10	10	10		10	10
		Spike #1		10.4	12.5		10.1	10.5		10.2	10.8			10.6		10.6	10.7	10.7		10.3	10.8	10.4		10.4	10.2
		Spike #4		10.4	11.3		7.86	10		9.87	10.7			10.2		10.1	10.1	10.3		9.79	10.4	10		10.2	7.92
		Spike #7		9.81	11.9		10.5	10.2		10.2	10.2			10.1		10.2	10.2	10.2		10.2	10.2	10.4		10.1	10.4
		Spike #10		10.2	11.1		9.12	10.2		10.3	10.1			10.2		10.1	10.1	10.1		10	10.4	10.2		10.1	9.03
		Actual Spike Values:					100					100	100		100										
		Spike #2					108					105	107		105										
		Spike #5					106					104	105		104										
		Spike #8					106					108	107		106										
		Spike #11					96.3					96.6	95.2		95.6										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	11200						11400										11300				11400		
		Spike #6	9800						10200										10600				10400		
		Spike #9	11100						11100										11000				11200		
		Spike #12	9650						9670										9600				9770		



# Certified Analysis - Elliot Lake Research Field Station

**JOB CODE:** GMI14-029

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

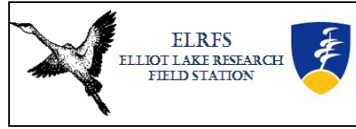
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Phone: 705-529-3087 (Mobile)

**Batch: 14-1429 (52)**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 52  
Dates Analysed/ Analyst: Dec 11, 2014 - Feb 11, 2015 / Troy Maki  
Submission Date: 2015 02 16

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	In	K	La	Li
			mg/Kg 1	mg/Kg 0.2	mg/Kg 0.5	mg/Kg 0.2	mg/Kg 0.05	mg/Kg 0.3	mg/Kg 5	mg/Kg 0.05	mg/Kg 0.03	mg/Kg 0.03	mg/Kg 0.04	mg/Kg 0.04	mg/Kg 0.05	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 1	mg/Kg 0.02	mg/Kg 0.05	mg/Kg 0.05	mg/Kg 6	mg/Kg 0.03	mg/Kg 0.02
41524	A14-1429-001	GMI14-2317	70200	12	0.607	329	0.889	0.311	38300	0.284	117	20.7	37.5	0.201	17	3.76	2.22	2.22	47500	26	9.42	<DL	9460	48.9	36.1
41525	A14-1429-002	GMI14-2318	47800	2340	2.59	702	1.01	<DL	45600	1.08	31.7	34.2	161	1.47	189	4.48	2.37	2.65	129000	31.8	5.77	<DL	5380	19.3	7.09
41526	A14-1429-003	GMI14-2319	51400	2.3	<DL	130	0.523	<DL	70400	0.6	18.4	52.6	74.4	0.181	155	4.42	2.69	1.46	132000	21.5	4.03	0.053	5770	7.82	10.7
41527	A14-1429-004	GMI14-2320	55000	1.95	<DL	269	0.736	6.06	56000	1.06	23.5	53.4	72.5	0.215	105	5.19	3.2	2.07	108000	26.2	5	<DL	10100	10.6	9.79
41528	A14-1429-005	GMI14-2321	51400	1.55	<DL	172	0.521	2.34	63300	0.703	15.5	47.6	75.4	0.143	87.3	4.63	2.73	1.63	107000	23.6	4.15	<DL	6310	6.02	6.38
41529	A14-1429-006	GMI14-2322	49500	1.16	<DL	137	0.483	1.69	66000	0.584	16.7	48.3	84.7	0.116	70.2	4.77	2.98	1.67	116000	22.8	4.29	0.06	5660	5.33	6.38
41530	A14-1429-007	GMI14-2323	39300	1.45	<DL	90	0.558	6.97	57900	0.601	14.8	46.5	65.8	0.111	59.1	4.02	2.32	1.31	108000	20.6	3.77	<DL	4960	5.93	4
41531	A14-1429-008	GMI14-2324	34500	1.28	<DL	105	0.482	0.92	51500	0.518	14.8	50	68.5	0.139	81.2	4.01	2.31	1.46	114000	21	3.71	<DL	6330	5.44	5.18
41532	A14-1429-009	GMI14-2325	45000	1.49	<DL	92.6	0.404	<DL	52600	0.597	13.7	45.8	67.4	0.271	66.4	4.22	2.49	1.41	107000	19.4	3.83	<DL	6340	5.29	5.04
41533	A14-1429-010	GMI14-2326	42600	1.48	<DL	119	0.408	<DL	50400	0.605	13.4	47.3	75.3	0.297	77	4.2	2.5	1.46	103000	20.5	3.72	<DL	8090	5.22	5.48
41534	A14-1429-011	GMI14-2327	39300	1.28	<DL	133	0.361	<DL	61000	0.653	13.6	45	58.3	0.175	56.3	4.24	2.61	1.47	102000	20.9	3.73	<DL	7710	5.22	4.36
41535	A14-1429-012	GMI14-2328	31300	1.04	<DL	100	0.34	<DL	48400	0.597	13.1	45.6	75.6	0.142	62.9	3.54	2.09	1.4	104000	19.8	3.39	<DL	6480	4.85	3.59
41536	A14-1429-013	GMI14-2329	38900	1.29	<DL	126	0.389	<DL	55600	0.693	15.3	49.8	64.6	0.195	75.2	4.62	2.73	1.6	111000	21.7	4.14	<DL	7770	5.84	4.39
41537	A14-1429-014	GMI14-2330	36100	0.937	<DL	129	0.41	<DL	44700	0.745	16.2	45.7	44.3	0.157	80.5	4.59	2.64	1.54	115000	21.6	4.25	<DL	7870	5.79	6.53
41538	A14-1429-015	GMI14-2331	28100	1.6	<DL	104	0.384	<DL	38300	0.642	15	43.2	41.3	0.073	84.2	3.82	2.23	1.34	107000	19.2	3.98	<DL	5490	5.43	5.98
41539	A14-1429-016	GMI14-2332	33600	1.31	<DL	110	0.454	<DL	39200	0.729	15.9	42.9	45.4	0.179	79.3	4.36	2.47	1.45	108000	20.1	4.16	<DL	8560	5.93	5.51
41540	A14-1429-017	GMI14-2333	30700	1.04	<DL	114	0.412	<DL	37100	0.615	14	42.4	34.2	0.122	74.8	3.84	2.23	1.38	103000	19.2	3.8	<DL	8130	4.95	5.08
41541	A14-1429-018	GMI14-2334	38300	1.25	<DL	149	0.467	<DL	39500	0.692	14.6	45.7	40.2	0.221	133	4.39	2.49	1.55	112000	20.9	3.95	0.066	10900	5.77	6.71
41542	A14-1429-019	GMI14-2335	36900	1.02	<DL	152	0.42	0.315	39400	0.673	15.4	44.3	46.1	0.224	105	4.37	2.48	1.55	104000	21	3.97	<DL	11200	6.23	5.64
41543	A14-1429-020	GMI14-2336	31800	1.06	<DL	232	0.922	<DL	31800	0.663	25.1	41	61.7	0.119	95.1	3.78	2.14	1.69	96000	23.1	4.43	<DL	14100	9.57	6.2
41544	A14-1429-021	GMI14-2337	35500	2.04	<DL	111	1.03	23.1	41400	0.807	36.4	38.5	119	0.07	80.7	3.39	1.94	1.47	105000	16	4.8	<DL	19400	17.1	10.8
41545	A14-1429-022	GMI14-2338	34000	1.76	<DL	128	0.404	28.1	24900	0.768	11.7	43.2	84.5	<DL	80.9	3.46	1.93	1.26	116000	17.6	3.15	<DL	12100	4.62	13.6
41546	A14-1429-023	GMI14-2339	36400	0.794	<DL	107	0.572	0.954	38900	0.536	17.7	43.9	60.3	0.07	73.5	3.8	2.16	1.36	108000	19.1	3.88	<DL	9700	7.48	7.6
41547	A14-1429-024	GMI14-2340	31900	0.928	<DL	57.7	0.516	0.501	23500	0.611	12	42.2	55.1	<DL	88.9	2.98	1.64	1.15	102000	19.6	3.16	<DL	9550	4.55	4.76
41548	A14-1429-025	GMI14-2341	35600	1.08	<DL	102	0.465	0.628	40900	0.543	13.8	51.5	60.1	0.077	109	3.95	2.22	1.44	112000	19.2	3.66	<DL	4800	5.01	4.08
41549	A14-1429-026	GMI14-2342	39600	5.68	<DL	159	0.657	<DL	1820	0.291	47	18.3	41.2	0.164	11.4	0.892	0.521	0.96	44800	21.1	3.68	<DL	4850	17.7	40.7
41550	A14-1429-027	GMI14-2343	38200	430	1.12	469	1.07	<DL	24800	1.19	32.1	31	170	0.86	79	2.86	1.45	2.03	66600	28.5	4.46	<DL	12700	16	7.34
41551	A14-1429-028	GMI14-2344	36200	1.24	<DL	142	0.352	<DL	45800	0.589	14.6	43.5	62.6	0.223	61.1	3.98	2.36	1.43	102000	19.6	3.82	<DL	6100	5.49	3.57
41552	A14-1429-029	GMI14-2345	36100	1.21	<DL	79.9	0.397	0.646	33400	0.776	12.5	48.5	61.3	0.101	103	3.56	2.03	1.32	104000	20.2	3.48	<DL	4280	4.52	6.23
41553	A14-1429-030	GMI14-2346	46700	1.14	<DL	156	0.392	<DL	56700	0.671	15	44.9	88.7	0.185	77.5	4.74	2.85	1.6	106000	22.4	4.13	<DL	5780	5.65	4.19
41554	A14-1429-031	GMI14-2347	39700	0.996	<DL	133	0.348	<DL	50400	0.551	14.2	48.5	66	0.164	89.5	4.53	2.6	1.71	117000	22.4	4.11	<DL	4610	5.44	10
41555	A14-1429-032	GMI14-2348	40200	1.2	<DL	170	0.404	0.34	41000	0.676	14.3	49.6	60.2	0.198	86.7	4.38	2.59	1.67	112000	22.7	4.15	<DL	6610	5.14	6.88
41556	A14-1429-033	GMI14-2349	41100	1.24	<DL	223	0.354	2.85	46300	0.582	13.5	44.2	59.9	0.202	89.7	4.41	2.57	1.65	103000	23.4	3.97	<DL	7360	4.97	5.25
41557	A14-1429-034	GMI14-2350	47400	1.55	<DL	170	0.328	0.386	58400	0.68	14.1	47.2	69.4	0.292	78.1	4.79	2.92	1.63	111000	22.6	4.29	<DL	6890	5.34	4.16
41558	A14-1429-035	GMI14-2351	45800	1.18	<DL	163	0.297	<DL	48200	0.616	14.4	48.1	59.5	0.213	84.9	4.71	2.9	1.7	107000	22	4.25	<DL	4770	5.43	9.24

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn	
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06	
0.239	6900	570	<DL	36400	9.45	47.8	37	1430	1.51	2.77	<DL	13.4	<DL	0.271	8.51	<DL	7.69	1.19	75.2	2.72	0.951	3.56	5390	0.066	0.643	102	1.11	13.7	1.75	92.7	
0.229	19100	5090	3.65	10700	15.3	20.4	123	3180	8.1	5.17	0.064	8.64	0.071	2.35	10.8	3.26	4.78	1.59	212	<DL	0.823	3.88	6560	0.071	1.66	145	2.1	19.1	1.87	192	
0.305	20500	2220	<DL	12700	4.51	11.9	58.2	1390	4.17	4.64	<DL	10.6	<DL	0.1	27.9	0.93	3.69	0.917	141	<DL	0.749	<DL	13500	<DL	0.108	369	2.36	19.2	2.28	137	
0.403	18200	1730	64.8	18800	6.18	15	59.5	1400	26.6	5.5	<DL	17.3	0.039	0.116	29.4	1.39	4.33	0.983	164	<DL	0.85	0.966	13800	0.107	0.285	382	0.943	23.5	2.74	127	
0.321	17600	1810	28.6	18200	4.11	11.3	54.7	1270	14.1	5.3	<DL	11.3	0.061	0.107	28.5	1.3	3.5	0.749	197	<DL	0.74	<DL	13800	0.061	0.099	363	1.12	20.2	2.41	111	
0.343	18200	1880	8.87	14600	4.11	11.7	54.9	1270	8.14	4.53	0.053	10.5	0.039	<DL	28.8	1.13	4.02	0.756	145	<DL	0.87	<DL	13600	0.066	0.1	404	1.14	20.3	2.78	115	
0.231	14800	1610	26	21600	4.15	10.9	53.1	1260	55	4.82	<DL	8.68	0.07	0.075	21.4	3.24	3.37	<DL	220	<DL	0.667	<DL	13400	<DL	0.166	339	0.956	14	1.92	98.5	
0.217	11800	1630	3.76	15300	4.51	11	54.1	1400	8.7	3.99	<DL	14.1	0.035	0.082	19.2	1.79	3.61	<DL	163	<DL	0.689	<DL	15000	0.074	0.089	396	0.927	12.7	1.84	119	
0.273	15700	1330	<DL	19100	4.27	10.8	52.9	1250	4.72	4.25	<DL	18.1	0.038	<DL	26.1	1.31	3.35	<DL	141	<DL	0.667	<DL	14400	0.067	0.066	383	0.825	17	2.12	104	
0.249	14900	1400	<DL	16300	4.43	10.3	56.9	1340	3.39	3.77	0.052	22.5	<DL	<DL	24.2	0.609	3.38	<DL	115	<DL	0.685	<DL	14300	0.12	0.085	399	0.846	15.3	2.06	115	
0.288	15700	1290	<DL	14400	4.12	10.5	52.5	1210	3.4	4.36	<DL	17.1	<DL	0.083	24.4	<DL	3.38	<DL	144	<DL	0.69	<DL	13600	0.086	0.067	374	<DL	17.2	2.22	111	
0.202	10100	1440	<DL	12500	4.2	9.94	51.3	1240	2.73	3.4	<DL	15	<DL	<DL	17.7	1.2	3.09	<DL	120	<DL	0.626	<DL	13600	0.072	<DL	368	<DL	11.4	1.64	114	
0.299	13500	1470	<DL	13500	4.62	11.5	49.9	1360	2.78	4.12	<DL	18.4	<DL	<DL	23.2	<DL	3.74	<DL	134	<DL	0.776	<DL	14500	0.091	0.075	393	0.843	17.1	2.28	117	
0.292	11400	1510	<DL	9880	4.77	12.2	39.7	1410	2.06	3.26	0.069	14.2	<DL	<DL	21.9	1.06	3.89	0.718	82.8	<DL	0.766	<DL	15500	0.084	0.088	404	<DL	15.9	2.22	126	
0.199	7430	1430	<DL	9260	4.5	11.1	40.3	1330	2.43	2.61	<DL	8.94	<DL	<DL	15.2	0.732	3.55	<DL	77.9	<DL	0.671	<DL	14300	<DL	0.083	365	<DL	11.2	1.78	119	
0.254	9810	1410	<DL	12300	4.88	11.8	43.5	1430	2.48	3.08	0.068	17.7	<DL	<DL	19.2	0.725	3.67	<DL	76.4	<DL	0.73	<DL	15800	0.111	0.083	399	<DL	13.6	2	112	
0.223	10000	1350	<DL	14100	4.29	10.2	38.5	1240	3.12	3.25	<DL	14.6	<DL	<DL	18.1	1.21	3.25	<DL	101	<DL	0.659	<DL	14200	0.094	0.064	377	<DL	12.6	1.95	129	
0.264	12400	1530	<DL	14200	4.79	10.9	39.3	1410	3.09	3.69	<DL	19.6	<DL	<DL	23.7	1.51	3.5	<DL	110	<DL	0.708	<DL	15400	0.11	0.071	396	<DL	15.9	2.1	129	
0.266	11800	1340	8.11	16900	4.31	11.7	38.6	1230	5.39	3.93	<DL	21.8	0.031	<DL	22.1	1.82	3.47	<DL	136	<DL	0.707	<DL	13900	0.131	0.093	364	<DL	14.8	2.11	110	
0.201	9690	1330	<DL	16300	8.06	15	48.1	1680	2.91	3.31	<DL	17.7	<DL	<DL	16.8	<DL	3.98	<DL	114	<DL	0.667	0.72	12600	0.113	0.237	352	<DL	12.2	1.78	117	
0.181	11000	1080	60	11300	7.72	19.5	60	1570	1210	5.57	<DL	6.86	0.112	<DL	14.2	3	4.06	<DL	259	<DL	0.678	1.16	7870	<DL	0.348	241	1.48	13.3	1.44	97.5	
0.193	8870	1550	87.1	9800	3.63	9.06	48.5	1050	1290	2.29	<DL	5.67	<DL	<DL	16.7	4.56	2.82	<DL	49.8	<DL	0.551	<DL	11600	<DL	<DL	312	2.11	12.9	1.54	114	
0.218	10400	1530	12.1	20900	4.3	12.3	53.5	1280	36.4	2.84	<DL	10.1	<DL	<DL	21.3	0.763	3.41	<DL	76.3	<DL	0.628	<DL	13900	<DL	<DL	394	1.19	13.2	1.78	122	
0.148	5280	1300	35.4	21300	3.9	8.66	46.9	1150	11.5	1.96	<DL	6.78	<DL	<DL	16.1	<DL	2.91	<DL	48.8	<DL	0.513	<DL	13600	<DL	0.122	380	1.3	9.45	1.31	119	
0.222	9660	1750	13.8	23400	4.09	10.5	55.1	1200	7.28	3.36	<DL	9.55	<DL	<DL	21	1.17	3.4	<DL	102	<DL	0.642	<DL	13800	<DL	0.063	388	1.13	13.8	1.8	132	
<DL	3550	317	<DL	16300	9.41	21.5	25.6	1160	2.02	0.432	<DL	5.71	<DL	0.978	3.21	<DL	3.53	1.17	12.6	<DL	0.315	1.55	4570	<DL	0.599	80.1	0.965	2.37	0.367	77.8	
0.107	6780	1300	3.32	7260	17.2	15.8	113	1640	11.1	3.83	0.064	23.3	0.057	1.01	7.77	1.14	3.86	3	166	<DL	0.572	2.89	7090	0.216	1.39	115	1.87	8.86	1.16	134	
0.256	10800	1820	5.75	18800	4.17	10.4	53	1120	3.55	3.47	<DL	17.2	<DL	<DL	22.2	1.05	3.46	<DL	89.3	<DL	0.669	<DL	13200	0.079	<DL	373	0.894	14.9	1.94	121	
0.2	7860	1620	52.1	23400	4.25	9.35	52.8	1220	8.21	2.92	<DL	8.26	<DL	<DL	20.3	1.22	3.18	<DL	74.4	<DL	0.618	<DL	13800	<DL	0.088	386	1.48	12.4	1.65	131	
0.353	15700	1750	6.75	22700	4.15	11.2	58	1240	5.49	5.56	<DL	13	0.045	<DL	30.7	<DL	3.5	0.743	151	<DL	0.744	<DL	14100	<DL	0.149	400	1.18	21.2	2.48	127	
0.28	13400	2010	12	16400	4.49	10.8	57.6	1270	4.11	5.06	<DL	8.05	0.047	<DL	25.2	0.855	3.58	0.729	153	<DL	0.736	<DL	14600	<DL	0.069	408	1.09	18.3	2.16	136	
0.266	12200	2000	15.2	22000	4.48	11	55	1250	4.07	3.93	<DL	13.7	<DL	<DL	23.9	1.11	3.61	<DL	94.5	<DL	0.737	<DL	14500	0.084	0.094	397	0.971	16.6	2.11	133	
0.304	14300	1720	6.49	21100	4.08	10.3	54.7	1090	33.9	4.48	<DL	17.4	<DL	<DL	26.4	0.728	3.43	<DL	125	<DL	0.686	<DL	13400	0.106	0.158	370	1.38	18.1	2.23	123	
0.354	18000	1850	<DL	17400	4.23	10.9	56.5	1190	5.72	6.11	<DL	18.9	0.054	<DL	31.2	0.786	3.55	0.818	163	<DL	0.768	<DL	13800	0.096	0.07	386	1.11	23.5	2.5	126	
0.336	18100	1960	<DL	16200	4.39	10.9	55.2	1230	2.17	4.85	<DL	11	<DL	<DL	29.6	<DL	3.6	<DL	117	<DL	0.753	<DL	14000	0.062	0.06	397	1.41	20.4	2.51	137	

41559	A14-1429-036	GMI14-2352	38900	1.37	<DL	249	0.344	<DL	46800	0.609	14.9	49	63.4	0.222	76.2	4.44	2.62	1.92	104000	23.4	4.12	<DL	6670	5.46	6.6
41560	A14-1429-037	GMI14-2353	46300	1.08	<DL	203	0.294	<DL	62200	0.632	15.3	48.2	56.8	0.147	72	4.64	2.8	1.76	108000	28.6	4.21	<DL	4960	5.34	5.38
41561	A14-1429-038	GMI14-2354	41200	1.2	<DL	160	0.301	<DL	54300	0.623	14.3	45.9	68.9	0.14	71.4	4.66	2.74	1.67	107000	20.2	4.11	<DL	3650	5.23	4.68
41562	A14-1429-039	GMI14-2355	38600	0.97	<DL	169	0.362	<DL	50200	0.56	13.9	46.7	56.9	0.319	54.8	4.26	2.55	1.6	106000	21.6	4	<DL	4430	4.94	5.57
41563	A14-1429-040	GMI14-2356	38000	1.3	<DL	152	0.339	<DL	46000	0.66	14.3	46.1	112	0.184	83.8	4.31	2.52	1.57	103000	21.5	3.95	<DL	4720	5.03	3.18
41564	A14-1429-041	GMI14-2357	48200	1.48	<DL	112	0.279	<DL	54100	0.74	14.9	46.7	144	0.245	72.6	4.89	3.08	1.58	113000	21.1	4.41	<DL	5120	5.41	6.26
41565	A14-1429-042	GMI14-2358	45100	1.43	<DL	128	0.277	<DL	59100	0.657	13.8	47.3	103	0.251	81.9	4.68	3	1.53	112000	21	4.17	<DL	5210	5.21	4.61
41566	A14-1429-043	GMI14-2359	33100	1.06	<DL	200	0.357	<DL	36500	0.577	15.6	43.5	64.9	0.062	83.7	3.84	2.24	1.71	107000	22.6	4.07	<DL	9750	5.55	4.02
41567	A14-1429-044	GMI14-2360	33300	0.986	<DL	184	0.296	<DL	43000	0.545	14.2	45.6	55.1	0.108	65.4	3.9	2.21	1.5	104000	21.3	3.74	<DL	6110	5.28	4.08
41568	A14-1429-045	GMI14-2361	33200	1.32	<DL	146	0.287	<DL	37400	0.556	13.9	46.5	66.8	0.083	71.4	3.96	2.3	1.54	102000	20.4	3.7	<DL	7790	5.15	6.57
41569	A14-1429-046	GMI14-2362	43600	1.96	<DL	149	0.271	<DL	58200	0.644	15.9	47	70.8	0.19	79.4	4.7	2.98	1.66	110000	22.5	4.42	<DL	6500	5.95	6.17
41570	A14-1429-047	GMI14-2363	48900	1.83	<DL	158	0.324	<DL	61900	0.643	16.7	49.4	72.7	0.147	111	5.25	3.33	1.73	113000	23.4	4.63	<DL	6950	6.13	8.74
41571	A14-1429-048	GMI14-2364	35200	1.33	<DL	282	0.314	<DL	42900	0.534	17	44.4	64	0.128	102	4.29	2.48	1.93	94400	23.3	4.35	<DL	10100	6.6	5.47
41572	A14-1429-049	GMI14-2365	30900	1.5	<DL	111	0.448	0.412	30700	0.696	18.9	42.3	119	0.048	92.2	3.55	2.03	1.43	90700	18.7	3.98	<DL	13800	7.37	5.44
41573	A14-1429-050	GMI14-2366	36600	5.37	<DL	188	0.494	<DL	16800	0.336	73.8	20.6	39	0.071	22.2	1.91	1.12	1.39	44700	22.4	5.95	<DL	6710	26.1	23.8
41574	A14-1429-051	GMI14-2367	37100	1.22	<DL	234	0.361	0.431	31500	0.556	15.1	46.1	62.1	0.116	89.7	3.83	2.14	1.68	99500	22.9	3.86	<DL	18100	5.81	8.03
41575	A14-1429-052	GMI14-2368	43300	2.210	2.42	707	0.583	<DL	43200	1.21	32.1	32.9	159	3.84	184	4.71	2.63	3.11	122000	32.1	6.29	<DL	4860	20.9	4.98



0.287	13200	1790	<DL	15400	4.53	11.3	58.4	1260	2.24	4.22	<DL	13.8	<DL	<DL	25	1.14	3.72	<DL	107	<DL	0.759	<DL	14500	0.088	0.066	412	1.58	17.9	2.26	133
0.341	16000	1710	<DL	16900	4.04	11.2	54.8	1170	3.57	5.98	<DL	12	0.063	0.103	30.1	<DL	3.66	0.723	182	<DL	0.771	<DL	13200	<DL	0.072	425	1.36	22.2	2.56	114
0.317	13300	1680	<DL	18200	4.07	10.6	55.1	1150	3.17	5.45	0.065	8.43	0.038	<DL	27.2	<DL	3.44	<DL	138	<DL	0.738	<DL	13200	<DL	<DL	374	1.09	20.3	2.43	125
0.284	12400	1710	3.37	22600	4.1	10.6	55.6	1170	3.36	4.59	<DL	14.1	<DL	<DL	25.3	<DL	3.43	<DL	122	<DL	0.702	<DL	13700	0.061	<DL	381	1.12	17.7	2.22	130
0.28	11000	1470	9.94	21700	4.24	11	55.9	1160	4.61	4.45	<DL	12.5	0.037	0.074	24.4	0.739	3.5	<DL	135	<DL	0.711	<DL	13400	<DL	0.106	387	1.86	16.9	2.23	112
0.378	18300	1710	5.05	19000	4.34	11.2	56.2	1200	5.19	5.91	0.064	17.1	0.043	<DL	33.4	<DL	3.65	0.7	146	<DL	0.806	<DL	13900	0.072	0.061	405	1.19	24.6	2.77	111
0.356	17300	1600	6.05	19000	4.29	10.8	57.5	1140	8.69	5.57	<DL	16.4	0.045	0.075	31.2	<DL	3.52	0.749	156	<DL	0.774	<DL	13400	0.067	0.078	391	1.44	22.2	2.62	121
0.223	8580	1410	6.88	19100	4.43	11.3	54.9	1190	4.49	3.82	<DL	10.2	<DL	<DL	20.4	0.865	3.64	0.73	120	<DL	0.688	<DL	14200	<DL	0.156	398	1.59	13.8	1.88	125
0.229	9740	1480	6.15	15700	4.23	10.1	53.9	1110	2.98	4.11	<DL	12.4	0.038	<DL	20	0.69	3.24	<DL	128	<DL	0.653	<DL	13800	0.071	<DL	377	1.22	14.7	1.86	112
0.231	9930	1610	6.25	12300	4.28	10.2	54.6	1160	2.71	3.7	<DL	8.51	<DL	<DL	20.2	0.651	3.39	<DL	98.1	<DL	0.667	<DL	13800	<DL	0.063	380	1.58	14.4	1.83	116
0.334	14800	1460	<DL	12700	4.31	11.6	58.6	1190	3.36	5.5	0.054	15.3	0.05	0.072	30.2	1.57	3.83	<DL	153	<DL	0.793	<DL	14200	0.076	0.063	411	1.35	21.4	2.6	105
0.404	20100	1650	<DL	12100	4.15	11.8	57.4	1150	3.77	6.46	0.053	12.4	0.06	0.11	35.1	<DL	3.89	0.745	168	<DL	0.854	<DL	13500	<DL	0.071	401	1.47	25.4	3.04	112
0.268	10300	1500	3.47	13700	4.34	12	56	1150	3.25	4.51	<DL	14.5	<DL	0.073	22.3	0.754	3.73	<DL	130	<DL	0.727	<DL	13500	0.089	0.104	375	1.26	16.4	2.08	117
0.193	8460	1270	22.7	15900	4.36	12.5	64.3	1470	7.03	3.95	0.055	7.67	0.035	<DL	18.6	<DL	3.63	0.759	133	<DL	0.647	0.745	11500	<DL	0.323	342	1.32	12.8	1.61	116
0.074	2410	444	<DL	19900	8.31	29	37	1140	1.57	1.38	<DL	8.47	<DL	0.392	4.62	<DL	4.74	1.04	42.5	<DL	0.552	1.69	5150	<DL	0.578	97.2	0.978	5.58	0.766	85.1
0.213	11000	1430	3.65	16100	4.4	10.8	51.8	1280	4.8	3.81	<DL	13.8	<DL	<DL	23.7	1.66	3.43	<DL	98.6	<DL	0.66	<DL	14000	0.066	0.105	388	1.85	14.4	1.85	116
0.282	19300	4700	3.55	9660	15	20.1	116	2660	8.5	7.42	0.064	13.2	0.093	2.25	11.8	3.08	5.14	1.5	225	<DL	0.888	4.21	6100	0.06	1.56	136	1.91	22.6	2.08	182

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
41548	A14-1429-025	GMI14-2341	35600	1.08	<DL	102	0.465	0.628	40900	0.543	13.8	51.5	60.1	0.077	109	3.95	2.22	1.44	112000	19.2	3.66	<DL	4800	5.01	4.08
41548	A14-1429-025	GMI14-2341 DUP	37200	1.04	<DL	98.3	0.45	0.608	43300	0.548	13.9	49.9	58.6	0.092	105	3.98	2.38	1.42	111000	19.3	3.76	<DL	4760	4.99	4.39
41575	A14-1429-052	GMI14-2368	43300	2210	2.42	707	0.583	<DL	43200	1.21	32.1	32.9	159	3.84	184	4.71	2.63	3.11	122000	32.1	6.29	<DL	4860	20.9	4.98
41575	A14-1429-052	GMI14-2368 DUP	43300	2260	3.27	713	0.565	<DL	44200	1.17	30.9	34.3	160	4.06	188	4.89	2.65	2.97	119000	32	6.38	<DL	4880	21.7	4.99

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
		Certified Values:	2200	3.3					20500			249600			14800										
		CRM PTM-1a #1	2720	2					19400			230000			14900										
		CRM PTM-1a #2	2200	2.81					16700			184000			13800										
		Certified Values:	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17	
		CRM SU-1b #1	38300	2.54		350	0.428	3.19	20900	3.47	34.4	576	313	0.121	9660	1.25	0.703	1.32	219000	18.6	3.11		6110	14.5	
		CRM SU-1b #2	50600	2.97		360	0.623	2.94	24900	3.71	33.4	534	281	0.197	8360	1.47	0.823	1.56	223000	20.5	3.56		6830	15.5	
		Certified Values:	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30		1.6	4600	10	10
		CRM RTS-3a #1	41500	19.4		115		30.7	18100	9.8		143	187	0.153	2150				186000	39.8		1.56	4670	4.25	11.2
		CRM RTS-3a #2	54300	20.3		120		31.2	20100	9.91		146	180	0.183	1920				183000	43.8		1.82	5310	6.43	17.3
		Certified Values:	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25
		CRM LKSD-3 #1	48800	21.4		635	1.19		14000	1.65	75.1	31.1	77.7	0.544	41.4	3.56		2.5	35200				18400	36.5	13.8
		CRM LKSD-3 #2	51700	21.9		618	1.74		13800	1.8	45.4	30.3	74.2	0.563	38.8	2.93		2.32	35200				19600	23.9	21.1

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L	As ug/L	Au ug/L	Ba ug/L	Be ug/L	Bi ug/L	Ca ug/L	Cd ug/L	Ce ug/L	Co ug/L	Cr ug/L	Cs ug/L	Cu ug/L	Dy ug/L	Er ug/L	Eu ug/L	Fe ug/L	Ga ug/L	Gd ug/L	In ug/L	K ug/L	La ug/L	Li ug/L
		Actual Spike Values:	10	10		10	10		10	10		100	100		100				10	10	10		10	10	10
		Spike #1	9.7	10.6		9.8	10		9.89	10.5		93.6	102		93.6				10.2	10	10.4		9.93	10.1	10.3
		Spike #4	9.82	10.9		6.85	9.82		9.31	10.6		84.7	87.8		84.7				9.41	10.5	9.79		9.79	10.2	6.99
		Actual Spike Values:				100						100	100		100										
		Spike #2				99.7						93.6	102		100										
		Spike #5				92.4						84.7	87.8		87.5										
		Actual Spike Values:	10000						10000										10000				10000		
		Spike #3	10200						9820										10000				9930		
		Spike #6	9780						10700										11000				10600		



# Certified Analysis - Elliot Lake Research Field Station

JOB CODE: **GMI14-030**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

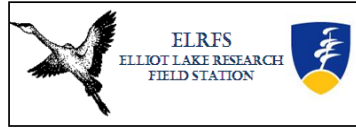
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**Batch: 14-1465 (35)**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 35 (1 reported)  
Dates Analysed/ Analyst: Dec 11, 2014 - March 4, 2015 / Troy Maki  
Submission Date: 2015 03 08

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
41628	A14-1465-001	GMI14-2402	67200	0.642	1.02	708	1.87	<DL	11600	1.2	33.8	5.23	139	0.177	9.43	0.896	0.443	2.65	13200	39.3	3.5	<DL	22100	15	4.97

Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pt	Rb	Rh	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	U	V	W	Y	Yb	Zn
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
0.03	0.1	0.02	3	1	0.3	0.02	0.2	1	0.06	0.05	0.05	0.03	0.03	0.07	0.2	0.6	0.03	0.7	0.02	2	0.01	0.7	1	0.06	0.06	0.2	0.8	0.02	0.03	0.06
0.032	2050	125	<DL	37300	5.42	16.5	17.4	683	9.89	7.02	0.141	33.4	0.232	0.093	2.83	<DL	3.08	1.02	430	6.19	0.333	3.2	1620	0.239	2.6	25.5	3.43	3.03	0.248	71.1

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg
41628	A14-1465-001	GMI14-2402	67200	0.642	1.02	708	1.87	<DL	11600	1.2	33.8	5.23	139	0.177	9.43	0.896	0.443	2.65	13200	39.3	3.5	<DL	22100	15	4.97
		GMI14-2402 DUP	65700	0.638	<DL	724	1.8	<DL	11200	1.23	32.8	5.26	142	0.181	10.3	0.831	0.41	2.68	13000	39.4	3.43	<DL	22000	14.7	5.02

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al mg/Kg	As mg/Kg	Au mg/Kg	Ba mg/Kg	Be mg/Kg	Bi mg/Kg	Ca mg/Kg	Cd mg/Kg	Ce mg/Kg	Co mg/Kg	Cr mg/Kg	Cs mg/Kg	Cu mg/Kg	Dy mg/Kg	Er mg/Kg	Eu mg/Kg	Fe mg/Kg	Ga mg/Kg	Gd mg/Kg	In mg/Kg	K mg/Kg	La mg/Kg	Li mg/Kg	
		Certified Values: CRM PTM-1a #1		2200	3.3							20500			249600				14800							
				2770	3.73								21600			252000				14300						
		Certified Values: CRM SU-1b #1	43000	2.49		350	0.4	2.73	22100	3	35	672	320	0.3	11850	1.4	0.7	0.7	255400	10	2		6000	17		
			49200	15.4		383	0.598	2.63	25200	4.34	33	708	373	0.289	11400	1.48	0.806	1.74	245000	19.3	3.94		7880	17.1		
		Certified Values: CRM RTS-3a #1	51200	18.2		106		31.3	21400	9.21		143	176	0.4	2353				204900	30			1.6	4600	10	10
			53400	26.3		126		34	22000	12.5		160	207	0.262	2490			203000	45.9			1.93	5840	7.59	14.3	
		Certified Values: CRM SY-4 #1																								
		Certified Values: CRM LKSD-3 #1	66200	27		680	1.9		16000	0.6	90	30	87	2.3	35	4.9		1.5	40000				18000	52	25	
			64200	25		678	1.62		17500	2.32	86	32.9	80	1.01	46	4.73		3.34	39700				22100	46.6	21.5	

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Al ug/L	As ug/L	Au ug/L	Ba ug/L	Be ug/L	Bi ug/L	Ca ug/L	Cd ug/L	Ce ug/L	Co ug/L	Cr ug/L	Cs ug/L	Cu ug/L	Dy ug/L	Er ug/L	Eu ug/L	Fe ug/L	Ga ug/L	Gd ug/L	In ug/L	K ug/L	La ug/L	Li ug/L		
		Actual Spike Values:	1	10	10	0.2	0.05	0.3	5	0.05	0.04	0.03	0.4	0.04	0.05	0.02	0.02	0.02	1	0.02	0.05	0.05	6	0.03	0.02		
		Spike #1		9.84	10.8		9.02	9.85		9.84	10.1				9.8		9.95	9.8	9.86		9.45	10.4	9.6		9.72	8.98	
		Spike #4		10.5	5.35		9.09	10.4		10.4	10.2				10.4		10.2	10.4	10.4		9.63	11.2	10.3		10.1	8.57	
		Spike #7		9.64	15.8		10	9.59		9.83	9.6				9.93		9.78	9.71	9.67		9.73	9.69	9.91		9.87	10.1	
		Spike #10		10.8	9.55		9.19	10.3		9.5	10.8				9.88		10.5	10.5	10.5		9.71	10.3	9.5		9.79	9.55	
		Actual Spike Values:					100						100	100		100											
		Spike #2					96.5						97.3	97.7		96.9											
		Spike #5					91.9						87.9	88.9		89.3											
		Spike #8					102						96.5	96.6		101											
		Spike #11					110						106	108		121											
		Actual Spike Values:	10000								10000										10000				10000		
		Spike #3					9140				9840										9950				10000		
Spike #6					10600				11000										11200				11200				
Spike #9					10200				10100										9600				10500				
Spike #12					10000				10200										9480				10700				



# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-001**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

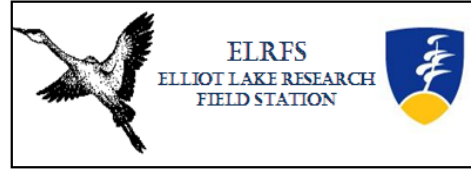
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-760 (51) & 14-761 (35)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 08 12  
Received by: Troy Maki  
# of samples: 51 + 35  
Dates Analysed/ Analyst: Aug. 14, 2014 to Sept. 11, 2014 / Troy Maki  
Submission Date: 2015 02 22

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30251	A14-760-001	GMI14-001	1.07	<DL	31.1	0.885	<DL	1.18	4.71	0.474	<DL
30252	A14-760-002	GMI14-002	<DL	<DL	35	0.64	<DL	1.25	4.82	0.501	5.67
30253	A14-760-003	GMI14-003	<DL	<DL	32.9	<DL	<DL	1.22	4.89	0.486	1.63
30254	A14-760-004	GMI14-004	<DL	<DL	32.3	<DL	<DL	0.983	3.61	0.384	<DL
30255	A14-760-005	GMI14-005	<DL	<DL	33.2	<DL	<DL	1.06	4.48	0.451	<DL
30256	A14-760-006	GMI14-006	1.05	<DL	34.8	2.4	<DL	1.83	7.19	0.722	68.3
30257	A14-760-007	GMI14-007	<DL	7.95	35.5	<DL	<DL	0.911	3.49	0.366	<DL
30258	A14-760-008	GMI14-008	<DL	1290	32.4	1.22	<DL	0.852	3.13	0.327	36.3
30259	A14-760-009	GMI14-009	<DL	68.1	31.4	<DL	<DL	0.834	3.17	0.318	<DL
30260	A14-760-010	GMI14-010	<DL	949	32.5	1.46	<DL	0.969	3.86	0.379	34.8
30261	A14-760-011	GMI14-011	<DL	2540	32.1	1.83	<DL	1.05	4.2	0.418	63.4
30262	A14-760-012	GMI14-012	<DL	5790	33.2	3.55	<DL	1.01	3.89	0.402	134
30263	A14-760-013	GMI14-013	<DL	1810	34.1	0.94	<DL	0.975	3.62	0.371	24.2
30264	A14-760-014	GMI14-014	<DL	2960	33.8	2.12	<DL	0.984	3.96	0.408	83.1
30265	A14-760-015	GMI14-015	<DL	691	33.4	<DL	<DL	0.971	3.92	0.414	1.53
30266	A14-760-016	GMI14-016	<DL	512	33.9	<DL	<DL	1.06	4.01	0.446	2.26
30267	A14-760-017	GMI14-017	<DL	1380	33.8	0.699	<DL	1.1	4.05	0.449	15.4
30268	A14-760-018	GMI14-018	<DL	1640	36.3	0.941	<DL	1.11	4.23	0.443	23.1
30269	A14-760-019	GMI14-019	<DL	1590	34.5	0.781	<DL	1.09	4.04	0.445	16.7
30270	A14-760-020	GMI14-020	<DL	1550	36.6	0.972	<DL	1.13	4.42	0.474	27.9
30271	A14-760-021	GMI14-021	<DL	2660	34.5	1.79	<DL	1.07	4.1	0.436	60.6
30272	A14-760-022	GMI14-022	<DL	2080	36.5	1.3	<DL	1.17	4.36	0.481	36.9
30273	A14-760-023	GMI14-023	<DL	3200	37	2.76	<DL	1.39	5.35	0.565	95.4
30274	A14-760-024	GMI14-024	<DL	3140	37.9	2.68	<DL	1.49	5.53	0.601	91.9
30275	A14-760-025	GMI14-025	<DL	2490	32.5	0.926	<DL	0.921	3.57	0.406	26.1
30276	A14-760-026	GMI14-026	<DL	787	36	1.96	<DL	1.45	5.3	0.592	49.1
30277	A14-760-027	GMI14-027	<DL	548	37.8	1.64	<DL	1.5	5.7	0.626	50.9
30278	A14-760-028	GMI14-028	<DL	602	35.8	1.54	<DL	1.43	5.52	0.591	44
30279	A14-760-029	GMI14-029	<DL	3410	39.7	3.29	<DL	1.52	5.85	0.611	124
30280	A14-760-030	GMI14-030	<DL	1870	37.3	1.18	<DL	1.12	4.51	0.471	37.5
30281	A14-760-031	GMI14-031	<DL	2150	38.6	1.68	<DL	1.09	4.73	0.468	49.7
30282	A14-760-032	GMI14-032	<DL	3320	44.7	2.58	<DL	1.35	5.89	0.585	96.5
30283	A14-760-033	GMI14-033	<DL	4440	38.4	3.02	<DL	1.16	4.85	0.483	114
30284	A14-760-034	GMI14-034	<DL	6880	40.2	4.22	<DL	1.18	4.75	0.462	171



30285	A14-760-035	GMI14-035	<DL	9630	40.7	5.54	<DL	1.14	4.74	0.437	228
30286	A14-760-036	GMI14-036	<DL	10200	42.1	6.09	<DL	1.17	5.1	0.506	251
30287	A14-760-037	GMI14-037	<DL	4500	40.9	3.1	<DL	1.19	4.78	0.458	124
30288	A14-760-038	GMI14-038	<DL	5170	39.6	3.1	<DL	1.09	4.6	0.435	136
30289	A14-760-039	GMI14-039	<DL	2040	41.5	1.07	<DL	1.2	5	0.501	29.9
30290	A14-760-040	GMI14-040	<DL	2350	42.2	1.07	<DL	1.2	5.09	0.493	32
30291	A14-760-041	GMI14-041	<DL	2310	41.8	0.903	<DL	1.14	5.01	0.448	16.5
30292	A14-760-042	GMI14-042	<DL	2030	39.8	1.05	<DL	1.33	5.47	0.524	31.5
30293	A14-760-043	GMI14-043	<DL	2070	39.2	1.05	<DL	1.25	5.42	0.541	30
30294	A14-760-044	GMI14-044	<DL	2290	39.2	1.01	<DL	1.27	5.33	0.515	33.2
30295	A14-760-045	GMI14-045	<DL	2250	40.7	1.05	<DL	1.25	5.38	0.508	26.4
30296	A14-760-046	GMI14-046	<DL	3930	45.2	2.23	<DL	1.33	5.72	0.538	74.5
30297	A14-760-047	GMI14-047	<DL	3770	45	1.66	<DL	1.32	5.6	0.54	51.1
30298	A14-760-048	GMI14-048	<DL	4130	43.9	1.77	<DL	1.35	5.64	0.557	62.2
30299	A14-760-049	GMI14-049	<DL	5480	43.5	3.48	<DL	1.3	5.44	0.539	122
30300	A14-760-050	GMI14-050	<DL	2330	35	2.05	<DL	0.994	4.58	0.408	77.6
30301	A14-760-051	GMI14-051	<DL	9880	43.4	5.61	<DL	1.25	5.53	0.509	240
30302	A14-761-001	GMI14-052	1.2	7560	40.3	0.708	<DL	0.847	2.62	0.366	<DL
30303	A14-761-002	GMI14-053	<DL	8290	38.5	0.612	<DL	0.809	2.41	0.32	9.37
30304	A14-761-003	GMI14-054	<DL	8040	39.2	0.828	<DL	0.785	2.39	0.31	8.57
30305	A14-761-004	GMI14-055	<DL	8510	37.6	0.765	<DL	0.715	2.2	0.293	16.3
30306	A14-761-005	GMI14-056	1.05	11900	43.4	3.05	<DL	1.2	3.67	0.478	105
30307	A14-761-006	GMI14-057	1.06	17500	45.6	4.83	<DL	1.22	4.04	0.494	182
30308	A14-761-007	GMI14-058	1.11	23700	42.2	6.01	<DL	1.28	4.09	0.535	234
30309	A14-761-008	GMI14-059	1.09	23700	43.5	5.55	<DL	1.29	4.09	0.548	227
30310	A14-761-009	GMI14-060	1.19	26200	48.2	6.33	<DL	1.37	4.33	0.583	247
30311	A14-761-010	GMI14-061	1.08	19900	46	4.87	<DL	1.33	3.98	0.563	178
30312	A14-761-011	GMI14-062	<DL	11600	43.6	2.53	<DL	1.28	3.7	0.521	93.7
30313	A14-761-012	GMI14-063	<DL	1860	39.7	1.21	<DL	1.2	3.61	0.486	27.3
30314	A14-761-013	GMI14-064	<DL	1940	42.8	1.08	<DL	1.18	3.42	0.49	21.3
30315	A14-761-014	GMI14-065	<DL	1790	42.3	1.21	<DL	1.2	3.56	0.512	26.1
30316	A14-761-015	GMI14-066	<DL	1890	42.2	0.898	<DL	1.09	3.25	0.473	15.5
30317	A14-761-016	GMI14-067	<DL	2070	43.3	0.67	<DL	1.09	3.17	0.43	10.6
30318	A14-761-017	GMI14-068	<DL	2800	43.8	0.681	<DL	0.991	2.88	0.409	6.95
30319	A14-761-018	GMI14-069	<DL	2460	40.2	1.03	<DL	1.11	3.26	0.465	17.3
30320	A14-761-019	GMI14-070	<DL	2820	40.4	1.23	<DL	1.27	3.63	0.521	38.3
30321	A14-761-020	GMI14-071	1.02	14900	42.6	4.12	<DL	1.33	3.9	0.532	165
30322	A14-761-021	GMI14-072	<DL	10300	44.1	3.01	<DL	1.32	3.98	0.546	114
30323	A14-761-022	GMI14-073	<DL	8110	43.2	2.51	<DL	1.24	3.81	0.499	92.5
30324	A14-761-023	GMI14-074	1.05	9800	43.9	3.56	<DL	1.53	4.68	0.632	128
30325	A14-761-024	GMI14-075	<DL	10100	38.8	2.52	<DL	0.865	2.74	0.358	88.8
30326	A14-761-025	GMI14-076	1.05	9290	45.5	3.67	<DL	1.48	4.8	0.584	139
30327	A14-761-026	GMI14-077	1.4	3440	49.5	5.1	<DL	2.29	7.51	0.935	179
30328	A14-761-027	GMI14-078	1.25	3920	49.8	4.31	<DL	1.93	6.24	0.768	140
30329	A14-761-028	GMI14-079	1.02	3310	44.5	2.12	<DL	1.31	4.23	0.548	62.5
30330	A14-761-029	GMI14-080	1.06	9890	45.7	3.19	<DL	1.29	4.21	0.531	117
30331	A14-761-030	GMI14-081	1.02	10100	44.7	3.23	<DL	1.34	4.22	0.539	113
30332	A14-761-031	GMI14-082	<DL	11100	42	3.44	<DL	1.25	3.97	0.525	126
30333	A14-761-032	GMI14-083	1.03	11000	41.1	3.56	<DL	1.11	3.5	0.437	109
30334	A14-761-033	GMI14-084	<DL	13200	41.8	3.45	<DL	0.94	3.03	0.382	132
30335	A14-761-034	GMI14-085	1.05	17600	43.7	5.36	<DL	1.22	3.79	0.489	218
30336	A14-761-035	GMI14-086	1.12	15700	43.9	5.61	<DL	1.48	4.56	0.609	208

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30275	A14-760-025	GMI14-025	<DL	2490	32.5	0.926	<DL	0.921	3.57	0.406	26.1
		GMI14-025 DUP	<DL	137	32.7	<DL	<DL	0.974	3.79	0.384	<DL
30301	A14-760-051	GMI14-051	<DL	9880	43.4	5.61	<DL	1.25	5.53	0.509	240
		GMI14-051 DUP	<DL	5960	42.2	3.29	<DL	1.3	5.35	0.529	130
30326	A14-761-025	GMI14-076	1.05	9290	45.5	3.67	<DL	1.48	4.8	0.584	139
		GMI14-076 DUP	1.14	15200	44.5	5.03	<DL	1.57	4.92	0.665	203
30336	A14-761-035	GMI14-086	1.12	15700	43.9	5.61	<DL	1.48	4.56	0.609	208
		GMI14-086 DUP	1.1	20100	48.7	6.37	<DL	1.58	5.15	0.613	256

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	2.46				<DL	0.28			
		CRM SU-1b #2	2.51				<DL	0.328			
		CRM SU-1b #3	3.07				<DL	0.296			
		CRM SU-1b #4	2.56				<DL	0.283			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				<DL					<DL
		CRM RTS-3a #2				<DL					4.01
		CRM RTS-3a #3				1.33					35.8
		CRM RTS-3a #4				3.9					164
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		2210	16.6	1.13		5.08	20.4	2.5	67.6
		CRM SY-4 #2		1160	19.1	<DL		5.67	23.9	2.82	41.2
		CRM SY-4 #3		5760	20.7	1.21		4.7	15.4	2.46	73.3
		CRM SY-4 #4		3760	22.1	<DL		4.53	14.8	2.28	24
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
CRM LKSD-3 #1	1.91	308		1.3					26.2		
CRM LKSD-3 #2	2.02	1010		1.79					51.5		
CRM LKSD-3 #3	2.1	4030		1.99					58		
CRM LKSD-3 #4	2.22	2670		1.74					40.1		

### SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	8.64	5.27	9.73	10.2	10.7	10.7	11.4	10.5	9.76
		Spike #4	8.7	22.9	10.2	9.88	9.36	11.5	14.7	11.1	9.58
		Spike #7	9.7	<DL	10.3	10.5	11.2	10	10.1	9.99	10.3
		Spike #10	9.07	9.8	10.2	9.82	11.1	10.5	11	10.4	9.99

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-002**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

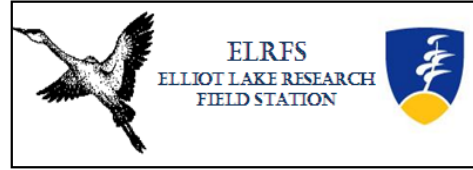
## Client Contact Information:

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**Batch: 14-828 (45)**

## ELRFS Contact Information:

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 08 21  
Received by: Troy Maki  
# of samples: 45  
Dates Analysed/ Analyst: Aug. 22, 2014 - Sept. 12, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30440	A14-828-001	GMI14-087	1.29	39.7	32	3.57	<DL	0.849	3.58	0.366	112
30441	A14-828-002	GMI14-088	<DL	46.2	36.1	3	<DL	0.891	3.09	0.383	106
30442	A14-828-003	GMI14-089	<DL	38.3	33.3	2.41	<DL	0.832	2.85	0.325	95.4
30443	A14-828-004	GMI14-090	<DL	33.3	32.2	2.61	<DL	0.788	2.68	0.323	94.1
30444	A14-828-005	GMI14-091	<DL	30.7	33.5	2.67	<DL	0.798	2.67	0.306	93.5
30445	A14-828-006	GMI14-092	<DL	36.9	32.8	2.5	<DL	0.801	2.7	0.336	93
30446	A14-828-007	GMI14-093	<DL	33.4	32.3	2.61	<DL	0.823	2.75	0.352	92.5
30447	A14-828-008	GMI14-094	<DL	27.5	31.8	2.54	<DL	0.728	2.62	0.285	89.9
30448	A14-828-009	GMI14-095	<DL	26.6	33.6	2.49	<DL	0.78	2.71	0.292	92.2
30449	A14-828-010	GMI14-096	<DL	25	31.3	2.34	<DL	0.733	2.63	0.294	86.1
30450	A14-828-011	GMI14-097	<DL	31.8	30.5	2.62	<DL	0.695	2.52	0.267	94
30451	A14-828-012	GMI14-098	<DL	30.7	34.4	2.59	<DL	0.806	2.8	0.308	93.1
30452	A14-828-013	GMI14-099	<DL	27.8	35	2.62	<DL	0.825	2.84	0.322	92.5
30453	A14-828-014	GMI14-100	<DL	23.9	34.8	2.76	<DL	0.835	2.99	0.304	103
30454	A14-828-015	GMI14-101	<DL	23.9	33.2	2.6	<DL	0.72	2.72	0.288	92.5
30455	A14-828-016	GMI14-102	<DL	23.5	33	3.02	<DL	0.851	3.16	0.313	107
30456	A14-828-017	GMI14-103	<DL	21.6	34.2	3.53	<DL	0.948	3.73	0.364	128
30457	A14-828-018	GMI14-104	<DL	18.8	33.1	3.02	<DL	0.801	3.17	0.314	111
30458	A14-828-019	GMI14-105	<DL	30.5	31.4	2.86	<DL	0.724	2.94	0.278	106
30459	A14-828-020	GMI14-106	<DL	24.7	37.4	3	<DL	0.815	3.14	0.341	110
30460	A14-828-021	GMI14-107	<DL	20.7	37.4	2.9	<DL	0.809	2.99	0.307	103
30461	A14-828-022	GMI14-108	<DL	11.8	36.4	3.3	<DL	0.854	3.32	0.306	117
30462	A14-828-023	GMI14-109	1.09	10.2	44	4.59	<DL	1.35	5.02	0.581	176
30463	A14-828-024	GMI14-110	<DL	15.8	39.5	3.06	<DL	0.88	3.23	0.316	113
30464	A14-828-025	GMI14-111	<DL	21.7	38.5	2.74	<DL	0.84	3.13	0.315	104
30465	A14-828-026	GMI14-112	1.07	25.6	37.9	3.14	<DL	0.68	2.87	0.243	100
30466	A14-828-027	GMI14-113	<DL	36.9	37.9	2.8	<DL	0.679	2.76	0.257	97.4
30467	A14-828-028	GMI14-114	<DL	20.1	39.6	2.61	<DL	0.704	2.74	0.263	97.8
30468	A14-828-029	GMI14-115	<DL	28.9	39.1	2.57	<DL	0.696	2.73	0.272	94.1
30469	A14-828-030	GMI14-116	<DL	26.8	40.6	2.44	<DL	0.761	2.62	0.283	91.8
30470	A14-828-031	GMI14-117	<DL	28.5	39.9	2.52	<DL	0.704	2.6	0.297	90.5
30471	A14-828-032	GMI14-118	<DL	29.9	39.5	2.55	<DL	0.675	2.38	0.266	85.9
30472	A14-828-033	GMI14-119	<DL	31.9	42	2.33	<DL	0.651	2.35	0.253	82.8
30473	A14-828-034	GMI14-120	<DL	29.5	42	2.76	<DL	0.717	2.86	0.277	99.2

30474	A14-828-035	GMI14-121	<DL	35	43.4	2.68	<DL	0.752	2.86	0.311	101
30475	A14-828-036	GMI14-122	<DL	29.3	40.9	2.6	<DL	0.731	2.58	0.248	92.3
30476	A14-828-037	GMI14-123	<DL	22.3	42.2	2.48	<DL	0.715	2.57	0.25	91.8
30477	A14-828-038	GMI14-124	<DL	28.1	42.6	2.53	<DL	0.675	2.58	0.263	88.5
30478	A14-828-039	GMI14-125	<DL	44.8	42.1	2.25	<DL	0.587	2.29	0.212	81.5
30479	A14-828-040	GMI14-126	<DL	25.9	44.9	2.62	<DL	0.733	2.88	0.296	99.9
30480	A14-828-041	GMI14-127	<DL	44.1	44.5	2.51	<DL	0.704	2.66	0.256	94.5
30481	A14-828-042	GMI14-128	<DL	13.9	41	2.73	<DL	0.741	2.7	0.265	97.1
30482	A14-828-043	GMI14-129	<DL	18.2	44.2	2.68	<DL	0.717	2.61	0.28	98.2
30483	A14-828-044	GMI14-130	<DL	9.56	44.2	2.55	<DL	0.63	2.69	0.27	98.3
30484	A14-828-045	GMI14-131	<DL	18.7	43.4	2.66	<DL	0.658	2.54	0.22	97.1

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
30464	A14-828-025	GMI14-111	<DL	21.7	38.5	2.74	<DL	0.84	3.13	0.315	104	
		GMI14-111 DUP	<DL	24.8	41	2.93	<DL	0.875	3.17	0.335	110	
30484	A14-828-045	GMI14-131	<DL	18.7	43.4	2.66	<DL	0.658	2.54	0.22	97.1	
		GMI14-131 DUP	<DL	18.1	43.7	2.87	<DL	0.668	2.54	0.235	98.6	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Certified Values:	6.39				0.3					
		CRM SU-1b #1	4.59				<DL					
		CRM SU-1b #2	3.99				<DL					
		Certified Values:				2					78	
		CRM RTS-3a #1				2.24					83.7	
		CRM RTS-3a #2				2.14					80.5	
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178	
		CRM SY-4 #1		16	16.2	2.19		3.4	12	1.7	111	
		CRM SY-4 #2		19	26	2.4		3.41	12.8	1.8	118	
		Certified Values:	2.7	25		4.8					517	
		CRM LKSD-3 #1	2.34	19.1		3.56					130	
		CRM LKSD-3 #2	2.32	17.5		3.71					135	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Actual Spike Values:	10	10	10	10	10	10	10	10	10	
		Spike #1	9.83	10.9	7.41	9.97	11.3	9.96	9.85	10	10.1	
		Spike #4	10.1	1.64	12.6	9.84	10.9	9.95	9.95	10.1	9.88	

# Informational Values - Elliot Lake Research Field Station

**JOB CODE:** GMIIV14-003

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

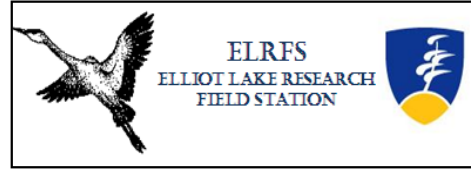
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-829 (52)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 08 21  
Received by: Troy Maki  
# of samples: 52  
Dates Analysed/ Analyst: Aug. 22, 2014 - Sept. 12, 2014 / Troy Maki  
Submission Date: 2015 02 22

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30337	A14-829-001	GMI14-132	1.65	5.29	21.5	4.47	<DL	0.408	4.77	0.169	126
30338	A14-829-002	GMI14-133	<DL	7.66	27.1	2.76	<DL	0.566	5.74	0.202	79.8
30339	A14-829-003	GMI14-134	<DL	5.85	22	3.39	<DL	0.431	7.27	0.134	119
30340	A14-829-004	GMI14-135	1.28	7.08	25.6	4.26	<DL	0.499	9.07	0.179	143
30341	A14-829-005	GMI14-136	1.23	6.82	9.12	4.9	<DL	0.37	4.84	0.189	166
30342	A14-829-006	GMI14-137	<DL	8.81	30.9	1.9	<DL	0.549	2.16	0.198	51.5
30343	A14-829-007	GMI14-138	<DL	7.79	30.4	2.41	<DL	0.391	2.09	0.171	62.4
30344	A14-829-008	GMI14-139	<DL	8.02	25.1	1.54	<DL	0.418	1.96	0.163	45.1
30345	A14-829-009	GMI14-140	<DL	9.38	23.2	2	<DL	0.479	2.9	0.203	49
30346	A14-829-010	GMI14-141	<DL	10	28	1.71	<DL	0.66	2.52	0.245	41.9
30347	A14-829-011	GMI14-142	<DL	11.5	24.6	1.62	<DL	0.685	1.72	0.282	39.5
30348	A14-829-012	GMI14-143	<DL	10.1	24.6	1.65	<DL	0.715	1.45	0.304	36.6
30349	A14-829-013	GMI14-144	<DL	9.15	22.3	2.01	<DL	0.613	1.83	0.215	53.7
30350	A14-829-014	GMI14-145	1.25	9.32	44	2.78	<DL	0.804	5.12	0.273	100
30351	A14-829-015	GMI14-146	<DL	11.1	26.5	2.07	<DL	0.737	2.4	0.316	48.9
30352	A14-829-016	GMI14-147	<DL	8.65	28.8	2.69	<DL	0.633	4.26	0.246	78.4
30353	A14-829-017	GMI14-148	1.02	11.1	33.5	2.5	<DL	0.724	6.15	0.271	71
30354	A14-829-018	GMI14-149	<DL	10.3	45.8	1.87	<DL	0.62	2.3	0.232	52
30355	A14-829-019	GMI14-150	<DL	10.4	26.6	2.46	<DL	0.457	2.75	0.188	72.5
30356	A14-829-020	GMI14-151	<DL	10.3	38.5	2	<DL	0.629	3.18	0.251	51
30357	A14-829-021	GMI14-152	1.01	8.47	12	3.86	<DL	0.47	7.36	0.196	137
30358	A14-829-022	GMI14-153	<DL	7.05	34.4	2.5	<DL	0.691	5.2	0.255	81.2
30359	A14-829-023	GMI14-154	<DL	7.37	25	2.76	<DL	0.539	6.36	0.22	87.8
30360	A14-829-024	GMI14-155	<DL	9.57	29.5	2.07	<DL	0.657	3.02	0.261	51.6
30361	A14-829-025	GMI14-156	<DL	10	33.6	1.65	<DL	0.66	1.42	0.248	36.3
30362	A14-829-026	GMI14-157	1.02	6.96	50.4	1.77	<DL	0.868	2.21	0.366	49.9
30363	A14-829-027	GMI14-158	<DL	10.1	40.2	2.13	<DL	0.804	2.09	0.316	45.8
30364	A14-829-028	GMI14-159	2.23	20.3	10.6	9.88	<DL	0.634	12.1	0.237	454
30365	A14-829-029	GMI14-160	1.07	12.9	17.4	4.22	<DL	0.564	6.02	0.234	165
30366	A14-829-030	GMI14-161	1.28	5.22	<DL	5.66	<DL	0.259	5.72	0.099	224
30367	A14-829-031	GMI14-162	1.28	4.78	1.7	5.49	<DL	0.262	5.88	0.106	235
30368	A14-829-032	GMI14-163	<DL	1.83	17.6	3.87	<DL	0.343	4.97	0.136	152
30369	A14-829-033	GMI14-164	1.43	4.73	6.37	5.77	<DL	0.259	5.07	0.105	268
30370	A14-829-034	GMI14-165	1.58	3.73	12.9	6.06	<DL	0.253	5.29	0.113	273

30371	A14-829-035	GMI14-166	<DL	3.56	38.4	2.89	<DL	0.595	4.88	0.24	91.5
30372	A14-829-036	GMI14-167	1.11	2.53	19.2	4.67	<DL	0.444	5.91	0.176	196
30373	A14-829-037	GMI14-168	<DL	3.48	36.6	1.67	<DL	0.547	1.64	0.218	36.5
30374	A14-829-038	GMI14-169	<DL	2.19	44.4	1.7	<DL	0.469	1.62	0.196	39.9
30375	A14-829-039	GMI14-170	1.52	20.5	32.8	3.96	<DL	0.579	4.96	0.197	139
30376	A14-829-040	GMI14-171	<DL	2.32	36.8	1.81	<DL	0.471	1.77	0.187	46
30377	A14-829-041	GMI14-172	<DL	2.7	52.1	1.94	<DL	0.689	3.08	0.264	50.5
30378	A14-829-042	GMI14-173	<DL	1.61	41.6	1.72	<DL	0.48	1.32	0.19	41.5
30379	A14-829-043	GMI14-174	1.48	4.02	49.1	2.81	<DL	0.365	2.95	0.139	101
30380	A14-829-044	GMI14-175	1.25	2.68	25.5	5.12	<DL	0.385	6.07	0.164	216
30381	A14-829-045	GMI14-176	1.8	2.33	41.1	2.4	<DL	0.697	6.43	0.259	75.7
30382	A14-829-046	GMI14-177	1.06	3.15	30.1	3.17	<DL	0.337	3.65	0.142	94.8
30383	A14-829-047	GMI14-178	1.38	3.91	32.3	4.04	<DL	0.343	4.13	0.131	136
30384	A14-829-048	GMI14-179	<DL	3.54	49.1	1.84	<DL	0.568	1.95	0.247	44.5
30385	A14-829-049	GMI14-180	<DL	<DL	33.9	2.65	<DL	0.39	3.7	0.161	94.4
30386	A14-829-050	GMI14-181	<DL	<DL	45.6	1.55	<DL	0.565	1.41	0.222	34.2
30387	A14-829-051	GMI14-182	<DL	2.79	43.2	1.9	<DL	0.56	1.96	0.2	47.9
30388	A14-829-052	GMI14-183	<DL	3.8	46	1.87	<DL	0.636	1.83	0.254	53.8

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
30361	A14-829-025	GMI14-156	<DL	10	33.6	1.65	<DL	0.66	1.42	0.248	36.3	
		GMI14-156 DUP	<DL	11.7	32.3	1.76	<DL	0.621	1.41	0.256	35.6	
30388	A14-829-052	GMI14-183	<DL	3.8	46	1.87	<DL	0.636	1.83	0.254	53.8	
		GMI14-156 183 DUP	<DL	4.4	45.3	2.1	<DL	0.64	1.86	0.275	51.1	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Certified Values:	6.39				0.3					
		CRM SU-1b #1	3.57				<DL					
		CRM SU-1b #2	3.12				<DL					
		Certified Values:				2					78	
		CRM RTS-3a #1				2.29					80.2	
		CRM RTS-3a #2				2.03					78.4	
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178	
		CRM SY-4 #1		28.4	9.78	2.14		2.58	9.55	1.28	96.9	
		CRM SY-4 #2		18.7	22.2	2.15		2.49	9.3	1.25	95.9	
		Certified Values:	2.7	25		4.8					517	
		CRM LKSD-3 #1	2.01	25.3		3.66					120	
		CRM LKSD-3 #2	2.14	19.8		3.88					123	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Actual Spike Values:	10	10	10	10	10	10	10	10	10	
		Spike #1	9.16	8.35	11.3	9.92	11.6	9.56	9.55	9.63	9.72	
		Spike #4	9.06	9.16	5.12	9.8	10.4	10.3	10	10	9.33	



# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-004**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

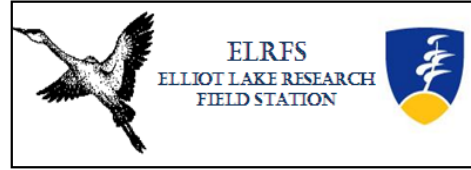
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-830 (51)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 08 21  
Received by: Troy Maki  
# of samples: 51  
Dates Analysed/ Analyst: Aug. 22, 2014 - Sept. 24, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30389	A14-830-001	GMI14-184	1.91	<DL	32	2.26	<DL	0.774	1.92	0.31	50
30390	A14-830-002	GMI14-185	1.9	<DL	31.6	2.29	<DL	0.763	3.38	0.294	62.3
30391	A14-830-003	GMI14-186	4.26	<DL	27.4	2.64	<DL	1.39	10.9	0.473	78.8
30392	A14-830-004	GMI14-187	1.5	<DL	6.14	4.31	<DL	0.261	4.93	0.107	134
30393	A14-830-005	GMI14-188	1.44	<DL	6.32	4.66	<DL	0.182	3.53	0.083	131
30394	A14-830-006	GMI14-189	1.53	<DL	8.89	4.35	<DL	0.419	7.43	0.169	149
30395	A14-830-007	GMI14-190	1.13	<DL	29.5	1.87	<DL	0.814	2.25	0.348	44.8
30396	A14-830-008	GMI14-191	<DL	<DL	27.8	1.49	<DL	0.672	1.72	0.253	35
30397	A14-830-009	GMI14-192	<DL	<DL	26.7	1.62	<DL	0.545	1.97	0.205	37.6
30398	A14-830-010	GMI14-193	1.61	<DL	22.9	4.12	<DL	0.593	4.85	0.216	153
30399	A14-830-011	GMI14-194	1.47	<DL	13.1	5.2	<DL	0.308	4.15	0.114	162
30400	A14-830-012	GMI14-195	2.16	<DL	41	2.61	<DL	0.879	5.59	0.291	103
30401	A14-830-013	GMI14-196	<DL	<DL	27.6	1.53	<DL	0.656	2.25	0.252	39.6
30402	A14-830-014	GMI14-197	2.08	<DL	24.4	4.3	<DL	0.524	7.21	0.205	162
30403	A14-830-015	GMI14-198	1.4	<DL	23.2	2.74	<DL	0.6	5.13	0.24	85.5
30404	A14-830-016	GMI14-199	<DL	<DL	28.3	1.51	<DL	0.676	1.9	0.257	35.8
30405	A14-830-017	GMI14-200	1.66	<DL	5.93	5.21	<DL	0.311	10.2	0.112	226
30406	A14-830-018	GMI14-201	2.21	<DL	28	8.36	<DL	0.635	6.74	0.261	336
30407	A14-830-019	GMI14-202	<DL	<DL	35.3	1.53	<DL	0.657	2.99	0.269	38.9
30408	A14-830-020	GMI14-203	<DL	<DL	31	1.5	<DL	0.694	2.61	0.268	39
30409	A14-830-021	GMI14-204	<DL	<DL	30	1.28	<DL	0.643	1.78	0.262	29.4
30410	A14-830-022	GMI14-205	2.01	<DL	27.9	5.53	<DL	0.597	6.28	0.238	228
30411	A14-830-023	GMI14-206	2.1	<DL	39.3	3.5	<DL	0.786	7.67	0.28	130
30412	A14-830-024	GMI14-207	<DL	<DL	31.9	1.54	<DL	0.709	1.7	0.278	38.3
30413	A14-830-025	GMI14-208	1.59	<DL	33.6	1.83	<DL	0.632	4.16	0.204	53.8
30414	A14-830-026	GMI14-209	1.33	<DL	32.8	1.88	<DL	0.688	2.19	0.264	38.6
30415	A14-830-027	GMI14-210	1.18	<DL	31.2	2.23	<DL	0.832	5.05	0.332	65.1
30416	A14-830-028	GMI14-211	<DL	<DL	33.3	1.68	<DL	0.823	2.49	0.334	42.9
30417	A14-830-029	GMI14-212	<DL	<DL	34.2	1.59	<DL	0.734	2.19	0.289	43
30418	A14-830-030	GMI14-213	<DL	<DL	33.3	1.71	<DL	0.693	2.06	0.274	46.2
30419	A14-830-031	GMI14-214	1.62	<DL	39.9	1.73	<DL	0.674	4.43	0.248	53.5
30420	A14-830-032	GMI14-215	1.33	<DL	25.5	2.85	<DL	0.667	5.45	0.256	85.9
30421	A14-830-033	GMI14-216	1.2	<DL	27.5	3.04	<DL	0.73	3.66	0.295	85.2
30422	A14-830-034	GMI14-217	1.19	<DL	29	2.9	<DL	0.751	3.5	0.316	116

30423	A14-830-035	GMI14-218	2.65	<DL	8.85	7.93	<DL	0.56	16	0.249	388
30424	A14-830-036	GMI14-219	2.15	37.3	19.9	2.4	<DL	0.992	12.1	0.401	80.1
30425	A14-830-037	GMI14-220	2.72	<DL	28.7	3.79	<DL	0.806	5.61	0.289	144
30426	A14-830-038	GMI14-221	1.66	<DL	31.4	5.6	<DL	0.719	3.38	0.289	238
30427	A14-830-039	GMI14-222	1.17	<DL	30.5	2.57	<DL	0.764	2.12	0.3	88.2
30428	A14-830-040	GMI14-223	<DL	<DL	32.5	1.43	<DL	0.851	1.9	0.349	36.6
30429	A14-830-041	GMI14-224	<DL	<DL	31	1.58	<DL	0.697	2.43	0.268	40.4
30430	A14-830-042	GMI14-225	2.53	<DL	32.7	6.97	<DL	0.765	7.94	0.335	362
30431	A14-830-043	GMI14-226	1.17	<DL	34	2.39	<DL	0.671	3.72	0.279	77.6
30432	A14-830-044	GMI14-227	1.32	<DL	28.6	2.68	<DL	0.681	4.21	0.259	102
30433	A14-830-045	GMI14-228	1.31	<DL	29.8	3.17	<DL	0.642	6	0.228	118
30434	A14-830-046	GMI14-229	1.2	<DL	35.7	2.42	<DL	0.733	5.22	0.288	81.2
30435	A14-830-047	GMI14-230	1.04	<DL	33.7	1.97	<DL	0.823	3.44	0.325	60.8
30436	A14-830-048	GMI14-231	<DL	<DL	32.4	1.5	<DL	0.765	1.92	0.3	38.5
30437	A14-830-049	GMI14-232	1.16	<DL	37.8	2.48	<DL	0.718	4.41	0.288	85.7
30438	A14-830-050	GMI14-233	<DL	<DL	33	1.92	<DL	0.738	2.47	0.279	61.7
30439	A14-830-051	GMI14-234	<DL	<DL	34.3	2.06	<DL	0.788	2.66	0.319	64.4

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
30413	A14-830-025	GMI14-208	1.59	<DL	33.6	1.83	<DL	0.632	4.16	0.204	53.8	
		GMI14-208 DUP	1.58	<DL	33.5	1.76	<DL	0.629	4.14	0.195	52.5	
30439	A14-830-051	GMI14-234	<DL	<DL	34.3	2.06	<DL	0.788	2.66	0.319	64.4	
		GMI14-234 DUP	1.2	9.25	35.3	2.58	<DL	0.82	3.43	0.314	94.8	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Certified Values:	6.39				0.3					
		CRM SU-1b #1	7.85				<DL					
		CRM SU-1b #2	6.66				<DL					
		Certified Values:				2					78	
		CRM RTS-3a #1				2.21					79.8	
		CRM RTS-3a #2				2.25					83.1	
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178	
		CRM SY-4 #1		14.1	18.4	2.12		3.64	14.4	1.87	110	
		CRM SY-4 #2		<DL	19.5	2.27		4.51	16.8	2.37	113	
		Certified Values:	2.7	25		4.8					517	
		CRM LKSD-3 #1	4.4	12.5		3.88					136	
		CRM LKSD-3 #2	4.26	<DL		3.67					125	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Actual Spike Values:	10	10	10	10	10	10	10	10	10	
		Spike #1	15	1.16	9.53	10.3	11.1	10.2	10.6	10.4	9.8	
		Spike #4	15.8	<DL	9.23	9.41	10.9	10.2	11.5	10.4	9.29	

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-005**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

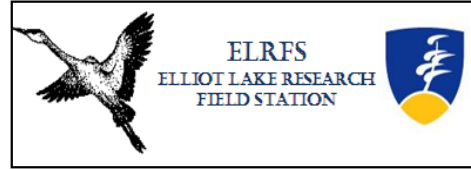
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-831 (27) & 14-858 (12)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 08 28  
Received by: Troy Maki  
# of samples: 27 + 12  
Dates Analysed/ Analyst: Sept. 3 - 24, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30485	A14-831-001	GMI14-235	1.87	12.6	19	5.05	<DL	0.645	7.12	0.251	199
30486	A14-831-002	GMI14-236	1.44	30.4	23.7	3.21	<DL	0.601	5.7	0.211	126
30487	A14-831-003	GMI14-237	1.13	7.77	30	2.68	<DL	0.493	2.75	0.201	88.8
30488	A14-831-004	GMI14-238	<DL	8.04	27	1.83	<DL	0.514	1.67	0.203	56.3
30489	A14-831-005	GMI14-239	<DL	6.9	25.9	2.81	<DL	0.587	3.14	0.224	94.5
30490	A14-831-006	GMI14-240	1.17	7.06	19.7	3.61	<DL	0.697	7.91	0.259	129
30491	A14-831-007	GMI14-241	<DL	7.94	21.4	3.03	<DL	0.656	7.19	0.244	117
30492	A14-831-008	GMI14-242	1.26	6.13	16.4	4.99	<DL	0.572	9.66	0.232	197
30493	A14-831-009	GMI14-243	1.03	4.15	15.9	3.82	<DL	0.567	7.3	0.212	151
30494	A14-831-010	GMI14-244	<DL	4.84	21.1	2.5	<DL	0.519	4.01	0.191	89.6
32004	A14-831-020	GMI14-245	<DL	4.4	22.8	2.14	<DL	0.604	4.19	0.22	71.8
32005	A14-831-021	GMI14-246	<DL	7.06	23.1	2.39	<DL	0.608	2.88	0.242	73.5
32006	A14-831-022	GMI14-247	<DL	5.4	19.7	2.92	<DL	0.455	5.05	0.158	103
32007	A14-831-023	GMI14-248	1.11	3.96	11.2	3.7	<DL	0.362	6.91	0.121	138
32008	A14-831-024	GMI14-249	1.29	3.21	9.98	4.76	<DL	0.359	12.5	0.113	207
32009	A14-831-025	GMI14-250	1.22	3.56	10.6	5.61	<DL	0.406	7.15	0.16	254
32010	A14-831-026	GMI14-251	<DL	4.06	18.5	1.39	<DL	0.387	1.7	0.137	43.3
32011	A14-831-027	GMI14-252	<DL	4.06	20.4	1.41	<DL	0.426	1.27	0.172	38.2
32012	A14-831-028	GMI14-253	<DL	2.98	23.9	3.49	<DL	0.655	5.51	0.247	121
32013	A14-831-029	GMI14-254	<DL	2.83	21.2	2.97	<DL	0.561	4.62	0.221	101
32014	A14-831-030	GMI14-255	<DL	3.53	24.6	1.87	<DL	0.343	1.96	0.124	63.7
32015	A14-831-031	GMI14-256	<DL	1.94	25	1.45	<DL	0.274	2.01	0.09	46.5
32016	A14-831-032	GMI14-257	1.05	<DL	18.9	3.88	<DL	0.532	5.61	0.217	141
32017	A14-831-033	GMI14-258	<DL	<DL	29.4	2.51	<DL	0.595	3.5	0.237	84.2
32018	A14-831-034	GMI14-259	1.04	2.71	15.4	3.47	<DL	0.53	4.98	0.203	135
32019	A14-831-035	GMI14-260	1.47	1.47	12.7	4.81	<DL	0.452	6.9	0.183	182
32020	A14-831-036	GMI14-261	1.32	2.82	14.2	4.62	<DL	0.417	6.43	0.165	178
30243	A14-858-001	GMI14-262	<DL	8.49	60.5	2.41	<DL	0.989	2.07	0.408	57
30244	A14-858-002	GMI14-263	<DL	10.8	27.1	1.85	<DL	0.918	2.06	0.363	43.2
30245	A14-858-003	GMI14-264	<DL	7.31	49.8	1.9	<DL	0.951	1.77	0.374	53.1
30246	A14-858-004	GMI14-265	<DL	10.3	52.2	1.89	<DL	1.35	2.8	0.524	53.3
30247	A14-858-005	GMI14-266	1.27	9.46	31.4	5.08	<DL	0.724	8.76	0.233	202
30248	A14-858-006	GMI14-267	<DL	8.46	48.3	2.33	<DL	0.872	1.76	0.343	71.7
30249	A14-858-007	GMI14-268	<DL	6.4	45.4	2.09	<DL	1.15	2.08	0.468	60.9

<b>30250</b>	<b>A14-858-008</b>	<b>GMI14-269</b>	<DL	13.3	33.2	0.975	<DL	0.374	0.779	0.146	23.3
<b>32151</b>	<b>A14-858-009</b>	<b>GMI14-270</b>	<DL	10.2	42.1	2.48	<DL	0.907	2.97	0.345	79.4
<b>32152</b>	<b>A14-858-010</b>	<b>GMI14-271</b>	<DL	6.28	42.9	1.52	<DL	0.586	1.35	0.215	46.7
<b>32153</b>	<b>A14-858-011</b>	<b>GMI14-272</b>	<DL	5.53	34.6	0.774	<DL	0.51	1.02	0.215	16.6
<b>32154</b>	<b>A14-858-012</b>	<b>GMI14-273</b>	<DL	6.58	48.8	1.49	<DL	0.73	1.63	0.272	48.7

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
32020	A14-831-036	GMI14-261	1.32	2.82	14.2	4.62	<DL	0.417	6.43	0.165	178	
		GMI14-261 DUP	1.41	1.62	13.9	4.87	<DL	0.408	6.49	0.168	185	
32154	A14-858-012	GMI14-273	<DL	6.58	48.8	1.49	<DL	0.73	1.63	0.272	48.7	
		GMI14-273 DUP	<DL	4.86	48.5	1.6	<DL	0.699	1.55	0.255	46.7	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Certified Values:	6.39				0.3					
		CRM SU-1b #1	4.7				<DL					
		CRM SU-1b #2	3.79				<DL					
		Certified Values:				2					78	
		CRM RTS-3a #1				2.3					85.1	
		CRM RTS-3a #2				2.29					82.1	
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178	
		CRM SY-4 #1		16.7	13.5	2.33		3.77	13	1.96	118	
		CRM SY-4 #2		17.4	18.1	2.43		3.71	12.6	1.93	112	
		Certified Values:	2.7	25		4.8					517	
		CRM LKSD-3 #1	2.82	20.4		3.85					136	
		CRM LKSD-3 #2	2.73	20.7		3.59					131	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Actual Spike Values:	10	10	10	10	10	10	10	10	10	
		Spike #1	10.6	9.35	9.95	10	11.2	9.56	9.62	9.69	10.7	
		Spike #4	10.4	1.8	15.1	9.78	10.3	9.64	9.77	9.74	9.8	

# Informational Values - Elliot Lake Research Field Station

**JOB CODE:** GMIIV14-006

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

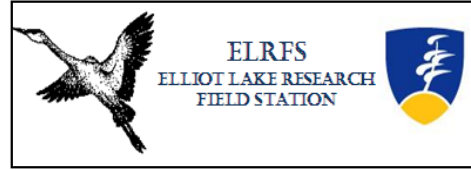
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-832 (41)**

**ELRFS Contact Information:**

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Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 08 28  
Received by: Troy Maki  
# of samples: 41  
Dates Analysed/ Analyst: September 3 - 25, 2014 / Troy Maki  
Submission Date: 2015 02 22

**Dr. Graeme Spiers - ELRFS Director**

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
30203	A14-832-001	GMI14-274	1.94	10.6	25.4	1.81	<DL	0.583	1.58	0.2	31.4
30204	A14-832-002	GMI14-275	1.54	9.62	9.06	2.54	<DL	0.313	1.78	0.089	87.6
30205	A14-832-003	GMI14-276	1.05	7.69	15.6	1.34	<DL	0.423	1.07	0.148	32.7
30206	A14-832-004	GMI14-277	1.26	23.4	20.5	3	<DL	0.7	2.62	0.262	103
30207	A14-832-005	GMI14-278	1.06	7.16	13.6	2.64	<DL	0.609	2.46	0.2	85.5
30208	A14-832-006	GMI14-279	<DL	15.5	10.8	0.802	<DL	0.29	0.701	0.096	18.1
30209	A14-832-007	GMI14-280	<DL	8.16	0.356	0.691	<DL	0.391	1.05	0.134	20.1
30210	A14-832-008	GMI14-281	<DL	10.4	30.9	1.88	<DL	0.676	1.32	0.281	54
30211	A14-832-009	GMI14-282	<DL	7.45	27.3	1.76	<DL	1.08	2.03	0.416	44.1
30212	A14-832-010	GMI14-283	<DL	12.2	31.9	1.84	<DL	0.89	1.84	0.326	51.6
30213	A14-832-011	GMI14-284	1.12	14.5	22.5	3.22	<DL	0.833	2.78	0.32	114
30214	A14-832-012	GMI14-285	<DL	14	23.9	1.96	<DL	0.756	1.56	0.289	57.6
30215	A14-832-013	GMI14-286	<DL	12.9	16.6	1.13	<DL	0.42	0.888	0.136	31.8
30216	A14-832-014	GMI14-287	<DL	12.1	22.4	1.54	<DL	0.549	1.32	0.201	42.9
30217	A14-832-015	GMI14-288	<DL	11.8	20.1	0.92	<DL	0.398	0.77	0.123	21
30218	A14-832-016	GMI14-289	<DL	10.2	16.1	0.808	<DL	0.304	0.525	0.094	21.6
30219	A14-832-017	GMI14-290	<DL	6.85	28	1.35	<DL	0.775	1.61	0.264	27.9
30220	A14-832-018	GMI14-291	1.18	10.3	27	3.75	<DL	1.05	3.88	0.407	134
30221	A14-832-019	GMI14-292	1.06	28.6	24.9	3.22	<DL	0.905	3.29	0.317	113
30222	A14-832-020	GMI14-293	<DL	15.5	20.1	1.9	<DL	0.507	1.56	0.186	55
30223	A14-832-021	GMI14-294	1.23	12.5	29.2	3.93	<DL	0.812	3.98	0.298	136
30224	A14-832-022	GMI14-295	<DL	13.9	25.6	2.74	<DL	0.752	2.82	0.282	95.2
30225	A14-832-023	GMI14-296	<DL	15.5	25.4	2.74	<DL	0.76	2.72	0.292	96.5
30226	A14-832-024	GMI14-297	<DL	9.61	23.8	2.05	<DL	0.618	4.87	0.215	70.4
30227	A14-832-025	GMI14-298	1.08	19.2	28.7	2.95	<DL	0.813	2.96	0.308	102
30228	A14-832-026	GMI14-299	1.59	20.9	27.5	3.28	<DL	0.588	2.79	0.198	102
30229	A14-832-027	GMI14-300	2.01	13	33.5	5.66	<DL	1.11	5.52	0.432	192
30230	A14-832-028	GMI14-301	<DL	7.38	19.3	0.949	<DL	0.279	0.668	0.087	24.1
30231	A14-832-029	GMI14-302	1.64	8.42	14.8	3.13	<DL	0.53	11.3	0.136	112
30232	A14-832-030	GMI14-303	<DL	5.99	18.6	0.932	<DL	0.226	0.82	0.063	21.7
30233	A14-832-031	GMI14-304	<DL	11	18.8	0.898	<DL	0.261	0.558	0.068	19.6
30234	A14-832-032	GMI14-305	1.77	11.2	34.6	5.14	<DL	0.956	5.2	0.302	187
30235	A14-832-033	GMI14-306	<DL	6.66	24.4	1.72	<DL	0.548	1.61	0.175	50
30236	A14-832-034	GMI14-307	<DL	7.38	21.9	0.84	<DL	0.29	0.591	0.074	21.5

<b>30237</b>	<b>A14-832-035</b>	<b>GMI14-308</b>	<DL	7.59	21.5	0.866	<DL	0.268	0.568	0.075	21.9
<b>30238</b>	<b>A14-832-036</b>	<b>GMI14-309</b>	1	7.16	27.3	2.79	<DL	0.57	2.62	0.194	94.9
<b>30239</b>	<b>A14-832-037</b>	<b>GMI14-310</b>	1.02	11	29.9	2.86	<DL	0.649	2.65	0.232	95.9
<b>30240</b>	<b>A14-832-038</b>	<b>GMI14-311</b>	1.75	10.7	38.4	4.88	<DL	1.08	5.21	0.396	181
<b>30241</b>	<b>A14-832-039</b>	<b>GMI14-312</b>	1.15	3.07	23.1	2.87	<DL	0.788	2.39	0.288	83.9
<b>30242</b>	<b>A14-832-040</b>	<b>GMI14-313</b>	1.75	6.34	39.7	4.92	<DL	0.976	5.07	0.358	175



**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
30227	A14-832-025	GMI14-298	1.08	19.2	28.7	2.95	<DL	0.813	2.96	0.308	102
		GMI14-298 DUP	1.09	22.1	29.3	2.96	<DL	0.858	3.03	0.325	103

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
		Certified Values:	6.39				0.3				
		CRM SU-1b #1	5.47				<DL				
		CRM SU-1b #2	5.46				<DL				
		Certified Values:				2					78
		CRM RTS-3a #1				2.11					78
		CRM RTS-3a #2				2.37					78
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1		15.3	16.5	1.8		2.01	8.63	0.989	86
		CRM SY-4 #2		15.4	19.6	2.03		2.38	9.6	1.17	99.3
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	3.15	17.5		3.51					122
		CRM LKSD-3 #2	3.34	18.2		3.81					127

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	10.8	13.1	6.39	10.3	12.4	10.2	9.98	10.5	10
		Spike #4	11	4.83	6.84	9.91	11.4	9.81	9.81	10.4	9.77

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-007**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

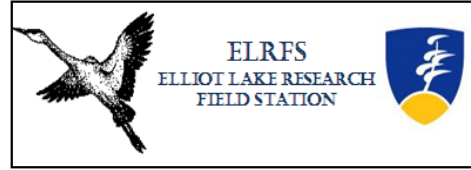
## Client Contact Information:

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-857 (34)**

## ELRFS Contact Information:

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Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 08 28  
Received by: Troy Maki  
# of samples: 34  
Dates Analysed/ Analyst: September 3 - 25, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32021	A14-857-001	GMI14-315	2.93	2.03	14	4.54	<DL	0.319	4.84	0.133	158
32022	A14-857-002	GMI14-316	1.44	4.19	18.3	1.48	<DL	0.227	1.25	0.081	46.2
32023	A14-857-003	GMI14-317	1.4	1.3	27.8	1.93	<DL	0.402	2.48	0.159	64.7
32024	A14-857-004	GMI14-318	2.2	86.7	9.5	2.05	<DL	0.651	7.17	0.252	69.4
32025	A14-857-005	GMI14-319	1.24	11.2	92	1.88	<DL	1.27	2.7	0.535	64.8
32026	A14-857-006	GMI14-320	1.31	3.02	19.9	2.45	<DL	0.308	4.4	0.104	94.2
32027	A14-857-007	GMI14-321	1.13	5.62	23.1	1.75	<DL	0.316	3.44	0.118	62.8
32028	A14-857-008	GMI14-322	1.16	3.14	22.2	2.25	<DL	0.396	4.98	0.143	87.7
32029	A14-857-009	GMI14-323	1.31	3.34	27.5	2.59	<DL	0.534	5.43	0.168	90.4
32030	A14-857-010	GMI14-324	1.3	7.44	15.4	3.28	<DL	0.344	5.28	0.143	142
32031	A14-857-011	GMI14-325	1.04	11.3	24.1	1.73	<DL	0.338	3.21	0.127	57.6
32032	A14-857-012	GMI14-326	<DL	13.7	24.8	1.84	<DL	0.38	2.94	0.148	60.8
32033	A14-857-013	GMI14-327	1.24	9.82	15.5	3.31	<DL	0.339	6.2	0.129	127
32034	A14-857-014	GMI14-328	1.46	9.38	31.1	3.28	<DL	0.696	9.72	0.203	137
32035	A14-857-015	GMI14-329	<DL	8.81	25.4	1.31	<DL	0.357	1.96	0.141	46.4
32036	A14-857-016	GMI14-330	1.27	6.69	25.5	3.62	<DL	0.417	5.89	0.135	146
32037	A14-857-017	GMI14-331	1.38	6.16	10.7	4.05	<DL	0.377	6.6	0.138	172
32038	A14-857-018	GMI14-332	1.54	2.22	<DL	4.67	<DL	0.227	5.92	0.081	174
32039	A14-857-019	GMI14-333	<DL	3.21	28.4	1.4	<DL	0.285	1.52	0.092	39.7
32040	A14-857-020	GMI14-334	1.09	2.56	24.2	2.78	<DL	0.247	4.05	0.076	101
32041	A14-857-021	GMI14-335	1.81	1.95	<DL	5.49	<DL	0.248	5.11	0.099	196
32042	A14-857-022	GMI14-336	1.12	4.14	16.1	2.61	<DL	0.363	4.43	0.122	99.9
32043	A14-857-023	GMI14-337	1.19	4.37	16.9	3.02	<DL	0.361	4.88	0.135	112
32044	A14-857-024	GMI14-338	1.36	4.25	12	3.24	<DL	0.203	3.37	0.072	142
32045	A14-857-025	GMI14-339	1.18	8.02	24.1	2.01	<DL	0.382	3.81	0.14	63.6
32046	A14-857-026	GMI14-340	1.88	8.61	42.3	2.54	<DL	0.318	1.62	0.106	74.9
32047	A14-857-027	GMI14-341	1.34	11.2	44.1	2.11	<DL	0.488	1.92	0.172	65.2
32048	A14-857-028	GMI14-342	1.26	11.7	40.8	2.03	<DL	0.442	2.33	0.147	61
32049	A14-857-029	GMI14-343	1.31	23	47.3	2.38	<DL	0.484	2.13	0.196	86
32050	A14-857-030	GMI14-344	1.14	5.76	86.7	2.58	<DL	1.55	2.94	0.59	67.5
32051	A14-857-031	GMI14-345	2.18	97.4	20.3	2.12	<DL	0.629	7.1	0.2	69.5
32052	A14-857-032	GMI14-346	1.19	49	50.3	2.41	<DL	0.553	2.29	0.213	95.4
32053	A14-857-033	GMI14-347	1.08	47.2	51.3	2.5	<DL	0.673	2.41	0.221	94.3
32054	A14-857-034	GMI14-348	1.17	41.8	48.2	2.33	<DL	0.538	2.33	0.196	91

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
32045	A14-857-025	GMI14-339	1.18	8.02	24.1	2.01	<DL	0.382	3.81	0.14	63.6	
		GMI14-339 DUP	1.41	7.48	26.1	2.03	<DL	0.414	3.68	0.147	63.2	
32054	A14-857-034	GMI14-348	1.17	41.8	48.2	2.33	<DL	0.538	2.33	0.196	91	
		GMI14-348 DUP	1.13	40.9	50.5	2.31	<DL	0.625	2.36	0.218	92.5	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Certified Values:	<b>6.39</b>				<b>0.3</b>					
		CRM SU-1b #1	5.39				<DL					
		CRM SU-1b #2	5.35				<DL					
		Certified Values:				<b>2</b>					<b>78</b>	
		CRM RTS-3a #1				2.35					87	
		CRM RTS-3a #2				2.12					81.5	
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>	
		CRM SY-4 #1		23.6	21.2	1.97		1.95	8.71	0.872	99.9	
		CRM SY-4 #2		23.1	33.3	1.94		2.14	9.51	1.02	100	
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>	
		CRM LKSD-3 #1	2.96	28.2		3.61					128	
		CRM LKSD-3 #2	3.1	30.5		3.69					133	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	
		Spike #7	11.7	11.1	18	10.1	12.1	10	9.82	9.85	10.3	
		Spike #10	10.8	20.8	18.3	9.51	10.4	10	9.82	10.3	10.6	

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-008**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

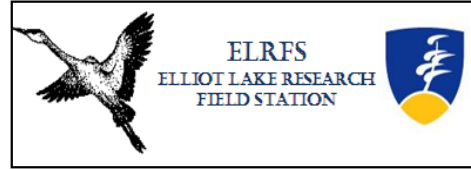
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-831 (9) & 14-873 (11) & 14-856 (35)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 09 09  
Received by: Troy Maki  
# of samples: 9 + 11 + 35  
Dates Analysed/ Analyst: Sept. 16 - Oct. 23, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32495	A14-831-011	GMI14-349	<DL	7.47	31.3	2.32	<DL	0.836	2.99	0.332	52.4
32496	A14-831-012	GMI14-350	1.1	5.82	25.5	2.58	<DL	0.878	5.91	0.347	82.6
32497	A14-831-013	GMI14-351	1.44	4.48	11.9	4.53	<DL	0.834	12.2	0.32	186
32498	A14-831-014	GMI14-352	<DL	2.17	22.8	2.67	<DL	0.866	5.31	0.342	97.2
32499	A14-831-015	GMI14-353	1.35	65	11.3	2.46	<DL	0.992	9.65	0.372	78.5
32500	A14-831-016	GMI14-354	1.45	3.49	43.1	2.68	<DL	1	5.02	0.414	104
32001	A14-831-017	GMI14-355	<DL	4.64	21.5	2.57	<DL	0.732	5.75	0.281	90.5
32002	A14-831-018	GMI14-356	1.06	2.82	20.7	2.99	<DL	0.875	8.69	0.328	112
32003	A14-831-019	GMI14-357	<DL	1.25	25	1.93	<DL	0.794	5.16	0.317	62
32155	A14-873-001	GMI14-358	<DL	3.84	36.6	3.14	<DL	1.73	3.82	0.729	105
32156	A14-873-002	GMI14-359	<DL	5.68	33.8	1.21	<DL	0.74	1.37	0.296	34.5
32157	A14-873-003	GMI14-360	<DL	7.1	45	1.59	<DL	1.19	2.23	0.475	33.1
32158	A14-873-004	GMI14-361	<DL	5.25	36	1.6	<DL	1.05	2.05	0.437	45.9
32159	A14-873-005	GMI14-362	<DL	6.52	33.9	1.34	<DL	0.861	1.66	0.348	40.7
32160	A14-873-006	GMI14-363	<DL	2.7	35.6	1.71	<DL	0.968	1.81	0.407	48.5
32161	A14-873-007	GMI14-364	<DL	4.28	40.4	2.27	<DL	1.27	2.34	0.533	67.3
32162	A14-873-008	GMI14-365	<DL	5.23	40.1	1.63	<DL	1.27	2.26	0.506	47.7
32163	A14-873-009	GMI14-366	1.17	<DL	7.14	1	<DL	0.444	0.901	0.188	31
32164	A14-873-010	GMI14-367	1.02	3.8	42.5	2.57	<DL	1.24	2.38	0.512	85.2
32165	A14-873-011	GMI14-368	<DL	5.12	48.2	1.75	<DL	0.948	1.67	0.383	52.1
32055	A14-856-001	GMI14-369	1.08	20.9	44.6	2.74	<DL	0.891	2.88	0.356	92
32056	A14-856-002	GMI14-370	<DL	25.9	44.4	2.35	<DL	0.89	2.86	0.356	89.4
32057	A14-856-003	GMI14-371	<DL	23.3	44.3	2.33	<DL	0.883	2.86	0.345	87.7
32058	A14-856-004	GMI14-372	<DL	24.7	40.2	2.23	<DL	0.847	2.71	0.332	86.9
32059	A14-856-005	GMI14-373	<DL	24.8	40.9	2.17	<DL	0.828	2.58	0.324	84
32060	A14-856-006	GMI14-374	<DL	27.9	44.1	2.14	<DL	0.815	2.56	0.336	82
32061	A14-856-007	GMI14-375	<DL	23.7	43.3	2.09	<DL	0.759	2.49	0.315	78.4
32062	A14-856-008	GMI14-376	<DL	34.5	45.8	2.26	<DL	0.857	2.71	0.362	85.4
32063	A14-856-009	GMI14-377	<DL	36	47.4	2.27	<DL	0.888	2.76	0.355	87.3
32064	A14-856-010	GMI14-378	<DL	33.6	49	2.74	<DL	1.02	3.3	0.426	105
32065	A14-856-011	GMI14-379	<DL	35.3	43.4	1.83	<DL	0.689	2.16	0.287	68.5
32066	A14-856-012	GMI14-380	<DL	30.9	45.8	1.97	<DL	0.757	2.44	0.313	74.1
32067	A14-856-013	GMI14-381	<DL	28.6	48.4	2.01	<DL	0.832	2.6	0.34	79.2
32068	A14-856-014	GMI14-382	<DL	26.2	48.2	2.16	<DL	0.833	2.62	0.352	82.1

32069	A14-856-015	GMI14-383	<DL	23.9	50.8	2.23	<DL	0.855	2.82	0.329	85.6
32070	A14-856-016	GMI14-384	<DL	14.1	48.4	2.28	<DL	0.8	2.77	0.336	89.2
32071	A14-856-017	GMI14-385	<DL	9.53	47.5	2.06	<DL	0.759	2.65	0.287	78.9
32072	A14-856-018	GMI14-386	<DL	57.6	46.2	1.97	<DL	0.685	2.37	0.291	71.6
32073	A14-856-019	GMI14-387	<DL	20.5	46.4	1.92	<DL	0.738	2.46	0.303	75
32074	A14-856-020	GMI14-388	<DL	22.2	48.8	2.11	<DL	0.811	2.67	0.314	82.9
32075	A14-856-021	GMI14-389	<DL	17	59.6	2.77	<DL	1.02	3.37	0.439	103
32076	A14-856-022	GMI14-390	<DL	17.3	50.5	2.18	<DL	0.831	2.83	0.337	83.8
32077	A14-856-023	GMI14-391	<DL	15.3	52.5	2.32	<DL	0.806	2.9	0.329	87.1
32078	A14-856-024	GMI14-392	<DL	15.8	50.7	2.19	<DL	0.813	2.82	0.352	84.4
32079	A14-856-025	GMI14-393	<DL	11.7	52.8	2.15	<DL	0.837	2.74	0.319	82.3
32080	A14-856-026	GMI14-394	1.17	22.9	70.7	2.45	<DL	0.626	1.9	0.272	65.9
32081	A14-856-027	GMI14-395	<DL	23.4	66.1	2.05	<DL	0.631	1.93	0.277	68.9
32082	A14-856-028	GMI14-396	1.02	20.9	79.9	2.63	<DL	0.866	2.65	0.372	94.2
32083	A14-856-029	GMI14-397	1.01	20.2	80.8	2.66	<DL	0.86	2.72	0.353	97.3
32084	A14-856-030	GMI14-398	<DL	23.8	86.8	2.84	<DL	0.899	2.89	0.404	101
32085	A14-856-031	GMI14-399	<DL	23	87.5	2.85	<DL	0.904	2.79	0.407	100
32086	A14-856-032	GMI14-400	<DL	21.7	76.2	2.68	<DL	0.919	2.71	0.381	91
32087	A14-856-033	GMI14-401	1.02	24.1	83.8	2.76	<DL	0.91	2.93	0.412	101
32088	A14-856-034	GMI14-402	1.14	22.2	90.9	3.49	<DL	1.1	3.56	0.478	124
32089	A14-856-035	GMI14-403	1.05	19	93.3	3.24	<DL	1.04	3.21	0.451	113

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
32003	A14-831-019	GMI14-357	<DL	1.25	25	1.93	<DL	0.794	5.16	0.317	62	
		GMI14-357 DUP	<DL	2.13	26.4	1.99	<DL	0.878	5.66	0.33	65.8	
32165	A14-873-011	GMI14-368	<DL	5.12	48.2	1.75	<DL	0.948	1.67	0.383	52.1	
		GMI14-368 DUP	<DL	4.03	47.9	1.67	<DL	0.926	1.66	0.396	49.4	
32079	A14-856-025	GMI14-393	<DL	11.7	52.8	2.15	<DL	0.837	2.74	0.319	82.3	
		GMI14-393 DUP	<DL	16	54.6	2.14	<DL	0.875	2.81	0.341	84.6	
32089	A14-856-035	GMI14-403	1.05	19	93.3	3.24	<DL	1.04	3.21	0.451	113	
		GMI14-403 DUP	1.05	20.7	92.7	3.12	<DL	1.04	3.3	0.457	113	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		<b>Certified Values:</b>	<b>6.39</b>				<b>0.3</b>					
		CRM SU-1b #1	3.45				<DL					
		CRM SU-1b #2	3.56				<DL					
		CRM SU-1b #3	3.16				<DL					
		CRM SU-1b #4	3.08				<DL					
		<b>Certified Values:</b>				<b>2</b>					<b>78</b>	
		CRM RTS-3a #1				2.04					80.4	
		CRM RTS-3a #2				2.04					78.4	
		CRM RTS-3a #3				2.2					78.8	
		CRM RTS-3a #4				2.18					73.8	
		<b>Certified Values:</b>		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>	
		CRM SY-4 #1		10.3	17.9	2.14		4.53	15.4	2.29	113	
		CRM SY-4 #2		7.16	28.5	2.24		4.63	16.8	2.35	111	
		CRM SY-4 #3		25.6	47.4	2.57		4.48	14.8	2.24	119	
		CRM SY-4 #4		24.4	51.1	2.23		4.01	13.4	2.01	101	
		<b>Certified Values:</b>	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>	
		CRM LKSD-3 #1	2.36	13.5		3.46					127	
		CRM LKSD-3 #2	2.35	8.62		3.38					121	
		CRM LKSD-3 #3	2.5	28.3		3.63					121	
		CRM LKSD-3 #4	2.54	28.7		3.55					124	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		<b>Actual Spike Values:</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	
		Spike #1	9.34	10.4	0.983	9.87	10.7	10.2	10.1	10.2	10.4	
		Spike #4	9.71	<DL	1.34	9.33	9.67	10.6	10.9	10.5	9.85	
		Spike #7	9.18	6.53	5.36	9.74	11.5	9.38	9.23	9.08	9.54	
		Spike #10	9.4	8.61	12.6	9.49	9.68	8.96	9.5	8.77	9.09	

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-009**

Swastika Ore Samples from Good Mining

Three Acid Digest with ICP-MS Analysis

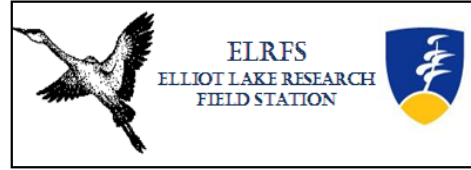
## Client Contact Information:

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-941 (49)**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 09 23  
Received by: Troy Maki  
# of samples: 49  
Dates Analysed/ Analyst: Sept. 24 - Oct. 24, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32090	A14-941-001	GMI14-404	<DL	36.2	78.3	2.86	<DL	0.877	2.92	0.353	104
32091	A14-941-002	GMI14-405	1.02	33.6	77.1	2.63	<DL	0.82	2.69	0.314	98.3
32092	A14-941-003	GMI14-406	1.05	39.6	77	2.74	<DL	0.874	2.77	0.351	99.5
32093	A14-941-004	GMI14-407	1.01	39	78.2	2.5	<DL	0.868	2.7	0.343	98.1
32094	A14-941-005	GMI14-408	<DL	45.3	76.9	2.66	<DL	0.826	2.71	0.328	97
32095	A14-941-006	GMI14-409	<DL	48.1	78.4	2.79	<DL	0.849	2.7	0.322	97.3
32096	A14-941-007	GMI14-410	<DL	52	72.8	2.1	<DL	0.739	2.3	0.281	79
32097	A14-941-008	GMI14-411	<DL	54.6	77.5	2.28	<DL	0.751	2.36	0.294	83.6
32098	A14-941-009	GMI14-412	<DL	48.4	85.5	2.33	<DL	0.775	2.52	0.332	92.1
32099	A14-941-010	GMI14-413	<DL	34.5	77.2	2.08	<DL	0.712	2.22	0.302	77
32100	A14-941-011	GMI14-414	1.02	33.5	97.8	2.86	<DL	1	2.96	0.418	107
32101	A14-941-012	GMI14-415	<DL	41.5	87.6	2.2	<DL	0.719	2.23	0.301	76.4
32102	A14-941-013	GMI14-416	<DL	57.7	78.5	2.32	<DL	0.765	2.3	0.302	81.6
32103	A14-941-014	GMI14-417	<DL	55	87	2.73	<DL	0.875	2.67	0.365	95.2
32104	A14-941-015	GMI14-418	1.03	48	86.7	2.84	<DL	0.928	2.94	0.371	103
32105	A14-941-016	GMI14-419	1.01	47	87.2	2.8	<DL	0.918	2.87	0.377	101
32106	A14-941-017	GMI14-420	1.02	33.3	100	2.5	<DL	0.8	2.57	0.317	92
32107	A14-941-018	GMI14-421	<DL	32	97.3	2.29	<DL	0.725	2.37	0.295	83.5
32108	A14-941-019	GMI14-422	<DL	29.3	86.8	2.64	<DL	0.845	2.56	0.324	95.7
32109	A14-941-020	GMI14-423	1.05	44.7	92.4	2.68	<DL	0.856	2.68	0.363	98
32110	A14-941-021	GMI14-424	1.01	76.8	92.2	2.68	<DL	0.875	2.81	0.317	94.8
32111	A14-941-022	GMI14-425	<DL	60.9	92.3	2.68	<DL	0.885	2.86	0.341	102
32112	A14-941-023	GMI14-426	1.09	53.8	97	3.03	<DL	1	3.24	0.464	110
32113	A14-941-024	GMI14-427	1.03	59.5	93.5	2.32	<DL	0.825	2.48	0.314	89.8
32114	A14-941-025	GMI14-428	<DL	65.9	94.2	2.36	<DL	0.785	2.39	0.278	84.7
32115	A14-941-026	GMI14-429	1.22	34.9	102	2.56	<DL	0.781	2.56	0.273	88.5
32116	A14-941-027	GMI14-430	1.1	40.1	105	2.14	<DL	0.703	2.36	0.293	81
32117	A14-941-028	GMI14-431	1.08	50.1	106	2.51	<DL	0.779	2.54	0.311	88.9
32118	A14-941-029	GMI14-432	<DL	49.7	109	2.78	<DL	0.875	2.72	0.345	95.1
32119	A14-941-030	GMI14-433	<DL	53.2	108	2.4	<DL	0.88	2.77	0.337	93.1
32120	A14-941-031	GMI14-434	1.17	59.5	112	2.62	<DL	0.928	2.91	0.373	100
32121	A14-941-032	GMI14-435	1.11	49.6	110	2.86	<DL	0.878	2.93	0.377	102
32122	A14-941-033	GMI14-436	1.02	43.8	109	2.77	<DL	0.889	2.85	0.339	99.9
32123	A14-941-034	GMI14-437	<DL	40.8	109	2.6	<DL	0.861	2.77	0.339	99.3

32124	A14-941-035	GMI14-438	1.01	42.3	113	2.64	<DL	0.87	2.9	0.332	103
32125	A14-941-036	GMI14-439	1.21	36	129	2.89	<DL	1.06	3.1	0.39	111
32126	A14-941-037	GMI14-440	1.17	23.4	77.2	3.18	<DL	0.655	3.99	0.263	121
32127	A14-941-038	GMI14-441	1.48	13.9	56.9	3.71	<DL	0.609	5.87	0.225	145
32128	A14-941-039	GMI14-442	1.13	11.9	68.4	2.52	<DL	0.57	5.65	0.254	75
32129	A14-941-040	GMI14-443	1.44	13.2	96.8	2.12	<DL	0.624	4.35	0.26	76.2
32130	A14-941-041	GMI14-444	1.01	15.1	85.1	1.92	<DL	0.638	5.97	0.24	63.1
32131	A14-941-042	GMI14-445	1.23	14.4	76.1	2.37	<DL	0.526	4.3	0.222	82.2
32132	A14-941-043	GMI14-446	<DL	16.4	78.6	1.92	<DL	0.379	2.04	0.127	70.3
32133	A14-941-044	GMI14-447	1.2	12.9	74.2	2.62	<DL	0.611	4.62	0.265	92.7
32134	A14-941-045	GMI14-448	1.06	10.1	89.8	2.66	<DL	0.65	4.68	0.272	79
32135	A14-941-046	GMI14-449	1.03	22	86.6	2.56	<DL	0.641	4.17	0.224	85.8
32136	A14-941-047	GMI14-450	1.15	14.9	61.3	3.25	<DL	0.489	6.42	0.181	125
32137	A14-941-048	GMI14-451	1.36	12	66.7	3.4	<DL	0.548	5.88	0.184	126
32138	A14-941-049	GMI14-452	1.08	11.7	68.3	2.45	<DL	0.404	3.78	0.181	97.9
32139	A14-941-050	32139-941-50	1.1	13	65.8	3.22	<DL	0.486	3.05	0.175	110



**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
32114	A14-941-025	GMI14-428	<DL	65.9	94.2	2.36	<DL	0.785	2.39	0.278	84.7	
		GMI14-428 DUP	<DL	65.1	100	2.35	<DL	0.792	2.5	0.329	87	
32138	A14-941-049	GMI14-452	1.08	11.7	68.3	2.45	<DL	0.404	3.78	0.181	97.9	
		GMI14-452 DUP	1.05	12.4	67.8	2.56	<DL	0.351	3.81	0.145	97.6	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Certified Values:	6.39				0.3					
		CRM SU-1b #1	3.7				<DL					
		CRM SU-1b #2	4.08				<DL					
		Certified Values:				2					78	
		CRM RTS-3a #1				1.92					77.7	
		CRM RTS-3a #2				2.34					78.9	
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178	
		CRM SY-4 #1		23.4	54.6	2.44		4.2	13.5	2.13	115	
		CRM SY-4 #2		26.3	58.5	2.6		4.34	13.8	2.25	117	
		Certified Values:	2.7	25		4.8					517	
		CRM LKSD-3 #1	2.67	27.4		3.36					130	
		CRM LKSD-3 #2	2.64	29.3		3.23					126	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		Actual Spike Values:	10	10	10	10	10	10	10	10	10	
		Spike #1	9.84	13	3	9.66	10.4	9.75	9.62	9.72	9.99	
		Spike #4	10	11.5	15.3	9.81	10.9	10.3	9.76	10.2	9.87	

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-010**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

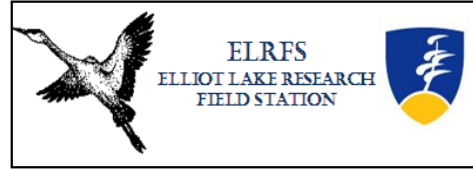
## Client Contact Information:

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Phone: 705-529-3087 (Mobile)

**Batch: 14-942 (22)**

## ELRFS Contact Information:

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 09 23  
Received by: Troy Maki  
# of samples: 22  
Dates Analysed/ Analyst: Sept. 24 - Oct. 23, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32140	A14-942-001	GMI14-453	1.29	10.9	50.3	2.73	<DL	0.413	3.01	0.179	83.8
32141	A14-942-002	GMI14-454	1.32	13.1	50	4.06	<DL	0.48	5.32	0.214	142
32142	A14-942-003	GMI14-455	1.45	10.2	50.1	3.76	<DL	0.393	4.02	0.178	121
32143	A14-942-004	GMI14-456	1.22	22.9	81.8	3.71	<DL	1.14	3.58	0.488	135
32144	A14-942-005	GMI14-457	1.24	27.4	87.7	3.97	<DL	1.21	3.85	0.512	142
32145	A14-942-006	GMI14-458	1.26	31	88.4	3.94	<DL	1.2	3.81	0.512	139
32146	A14-942-007	GMI14-459	1.18	30.8	90.2	3.67	<DL	1.17	3.55	0.475	132
32147	A14-942-008	GMI14-460	1.03	32.9	82.2	3.1	<DL	0.946	2.9	0.389	109
32148	A14-942-009	GMI14-461	1.17	28.9	86.1	3.69	<DL	1.12	3.56	0.481	134
32149	A14-942-010	GMI14-462	1.23	29.4	85.4	3.83	<DL	1.17	3.77	0.487	137
32150	A14-942-011	GMI14-463	1.1	28.7	98.9	2.92	<DL	0.927	3.04	0.417	105
32301	A14-942-012	GMI14-464	1.73	28.2	93	5.57	<DL	1.75	5.61	0.682	204
32302	A14-942-013	GMI14-465	1.25	31.1	93.2	4.11	<DL	1.13	3.89	0.468	143
32303	A14-942-014	GMI14-466	1.22	27.4	85.2	3.63	<DL	0.944	3.25	0.399	128
32304	A14-942-015	GMI14-467	1.12	32.3	89.5	3.54	<DL	1.07	3.34	0.443	125
32305	A14-942-016	GMI14-468	1.09	30	88.5	3.36	<DL	1.03	3.31	0.438	124
32306	A14-942-017	GMI14-469	1.16	31	91.7	3.48	<DL	1.07	3.37	0.437	123
32307	A14-942-018	GMI14-470	1.16	30.9	89.6	3.53	<DL	1.11	3.55	0.469	129
32308	A14-942-019	GMI14-471	1.21	34.1	95.8	3.79	<DL	1.18	3.6	0.483	135
32309	A14-942-020	GMI14-472	1.23	34.9	96.8	3.77	<DL	1.19	3.64	0.501	136
32310	A14-942-021	GMI14-473	1.34	29.2	91.2	3.72	<DL	1.13	3.73	0.496	137
32311	A14-942-022	GMI14-474	1.33	25.3	93	4.2	<DL	1.2	3.94	0.468	147

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32311	A14-942-022	GMI14-474	1.33	25.3	93	4.2	<DL	1.2	3.94	0.468	147
		GMI14-474 DUP	1.26	26.7	91.8	4.26	<DL	1.11	4	0.475	145

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>				
		CRM SU-1b #1	3.45				<DL				
		CRM SU-1b #2	3.56				<DL				
		CRM SU-1b #3	3.16				<DL				
		CRM SU-1b #4	3.08				<DL				
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.04					80.4
		CRM RTS-3a #2				2.04					78.4
		CRM RTS-3a #3				2.2					78.8
		CRM RTS-3a #4				2.18					73.8
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		10.3	17.9	2.14		4.53	15.4	2.29	113
		CRM SY-4 #2		7.16	28.5	2.24		4.63	16.8	2.35	111
		CRM SY-4 #3		25.6	47.4	2.57		4.48	14.8	2.24	119
		CRM SY-4 #4		24.4	51.1	2.23		4.01	13.4	2.01	101
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.36	13.5		3.46					127
		CRM LKSD-3 #2	2.35	8.62		3.38					121
		CRM LKSD-3 #3	2.5	28.3		3.63					121
		CRM LKSD-3 #4	2.54	28.7		3.55					124

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	9.34	10.4	0.983	9.87	10.7	10.2	10.1	10.2	10.4
		Spike #4	9.71	<DL	1.34	9.33	9.67	10.6	10.9	10.5	9.85
		Spike #7	9.18	6.53	5.36	9.74	11.5	9.38	9.23	9.08	9.54
		Spike #10	9.4	8.61	12.6	9.49	9.68	8.96	9.5	8.77	9.09

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-011**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

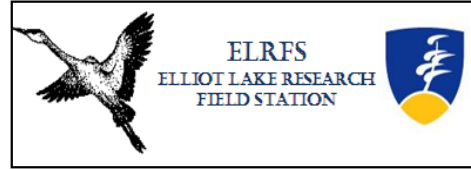
**Client Contact Information:**

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Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1018 (52) & 14-1019 (45)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 10 03  
Received by: Troy Maki  
# of samples: 52 + 45  
Dates Analysed/ Analyst: Oct. 10 - Nov. 4, 2014 / Troy Maki  
Submission Date: 2015 02 22

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32312	A14-1018-001	GMI14-475	<DL	8.39	34.5	1.14	<DL	0.339	1.16	0.142	21.3
32313	A14-1018-002	GMI14-476	<DL	21.8	42.9	2.39	<DL	0.765	2.69	0.315	85.4
32314	A14-1018-003	GMI14-477	<DL	12.8	39.2	3.23	<DL	0.627	2.53	0.265	110
32315	A14-1018-004	GMI14-478	<DL	6.73	32.1	2.23	<DL	0.333	2.24	0.137	77.8
32316	A14-1018-005	GMI14-479	<DL	5.54	31.2	1.64	<DL	0.317	1.7	0.14	53.3
32317	A14-1018-006	GMI14-480	<DL	8.45	37.8	0.894	<DL	0.347	0.808	0.147	22.4
32318	A14-1018-007	GMI14-481	<DL	5.93	37.5	0.968	<DL	0.345	1.12	0.149	24.9
32319	A14-1018-008	GMI14-482	<DL	4.54	28.6	2.57	<DL	0.368	3.81	0.162	94
32320	A14-1018-009	GMI14-483	<DL	5.34	32.4	1.49	<DL	0.311	1.28	0.128	41.8
32321	A14-1018-010	GMI14-484	<DL	2.16	37.5	1.26	<DL	0.352	1.48	0.144	41.6
32322	A14-1018-011	GMI14-485	<DL	8.66	39.9	2.85	<DL	0.756	2.96	0.312	100
32323	A14-1018-012	GMI14-486	<DL	20	51.4	3.74	<DL	1.24	4.12	0.51	138
32324	A14-1018-013	GMI14-487	<DL	18.8	54.3	3.65	<DL	1.26	4.22	0.537	137
32325	A14-1018-014	GMI14-488	<DL	19.4	59	2.91	<DL	1	3.54	0.412	107
32326	A14-1018-015	GMI14-489	<DL	14.5	56.6	3.88	<DL	1.23	4.34	0.503	142
32327	A14-1018-016	GMI14-490	<DL	15.4	56.8	3.77	<DL	1.23	4.25	0.498	140
32328	A14-1018-017	GMI14-491	<DL	14.8	56.2	3.65	<DL	1.23	4.21	0.494	139
32329	A14-1018-018	GMI14-492	<DL	16.5	54.1	3.51	<DL	1.19	4.12	0.481	133
32330	A14-1018-019	GMI14-493	<DL	23.8	57.2	3.44	<DL	1.18	3.93	0.469	129
32331	A14-1018-020	GMI14-494	<DL	16.4	58.7	3.4	<DL	1.17	3.98	0.465	129
32332	A14-1018-021	GMI14-495	<DL	17	54.7	2.86	<DL	0.951	3.16	0.373	105
32333	A14-1018-022	GMI14-496	<DL	13.8	56.5	3.08	<DL	0.992	3.56	0.397	114
32334	A14-1018-023	GMI14-497	<DL	13.9	58.2	3.48	<DL	1.18	4.06	0.474	132
32335	A14-1018-024	GMI14-498	<DL	13.1	57.9	3.35	<DL	1.09	3.91	0.448	125
32336	A14-1018-025	GMI14-499	<DL	9.34	56.5	3.63	<DL	1.12	4.24	0.441	134
32337	A14-1018-026	GMI14-500	1.08	13.8	61.4	3.4	<DL	1.09	3.84	0.429	120
32338	A14-1018-027	GMI14-501	1.03	13	64.6	3.88	<DL	1.3	4.76	0.527	147
32339	A14-1018-028	GMI14-502	<DL	11.2	63.9	3.58	<DL	1.23	4.24	0.503	133
32340	A14-1018-029	GMI14-503	<DL	12.3	60.1	3.44	<DL	1.16	4.17	0.463	129
32341	A14-1018-030	GMI14-504	1.01	14.8	62.2	3.75	<DL	1.29	4.68	0.528	147
32342	A14-1018-031	GMI14-505	1.01	8.71	47.1	3.97	<DL	1.11	4.7	0.452	147
32343	A14-1018-032	GMI14-506	<DL	6.86	54	3.75	<DL	1.25	4.86	0.499	145
32344	A14-1018-033	GMI14-507	<DL	13.4	58.1	4.12	<DL	1.38	5.06	0.559	156
32345	A14-1018-034	GMI14-508	1.01	13.2	57.5	3.99	<DL	1.39	5.03	0.572	154

32346	A14-1018-035	GMI14-509	<DL	15.4	60.3	3.85	<DL	1.27	4.75	0.528	146
32347	A14-1018-036	GMI14-510	<DL	11.4	61.3	4.08	<DL	1.42	5.17	0.583	157
32348	A14-1018-037	GMI14-511	<DL	11.9	64.6	3.24	<DL	1.09	3.95	0.432	124
32349	A14-1018-038	GMI14-512	<DL	10.9	62.2	3.78	<DL	1.26	4.69	0.506	145
32350	A14-1018-039	GMI14-513	<DL	11.4	61.1	2.7	<DL	0.883	3.45	0.364	102
32351	A14-1018-040	GMI14-514	<DL	14.5	64.7	3.65	<DL	1.28	4.64	0.511	139
32352	A14-1018-041	GMI14-515	<DL	16.7	63.3	3.46	<DL	1.24	4.47	0.498	132
32353	A14-1018-042	GMI14-516	<DL	15.6	62.9	3.55	<DL	1.19	4.47	0.499	136
32354	A14-1018-043	GMI14-517	<DL	11.1	64.8	3.86	<DL	1.18	4.7	0.476	144
32355	A14-1018-044	GMI14-518	<DL	4.9	62.3	3.69	<DL	1.09	5.37	0.409	140
32356	A14-1018-045	GMI14-519	<DL	1.36	79.9	3.98	<DL	1.12	5.73	0.421	149
32357	A14-1018-046	GMI14-520	1.12	1.77	79.3	4.62	<DL	1.38	4.92	0.531	180
32358	A14-1018-047	GMI14-521	<DL	3.54	35.6	1.35	<DL	0.27	2.91	0.116	46.8
32359	A14-1018-048	GMI14-522	<DL	8.59	34.8	1.02	<DL	0.245	1.2	0.104	27.9
32360	A14-1018-049	GMI14-523	<DL	9.62	36.5	<DL	<DL	0.227	0.534	0.089	12.2
32361	A14-1018-050	GMI14-524	<DL	7.04	35	1.19	<DL	0.238	1.07	0.096	24.8
32362	A14-1018-051	GMI14-525	<DL	5.42	38.1	0.756	<DL	0.204	1.68	0.074	23.1
32363	A14-1018-052	GMI14-526	<DL	6.95	43.3	0.786	<DL	0.22	0.926	0.097	22.2
32364	A14-1019-001	GMI14-527	<DL	19.8	40.5	1.43	<DL	0.406	0.955	0.175	32.1
32365	A14-1019-002	GMI14-528	<DL	16.3	39.6	0.86	<DL	0.319	0.736	0.134	22
32366	A14-1019-003	GMI14-529	1.05	21	61.9	3.52	<DL	1.06	3.49	0.441	131
32367	A14-1019-004	GMI14-530	<DL	23.8	59.2	3.14	<DL	0.888	2.76	0.367	114
32368	A14-1019-005	GMI14-531	<DL	30.5	50.7	1.52	<DL	0.461	1.49	0.199	47.1
32369	A14-1019-006	GMI14-532	<DL	19.8	49.7	1.48	<DL	0.43	1.82	0.188	38.5
32370	A14-1019-007	GMI14-533	<DL	18.2	46	1.5	<DL	0.414	1.38	0.166	46.2
32371	A14-1019-008	GMI14-534	<DL	19.6	44.4	1.32	<DL	0.415	2.06	0.175	40.8
32372	A14-1019-009	GMI14-535	<DL	19.4	49.4	1.22	<DL	0.418	1.14	0.176	41.1
32373	A14-1019-010	GMI14-536	<DL	52.8	60.4	2.34	<DL	0.791	2.4	0.334	81.7
32374	A14-1019-011	GMI14-537	<DL	46	61.1	2.34	<DL	0.794	2.38	0.327	81
32375	A14-1019-012	GMI14-538	<DL	36.1	59.9	2.59	<DL	0.878	2.67	0.368	93.9
32376	A14-1019-013	GMI14-539	<DL	44.6	63.3	2.42	<DL	0.818	2.53	0.341	84.6
32377	A14-1019-014	GMI14-540	<DL	81.1	64.2	2.49	<DL	0.847	2.61	0.364	89.6
32378	A14-1019-015	GMI14-541	<DL	64	66.5	2.58	<DL	0.944	2.9	0.402	97
32379	A14-1019-016	GMI14-542	<DL	41.9	66.6	2.77	<DL	0.982	2.96	0.412	97.7
32380	A14-1019-017	GMI14-543	<DL	47.4	66.9	2.51	<DL	0.849	2.7	0.355	91.4
32381	A14-1019-018	GMI14-544	<DL	39.2	64.9	2.65	<DL	0.914	2.79	0.393	93.5
32382	A14-1019-019	GMI14-545	<DL	48	67.8	2.55	<DL	0.884	2.73	0.363	91.3
32383	A14-1019-020	GMI14-546	<DL	39.9	64	2.5	<DL	0.81	2.62	0.328	88.5
32384	A14-1019-021	GMI14-547	<DL	30.4	64.4	2.62	<DL	0.821	2.76	0.349	92.5
32385	A14-1019-022	GMI14-548	<DL	36.8	66.1	2.63	<DL	0.883	2.72	0.354	93.9
32386	A14-1019-023	GMI14-549	<DL	36.3	65.4	2.57	<DL	0.862	2.71	0.356	92.5
32387	A14-1019-024	GMI14-550	<DL	36.1	65.2	2.53	<DL	0.852	2.66	0.35	92.1
32388	A14-1019-025	GMI14-551	1.03	20.7	44.3	3.49	<DL	0.577	7.04	0.239	139
32389	A14-1019-026	GMI14-552	1.06	7.74	33.2	3.6	<DL	0.433	9.17	0.148	114
32390	A14-1019-027	GMI14-553	1.03	7.05	16.7	4.37	<DL	0.357	11.2	0.113	154
32391	A14-1019-028	GMI14-554	<DL	6.78	38.5	2.23	<DL	0.37	4.99	0.138	72.9
32392	A14-1019-029	GMI14-555	1.17	6.98	23.4	4.22	<DL	0.445	8.41	0.191	164
32393	A14-1019-030	GMI14-556	<DL	8.48	35.3	2.57	<DL	0.342	2.96	0.148	85.6
32394	A14-1019-031	GMI14-557	<DL	14.1	49.2	1.17	<DL	0.369	1.2	0.139	29.3
32395	A14-1019-032	GMI14-558	1.12	11	28.4	4.06	<DL	0.402	6.04	0.181	163
32396	A14-1019-033	GMI14-559	<DL	11.1	42.7	1.77	<DL	0.379	3.27	0.156	55.2
32397	A14-1019-034	GMI14-560	<DL	11.7	48.1	1.81	<DL	0.437	2.41	0.177	56.5
32398	A14-1019-035	GMI14-561	<DL	11.6	47.1	1.24	<DL	0.374	1.14	0.164	36.4
32399	A14-1019-036	GMI14-562	<DL	11.8	39.6	2.32	<DL	0.324	1.54	0.142	67.6
32400	A14-1019-037	GMI14-563	<DL	24.1	69.8	2.76	<DL	0.81	2.67	0.326	94.3
32401	A14-1019-038	GMI14-564	<DL	16.1	47.8	1.8	<DL	0.397	1.5	0.168	52.4
32402	A14-1019-039	GMI14-565	<DL	15.3	47.6	1.55	<DL	0.348	1.23	0.151	42
32403	A14-1019-040	GMI14-566	<DL	16.7	48	2.08	<DL	0.391	2.01	0.169	71
32404	A14-1019-041	GMI14-567	<DL	15.8	46	2.85	<DL	0.375	2.17	0.176	84.4
32405	A14-1019-042	GMI14-568	<DL	17.4	49.5	1.48	<DL	0.388	1.63	0.163	49.5

<b>32406</b>	<b>A14-1019-043</b>	<b>GMI14-569</b>	<DL	15.7	46.1	2.02	<DL	0.332	1.4	0.137	63.3
<b>32407</b>	<b>A14-1019-044</b>	<b>GMI14-570</b>	<DL	25.3	49.4	1.24	<DL	0.378	0.882	0.162	30.9
<b>32408</b>	<b>A14-1019-045</b>	<b>GMI14-571</b>	<DL	12	56.4	2.45	<DL	0.446	2.06	0.206	70.7

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
32336	A14-1018-025	GMI14-499	<DL	9.34	56.5	3.63	<DL	1.12	4.24	0.441	134	
		GMI14-499 DUP	<DL	7.16	52.5	3.3	<DL	1.03	3.97	0.408	123	
32363	A14-1018-052	GMI14-526	<DL	6.95	43.3	0.786	<DL	0.22	0.926	0.097	22.2	
		GMI14-526 DUP	<DL	7.9	42.3	0.748	<DL	0.235	0.91	0.093	20.8	
32388	A14-1019-025	GMI14-551	1.03	20.7	44.3	3.49	<DL	0.577	7.04	0.239	139	
		GMI14-551 DUP	1.03	19.5	44.8	3.52	<DL	0.575	7.09	0.227	147	
32408	A14-1019-045	GMI14-571	<DL	12	56.4	2.45	<DL	0.446	2.06	0.206	70.7	
		GMI14-571 DUP	<DL	10.4	51.3	2.36	<DL	0.436	2	0.186	67.8	

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr	
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5	
		<b>Certified Values:</b>	<b>6.39</b>				<b>0.3</b>					
		CRM SU-1b #1	3.4				<DL					
		CRM SU-1b #2	3.94				<DL					
		CRM SU-1b #3	3.43				<DL					
		CRM SU-1b #4	3.15				<DL					
		<b>Certified Values:</b>				<b>2</b>					<b>78</b>	
		CRM RTS-3a #1				2.11					78.7	
		CRM RTS-3a #2				2.18					80.5	
		CRM RTS-3a #3				2.08					76.4	
		CRM RTS-3a #4				2.03					76.2	
		<b>Certified Values:</b>		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>	
		CRM SY-4 #1		10.6	28.6	2.27		4.82	17.7	2.41	115	
		CRM SY-4 #2		11.2	32.7	2.39		4.67	18.2	2.35	117	
		CRM SY-4 #3		21.6	33.3	2.37		4.17	13.8	2.21	109	
		CRM SY-4 #4		19.6	42.6	2.58		4.36	14	2.3	110	
		<b>Certified Values:</b>	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>	
		CRM LKSD-3 #1	2.09	11.4		3.65					127	
		CRM LKSD-3 #2	2.21	28.1		3.42					126	
		CRM LKSD-3 #3	2.46	25.2		3.75					129	
		CRM LKSD-3 #4	2.31	21.8		3.42					115	

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			1	1	0.1	0.6	2	0.02	0.02	0.03	0.5
		<b>Actual Spike Values:</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	10	10.3	10.9	10.2	11	10.5	10.8	10.3	10.9
		Spike #4	8.48	<DL	10	9	9.64	10	11.6	9.8	9.5
		Spike #7	8.5	8.88	8.93	9.39	10	9.37	9.23	9.42	9.37
		Spike #10	8.89	8.89	11.1	9.33	9.34	9.27	9.57	9.4	9.23

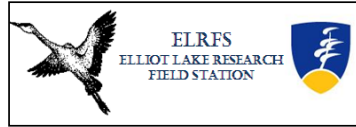
# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-012**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

Contact: Lydia Deschenes [swaslab@swaslab.ca];  
Swastika Laboratories Ltd  
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**Batch: 14-1053 (52) & 14-1056 (51)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples 52 + 51  
Dates Analysed/ Analyst: Oct 10 - Nov 18, 2014 / Troy Maki  
Submission Date: 2014 11 26

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/kg 1	B mg/kg 1	Ge mg/kg 0.1	Hf mg/kg 0.6	Hg mg/kg 2	Ho mg/kg 0.02	Pr mg/kg 0.02	Tm mg/kg 0.03	Zr mg/kg 0.5
32409	A14-1053-001	GMI14-572	1.86	28.9	25.4	3.77	<DL	0.862	2.92	0.327	96.8
32410	A14-1053-002	GMI14-573	1.51	33.5	37.7	2.78	<DL	0.818	2.82	0.31	92.1
32411	A14-1053-003	GMI14-574	1.55	32.6	40.7	3.1	<DL	0.902	3.1	0.371	95.9
32412	A14-1053-004	GMI14-575	1.47	33.1	37.6	2.88	<DL	0.89	2.97	0.359	93.6
32413	A14-1053-005	GMI14-576	1.39	24	37	3.22	<DL	0.94	3.39	0.374	104
32414	A14-1053-006	GMI14-577	1.6	27.3	39.1	3.27	<DL	1.03	3.57	0.415	111
32415	A14-1053-007	GMI14-578	1.59	33.2	40	3.54	<DL	1.13	3.94	0.476	115
32416	A14-1053-008	GMI14-579	1.38	29.1	31.1	2.96	<DL	0.984	3.41	0.377	96.4
32417	A14-1053-009	GMI14-580	1.42	33.4	30.1	3.04	<DL	1.02	3.36	0.391	97.9
32418	A14-1053-010	GMI14-581	1.35	39.2	30.2	2.87	<DL	0.925	3.29	0.354	92.8
32419	A14-1053-011	GMI14-582	1.26	41.7	31.2	2.72	<DL	0.911	3.07	0.372	86.5
32420	A14-1053-012	GMI14-583	1.23	44.5	32.5	2.58	<DL	0.888	3.06	0.343	85.4
32421	A14-1053-013	GMI14-584	1.19	44.4	33.2	2.39	<DL	0.823	2.97	0.353	82.4
32422	A14-1053-014	GMI14-585	1.3	36.1	32.7	2.68	<DL	0.835	3.16	0.357	83.2
32423	A14-1053-015	GMI14-586	1.42	36.5	46	3.31	<DL	1.07	3.98	0.424	103
32424	A14-1053-016	GMI14-587	1.46	23.1	40.7	3.25	<DL	1.04	3.96	0.401	108
32425	A14-1053-017	GMI14-588	1.46	27.3	41.9	3.24	<DL	1.02	4.15	0.408	105
32426	A14-1053-018	GMI14-589	1.09	29.5	38.4	2.53	<DL	0.807	3.22	0.293	81.8
32427	A14-1053-019	GMI14-590	1.12	24.5	37.5	2.5	<DL	0.853	3.38	0.325	78.5
32428	A14-1053-020	GMI14-591	1.3	21.8	40.4	2.71	<DL	0.796	3.41	0.341	80.6
32429	A14-1053-021	GMI14-592	1.4	10	23.4	3.07	<DL	0.505	4.89	0.192	102
32430	A14-1053-022	GMI14-593	1.57	20.2	42.6	3.58	<DL	1.13	4.65	0.474	118
32431	A14-1053-023	GMI14-594	1.45	25.5	44.9	3.16	<DL	0.998	3.92	0.367	98.5
32432	A14-1053-024	GMI14-595	1.19	21.5	42.7	2.52	<DL	0.808	3.23	0.325	80.5
32433	A14-1053-025	GMI14-596	1.47	23	51.8	3.28	<DL	1.06	4.31	0.462	102
32434	A14-1053-026	GMI14-597	1.8	18.5	57.2	3.15	<DL	0.895	3.96	0.35	83.1
32435	A14-1053-027	GMI14-598	1.38	21.2	54.8	2.53	<DL	0.878	3.46	0.306	76.1
32436	A14-1053-028	GMI14-599	1.21	27.4	54.5	2.48	<DL	0.823	3.47	0.337	71.9
32437	A14-1053-029	GMI14-600	1.5	33.6	57.4	2.9	<DL	0.882	3.85	0.357	79
32438	A14-1053-030	GMI14-601	1.38	40.7	60	2.74	<DL	0.853	3.76	0.343	76.6
32439	A14-1053-031	GMI14-602	1.25	30.3	61.9	2.8	<DL	0.939	3.59	0.306	77.4
32440	A14-1053-032	GMI14-603	1.44	26.4	61	2.87	<DL	0.946	3.86	0.365	81.7
32441	A14-1053-033	GMI14-604	1.73	42.2	64.2	3.24	<DL	1.16	4.8	0.46	102
32442	A14-1053-034	GMI14-605	1.68	35.7	77.8	3.36	<DL	1.19	4.53	0.459	94.8



32443	A14-1053-035	GMI14-606	1.36	34.9	69.2	2.84	<DL	1.07	4.1	0.399	86.8
32444	A14-1053-036	GMI14-607	1.62	28.9	68.9	3.32	<DL	1.12	4.7	0.414	99.8
32445	A14-1053-037	GMI14-608	2.01	14.3	76.1	4.71	<DL	1.39	6.58	0.579	143
32446	A14-1053-038	GMI14-609	1.7	29.9	68.4	3.38	<DL	1.16	5.05	0.45	100
32447	A14-1053-039	GMI14-610	1.67	19.5	67.8	3.63	<DL	1.18	5.51	0.464	113
32448	A14-1053-040	GMI14-611	2.11	20.6	65.5	4.2	<DL	1.33	6.08	0.521	127
32449	A14-1053-041	GMI14-612	2.23	28.7	69	4.05	<DL	1.42	6.39	0.584	131
32450	A14-1053-042	GMI14-613	1.66	27.6	64	3.51	<DL	1.16	5.11	0.437	102
32451	A14-1053-043	GMI14-614	2.11	16.8	68.3	3.74	<DL	1.36	6.19	0.554	122
32452	A14-1053-044	GMI14-615	2.18	27.8	70.9	4.4	<DL	1.23	5.88	0.477	122
32453	A14-1053-045	GMI14-616	1.92	24.6	72.6	3.56	<DL	1.25	6.07	0.5	121
32454	A14-1053-046	GMI14-617	2.08	32.9	69.1	3.69	<DL	1.49	6.16	0.568	126
32455	A14-1053-047	GMI14-618	2.14	30.9	71.8	4.22	<DL	1.52	6.42	0.535	130
32456	A14-1053-048	GMI14-619	1.85	31.3	73.5	3.98	<DL	1.17	5.39	0.446	104
32457	A14-1053-049	GMI14-620	2.02	37.2	74.7	4.04	<DL	1.11	5.92	0.406	119
32458	A14-1053-050	GMI14-621	2.22	29.6	75.5	4.23	<DL	1.46	6.65	0.511	132
32459	A14-1053-051	GMI14-622	2.15	29.9	72.7	3.94	<DL	1.33	5.77	0.483	123
32460	A14-1053-052	GMI14-623	2.1	29.6	80.1	4.16	<DL	1.2	6.23	0.544	129
32703	A14-1056-001	GMI14-624	1.08	12.9	37	1.56	<DL	0.419	1.24	0.127	27.2
32704	A14-1056-002	GMI14-625	1.14	12.6	40.4	1.79	<DL	0.367	1.66	0.128	45.9
32705	A14-1056-003	GMI14-626	1.28	19.5	39.5	2.03	<DL	0.41	1.42	0.134	52.6
32706	A14-1056-004	GMI14-627	1.45	11.1	37.2	2.85	<DL	0.436	2.44	0.133	107
32707	A14-1056-005	GMI14-628	1.21	8.4	36.9	2.87	<DL	0.307	1.72	0.121	108
32708	A14-1056-006	GMI14-629	<DL	12.3	36.5	2.14	<DL	0.424	1.2	0.154	70.5
32709	A14-1056-007	GMI14-630	<DL	9.82	48.2	1.39	<DL	0.398	1.45	0.114	44.5
32710	A14-1056-008	GMI14-631	<DL	14.8	46.5	1.33	<DL	0.364	1.08	0.148	27.6
32711	A14-1056-009	GMI14-632	<DL	42.9	60.1	1.08	<DL	0.352	0.669	0.169	21.8
32712	A14-1056-010	GMI14-633	1.48	25	47.1	4.81	<DL	0.365	1.74	0.155	175
32713	A14-1056-011	GMI14-634	<DL	21.6	87.4	1.64	<DL	0.436	1.1	0.126	45.9
32714	A14-1056-012	GMI14-635	1	18.3	70.8	3.18	<DL	0.437	1.53	0.163	92
32715	A14-1056-013	GMI14-636	<DL	11.5	76	1.94	<DL	0.378	1.94	0.102	46.9
32716	A14-1056-014	GMI14-637	1.17	34.9	115	2.67	<DL	0.803	2.65	0.293	93.5
32717	A14-1056-015	GMI14-638	<DL	39.4	144	2.53	<DL	0.683	2.38	0.246	82.1
32718	A14-1056-016	GMI14-639	1.11	31.4	158	2.25	<DL	0.713	2.26	0.266	82.8
32719	A14-1056-017	GMI14-640	1.05	22.3	157	2.49	<DL	0.736	2.25	0.19	82.3
32720	A14-1056-018	GMI14-641	1.34	29.2	154	2.57	<DL	0.776	2.57	0.274	87.8
32721	A14-1056-019	GMI14-642	1.27	35.9	146	2.73	<DL	0.906	2.83	0.293	94.3
32722	A14-1056-020	GMI14-643	1.25	34	145	2.82	<DL	0.879	2.94	0.309	99.4
32723	A14-1056-021	GMI14-644	1.43	26.6	146	3.23	<DL	0.868	3.08	0.316	109
32724	A14-1056-022	GMI14-645	1.56	29.8	146	3.71	<DL	0.921	3.28	0.365	117
32725	A14-1056-023	GMI14-646	2.05	22.1	120	5.36	<DL	0.724	5.93	0.17	199
32726	A14-1056-024	GMI14-647	1.22	38.3	138	2.95	<DL	0.908	2.85	0.323	104
32727	A14-1056-025	GMI14-648	1.39	43	136	2.84	<DL	0.779	2.75	0.313	93.9
32728	A14-1056-026	GMI14-649	1.72	36.8	134	3.02	<DL	0.995	2.68	0.295	95.1
32729	A14-1056-027	GMI14-650	1.61	38.7	145	2.61	<DL	0.713	2.9	0.257	100
32730	A14-1056-028	GMI14-651	1.37	36.7	143	2.45	<DL	0.86	2.64	0.238	95.9
32731	A14-1056-029	GMI14-652	1.34	38.7	143	2.83	<DL	0.835	2.97	0.273	98.4
32732	A14-1056-030	GMI14-653	1.26	42.5	140	2.99	<DL	0.838	2.85	0.346	95
32733	A14-1056-031	GMI14-654	1.13	43.2	139	3.05	<DL	0.864	2.52	0.289	91
32734	A14-1056-032	GMI14-655	1.31	40.7	148	2.68	<DL	0.74	2.77	0.305	94.7
32735	A14-1056-033	GMI14-656	1.39	43.9	151	2.48	<DL	0.774	2.45	0.254	92.8
32736	A14-1056-034	GMI14-657	1.4	46.9	159	2.27	<DL	0.847	2.74	0.244	95.8
32737	A14-1056-035	GMI14-658	1.02	51.7	155	2.28	<DL	0.896	2.58	0.358	91.3
32738	A14-1056-036	GMI14-659	1.21	56.4	157	2.86	<DL	0.759	2.75	0.302	95.9
32739	A14-1056-037	GMI14-660	1.21	55.2	160	2.51	<DL	0.784	2.94	0.235	96.5
32740	A14-1056-038	GMI14-661	1.3	46.6	152	3.47	<DL	0.868	2.92	0.284	96.9
32741	A14-1056-039	GMI14-662	1.27	53	166	2.61	<DL	0.833	2.82	0.339	101
32742	A14-1056-040	GMI14-663	1.36	57.4	162	2.79	<DL	0.917	3.08	0.346	101
32743	A14-1056-041	GMI14-664	1.43	36.5	156	2.92	<DL	0.606	3.14	0.256	102
32744	A14-1056-042	GMI14-665	1.59	49.1	154	3.14	<DL	0.942	3.18	0.229	107

32745	A14-1056-043	GMI14-666	1.16	19.7	146	2.46	<DL	0.605	3.64	0.21	111
32746	A14-1056-044	GMI14-667	1.1	11.1	134	1.34	<DL	0.39	3.74	0.132	55.1
32747	A14-1056-045	GMI14-668	1.52	11.3	123	3.33	<DL	0.367	3.09	0.172	104
32748	A14-1056-046	GMI14-669	1.76	11.9	109	2.3	<DL	0.298	3.08	0.089	82.3
32749	A14-1056-047	GMI14-670	1.95	14.2	94	3.76	<DL	0.367	3.09	0.157	125
32750	A14-1056-048	GMI14-671	2.12	30.9	128	4.31	<DL	0.68	6.79	0.256	196
32751	A14-1056-049	GMI14-672	1.35	12.4	111	2.53	<DL	0.367	3.23	0.137	82.8
32752	A14-1056-050	GMI14-673	1.01	16.6	108	1.99	<DL	0.381	2.42	0.146	84.3
32753	A14-1056-051	GMI14-674	1.13	19	112	1.86	<DL	0.377	2.43	0.175	76.1

**QUALITY CONTROL  
DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/kg 1	mg/kg 1	mg/kg 0.1	mg/kg 0.6	mg/kg 2	mg/kg 0.02	mg/kg 0.02	mg/kg 0.03	mg/kg 0.5
32433	A14-1053-025	GMI14-596	1.47	23	51.8	3.28	<DL	1.06	4.31	0.462	102
		GMI14-596 DUP	1.49	20.6	47.5	3.07	<DL	1.05	4.21	0.395	100
32460	A14-1053-052	GMI14-623	2.1	29.6	80.1	4.16	<DL	1.2	6.23	0.544	129
		GMI14-623 DUP	1.97	31.3	77.4	3.93	<DL	1.34	6.11	0.591	127
32727	A14-1056-025	GMI14-648	1.39	43	136	2.84	<DL	0.779	2.75	0.313	93.9
		GMI14-648 DUP	1.18	41.3	131	2.36	<DL	0.812	2.55	0.323	93
32753	A14-1056-051	GMI14-674	1.13	19	112	1.86	<DL	0.377	2.43	0.175	76.1
		GMI14-674 DUP	1.08	19.7	115	2.05	<DL	0.358	2.41	0.108	71.8

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/kg 1	mg/kg 1	mg/kg 0.1	mg/kg 0.6	mg/kg 2	mg/kg 0.02	mg/kg 0.02	mg/kg 0.03	mg/kg 0.5
		Certified Values:									
		CRM PTM-1a #1									
		CRM PTM-1a #2									
		CRM PTM-1a #3									
		CRM PTM-1a #4									
		Certified Values:	6.39				0.3				
		CRM SU-1b #1	5.33				<DL				
		CRM SU-1b #2	4.79				<DL				
		CRM SU-1b #3	4.52				<DL				
		CRM SU-1b #4	3.85				<DL				
		Certified Values:				2					78
		CRM RTS-3a #1				2.7					84
		CRM RTS-3a #2				2.55					80.9
		CRM RTS-3a #3				2.6					85.3
		CRM RTS-3a #4				2.29					86.1
		CRM SY-4 #1									
		CRM SY-4 #2									
		CRM SY-4 #3									
		CRM SY-4 #4									
		Certified Values:	2.7	25		4.8					
		CRM LKSD-3 #1	4.11	25.6		4.12					
		CRM LKSD-3 #2	4.01	24		4.55					
		CRM LKSD-3 #3	3.16	27.2		4.31					
		CRM LKSD-3 #4	3.11	37.9		3.56					



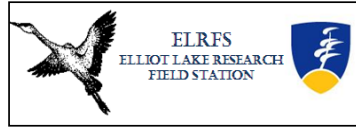
# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-013**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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**Batch: 14-1054 (40) & 14-1055 (52)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples 40 + 52  
Dates Analysed/ Analyst: Oct 10 - Nov 20, 2014 / Troy Maki  
Submission Date: 2014 11 26

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/kg 1	B mg/kg 1	Ge mg/kg 0.1	Hf mg/kg 0.6	Hg mg/kg 2	Ho mg/kg 0.02	Pr mg/kg 0.02	Tm mg/kg 0.03	Zr mg/kg 0.5
32461	A14-1054-001	GMI14-675	1.23	22.5	43.7	3.48	<DL	1.01	3.75	0.403	111
32462	A14-1054-002	GMI14-676	1.09	21.7	39.4	3.43	<DL	1.08	3.89	0.446	117
32463	A14-1054-003	GMI14-677	1.04	25.7	37.9	3.23	<DL	1.12	3.99	0.457	114
32464	A14-1054-004	GMI14-678	<DL	22.2	37.5	2.95	<DL	0.993	3.51	0.39	100
32465	A14-1054-005	GMI14-679	<DL	18.9	39.6	2.75	<DL	0.96	3.53	0.369	97.3
32466	A14-1054-006	GMI14-680	<DL	16.6	35.3	2.55	<DL	0.839	3.17	0.385	88.9
32467	A14-1054-007	GMI14-681	<DL	20.3	39.6	2.67	<DL	0.806	3.09	0.312	83
32468	A14-1054-008	GMI14-682	<DL	21.3	34.4	2.12	<DL	0.753	2.76	0.277	72.6
32469	A14-1054-009	GMI14-683	<DL	14.4	32.9	2.17	<DL	0.742	2.86	0.269	71.6
32470	A14-1054-010	GMI14-684	<DL	18.9	36.2	2.32	<DL	0.776	2.99	0.276	75.3
32471	A14-1054-011	GMI14-685	<DL	12.1	35.4	2.14	<DL	0.785	3	0.271	75.9
32472	A14-1054-012	GMI14-686	<DL	12.9	38.1	2.51	<DL	0.839	3.31	0.316	85.8
32473	A14-1054-013	GMI14-687	<DL	12.4	39.3	2.55	<DL	0.896	3.52	0.338	88.9
32474	A14-1054-014	GMI14-688	<DL	10.5	41.1	2.56	<DL	0.818	3.55	0.288	87.8
32475	A14-1054-015	GMI14-689	<DL	30.5	37.8	2.57	<DL	0.934	4.03	0.355	91.5
32476	A14-1054-016	GMI14-690	<DL	18.2	38.5	2.22	<DL	0.785	3.16	0.301	74.7
32477	A14-1054-017	GMI14-691	<DL	22.2	35.9	1.98	<DL	0.722	2.79	0.261	66.6
32478	A14-1054-018	GMI14-692	<DL	13.6	40.1	2.64	<DL	0.971	3.81	0.35	94
32479	A14-1054-019	GMI14-693	<DL	18.9	40.5	2.21	<DL	0.816	3.37	0.299	78
32480	A14-1054-020	GMI14-694	<DL	26.6	41.7	2.16	<DL	0.726	3.13	0.269	71.5
32481	A14-1054-021	GMI14-695	<DL	29	43.3	2.24	<DL	0.792	3.18	0.311	73.9
32482	A14-1054-022	GMI14-696	<DL	18.4	41.1	2.22	<DL	0.809	3.38	0.297	75.4
32483	A14-1054-023	GMI14-697	<DL	10.3	40.9	2.27	<DL	0.778	3.43	0.275	74.7
32484	A14-1054-024	GMI14-698	<DL	6.66	43.5	2.21	<DL	0.746	3.52	0.267	76.9
32485	A14-1054-025	GMI14-699	<DL	8.77	43.3	2.31	<DL	0.775	3.69	0.289	75.9
32486	A14-1054-026	GMI14-700	1.08	21.1	59.7	2.77	<DL	0.893	4.39	0.326	80.4
32487	A14-1054-027	GMI14-701	<DL	23.2	61.1	2.52	<DL	0.959	4.62	0.321	83.5
32488	A14-1054-028	GMI14-702	1	24.1	65.6	2.62	<DL	1.06	5.06	0.403	89
32489	A14-1054-029	GMI14-703	<DL	24.9	63.8	2.59	<DL	1	4.83	0.379	87.2
32490	A14-1054-030	GMI14-704	<DL	23	63.3	2.53	<DL	0.997	4.82	0.378	87.5
32491	A14-1054-031	GMI14-705	1.58	12.9	39.4	7.18	<DL	0.684	9.35	0.276	246
32492	A14-1054-032	GMI14-706	1.48	14.4	71.7	4.47	<DL	1.62	8.85	0.541	156
32493	A14-1054-033	GMI14-707	1.16	24.8	77.6	2.78	<DL	1.04	5.58	0.417	100
32494	A14-1054-034	GMI14-708	1.03	163	75.6	2.04	<DL	0.823	4.21	0.331	77.2

32495	A14-1054-035	GMI14-709	1.2	133	72.6	3.25	<DL	0.783	5.38	0.301	114
32496	A14-1054-036	GMI14-710	3.27	21	39.3	14.6	<DL	1.09	15.6	0.465	695
32497	A14-1054-037	GMI14-711	1.69	13.1	35.7	5.67	<DL	0.636	11.3	0.231	208
32498	A14-1054-038	GMI14-712	<DL	18.9	65.1	1.94	<DL	0.451	2.72	0.163	64.6
32499	A14-1054-039	GMI14-713	1.1	19.5	62	3.08	<DL	0.494	5.31	0.17	115
32500	A14-1054-040	GMI14-714	1.02	35.2	76.8	2.79	<DL	1.07	5.98	0.41	94.6
32651	A14-1055-001	GMI14-715	2.58	10.5	42.4	9.14	<DL	0.616	14.5	0.275	427
32652	A14-1055-002	GMI14-716	1.69	21.4	70.9	5.61	<DL	0.581	8.02	0.272	256
32653	A14-1055-003	GMI14-717	1.21	264	86.2	2.83	<DL	0.884	5.67	0.304	106
32654	A14-1055-004	GMI14-718	1	60	87.6	2.89	<DL	0.885	5.35	0.361	86.5
32655	A14-1055-005	GMI14-719	<DL	41.2	86.6	2.08	<DL	0.948	5.01	0.344	77.4
32656	A14-1055-006	GMI14-720	1.08	32	88.8	2.26	<DL	0.988	5.4	0.39	82.8
32657	A14-1055-007	GMI14-721	1.32	35.2	48.3	2.59	<DL	0.783	2.57	0.281	86.9
32658	A14-1055-008	GMI14-722	1.27	36	47.3	2.76	<DL	0.763	2.46	0.331	86.5
32659	A14-1055-009	GMI14-723	1.29	39.3	45.5	2.34	<DL	0.772	2.5	0.284	88.7
32660	A14-1055-010	GMI14-724	1.23	42.4	46.1	2.36	<DL	0.718	2.46	0.286	83.9
32661	A14-1055-011	GMI14-725	1.13	48.2	45.3	2.49	<DL	0.679	2.32	0.267	81.7
32662	A14-1055-012	GMI14-726	1.07	132	47.1	2.37	<DL	0.792	2.5	0.281	86.4
32663	A14-1055-013	GMI14-727	1.13	271	43.8	2.47	<DL	0.709	2.46	0.246	86
32664	A14-1055-014	GMI14-728	1.04	149	45.2	2.37	<DL	0.681	2.42	0.255	82
32665	A14-1055-015	GMI14-729	1.15	188	48.4	2.53	<DL	0.689	2.48	0.273	86.3
32666	A14-1055-016	GMI14-730	1.06	55.8	51.9	2.61	<DL	0.771	2.64	0.288	89.5
32667	A14-1055-017	GMI14-731	1.01	59.8	49.5	2.42	<DL	0.67	2.25	0.229	84.4
32668	A14-1055-018	GMI14-732	<DL	50.3	45.4	2.11	<DL	0.698	2.31	0.252	81.6
32669	A14-1055-019	GMI14-733	1.82	24.3	25.1	5.59	<DL	0.52	5.21	0.186	218
32670	A14-1055-020	GMI14-734	1.25	12.8	29.2	3.51	<DL	0.426	3.71	0.166	122
32671	A14-1055-021	GMI14-735	1.68	10.4	20	4.12	<DL	0.381	4.56	0.143	144
32672	A14-1055-022	GMI14-736	1.38	11.7	38.5	4.16	<DL	0.658	3.66	0.288	160
32673	A14-1055-023	GMI14-737	<DL	18.1	47.6	1.75	<DL	0.704	2	0.269	48.9
32674	A14-1055-024	GMI14-738	1.55	13	43.3	5.52	<DL	0.838	3.86	0.334	184
32675	A14-1055-025	GMI14-739	<DL	51.8	46.7	2.59	<DL	0.889	2.9	0.336	93.6
32676	A14-1055-026	GMI14-740	1.07	9.37	49.9	3.04	<DL	0.711	2.09	0.285	74.6
32677	A14-1055-027	GMI14-741	<DL	11.7	56.4	1.28	<DL	0.743	1.61	0.318	28.3
32678	A14-1055-028	GMI14-742	<DL	9	54.9	2.52	<DL	0.577	2.74	0.23	92.7
32679	A14-1055-029	GMI14-743	1.91	11.7	31.4	6.56	<DL	0.563	6.31	0.242	278
32680	A14-1055-030	GMI14-744	1.26	11.1	49.8	3.78	<DL	0.665	3.36	0.276	127
32681	A14-1055-031	GMI14-745	<DL	11	53.7	2.17	<DL	0.664	2.44	0.263	52.9
32682	A14-1055-032	GMI14-746	1.01	11.3	52	2.62	<DL	0.625	2.91	0.313	75.3
32683	A14-1055-033	GMI14-747	1.54	9.62	45.7	5.5	<DL	0.761	4.55	0.268	179
32684	A14-1055-034	GMI14-748	2.55	10.5	43.1	9.88	<DL	0.766	7.56	0.317	474
32685	A14-1055-035	GMI14-749	2.92	11.5	50.3	12.2	<DL	0.74	6.33	0.364	468
32686	A14-1055-036	GMI14-750	1.03	11.4	49.8	2.43	<DL	0.564	3.29	0.197	77.3
32687	A14-1055-037	GMI14-751	<DL	13.7	45	1.62	<DL	0.248	1.2	0.107	50.1
32688	A14-1055-038	GMI14-752	<DL	17	44	1.51	<DL	0.403	1.4	0.122	45.1
32689	A14-1055-039	GMI14-753	1.06	15.9	39	1.79	<DL	0.434	2.93	0.171	68.3
32690	A14-1055-040	GMI14-754	1.08	11.8	49.5	2.87	<DL	0.652	9.35	0.237	107
32691	A14-1055-041	GMI14-755	1.03	16.3	57.3	2.76	<DL	0.463	3.91	0.136	98.8
32692	A14-1055-042	GMI14-756	<DL	20.9	58	1.12	<DL	0.415	1.09	0.138	27.7
32693	A14-1055-043	GMI14-757	1.5	11.7	47.5	4.61	<DL	0.454	8.27	0.165	163
32694	A14-1055-044	GMI14-758	1.9	11.2	37.8	6.37	<DL	0.409	6.39	0.155	250
32695	A14-1055-045	GMI14-759	1.05	9.1	54.2	2.19	<DL	0.312	4.38	0.089	70.6
32696	A14-1055-046	GMI14-760	1.11	10.3	43.9	3.44	<DL	0.293	3.33	0.127	132
32697	A14-1055-047	GMI14-761	<DL	11.8	54.2	0.92	<DL	0.353	1.1	0.136	31
32698	A14-1055-048	GMI14-762	<DL	17.6	59.9	0.893	<DL	0.456	1.08	0.139	25.9
32699	A14-1055-049	GMI14-763	<DL	17.5	61.5	0.964	<DL	0.379	1.13	0.138	26.6
32700	A14-1055-050	GMI14-764	1.04	52.5	69.4	2.67	<DL	0.908	3.13	0.327	99.5
32701	A14-1055-051	GMI14-765	1.82	15.7	53.9	9.54	<DL	0.434	4.15	0.167	349
32702	A14-1055-052	GMI14-766	<DL	14.3	56.7	1.23	<DL	0.359	1.49	0.095	38.4

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/kg 1	B mg/kg 1	Ge mg/kg 0.1	Hf mg/kg 0.6	Hg mg/kg 2	Ho mg/kg 0.02	Pr mg/kg 0.02	Tm mg/kg 0.03	Zr mg/kg 0.5
32485	A14-1054-025	GMI14-699	<DL	8.77	43.3	2.31	<DL	0.775	3.69	0.289	75.9
		GMI14-699 DUP	<DL	10.1	42.8	2.22	<DL	0.825	3.69	0.286	78
32500	A14-1054-040	GMI14-714	1.02	35.2	76.8	2.79	<DL	1.07	5.98	0.41	94.6
		GMI14-714 DUP	<DL	36.4	78.3	2.64	<DL	1.05	5.78	0.38	92.8
32675	A14-1055-025	GMI14-739	<DL	51.8	46.7	2.59	<DL	0.889	2.9	0.336	93.6
		GMI14-739 DUP	1.08	48.4	50.2	3.1	<DL	0.842	3.01	0.304	97.9
32702	A14-1055-052	GMI14-766	<DL	14.3	56.7	1.23	<DL	0.359	1.49	0.095	38.4
		GMI14-766 DUP	<DL	14.7	59.4	1.67	<DL	0.355	1.57	0.117	38.1

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/kg 1	B mg/kg 1	Ge mg/kg 0.1	Hf mg/kg 0.6	Hg mg/kg 2	Ho mg/kg 0.02	Pr mg/kg 0.02	Tm mg/kg 0.03	Zr mg/kg 0.5
		Certified Values: CRM PTM-1a #1 CRM PTM-1a #2 CRM PTM-1a #3 CRM PTM-1a #4									
		Certified Values: CRM SU-1b #1 CRM SU-1b #2 CRM SU-1b #3 CRM SU-1b #4	6.39 4.01 3.68 3.35 3.17				0.3 <DL <DL <DL <DL				
		Certified Values: CRM RTS-3a #1 CRM RTS-3a #2 CRM RTS-3a #3 CRM RTS-3a #4				2 2.37 2.2 2.38 2.5				78 79.4 75.9 78.8 82.4	
		CRM SY-4 #1 CRM SY-4 #2 CRM SY-4 #3 CRM SY-4 #4									
		Certified Values: CRM LKSD-3 #1 CRM LKSD-3 #2 CRM LKSD-3 #3 CRM LKSD-3 #4	2.7 2.53 2.62 2.71 2.7	25 17.7 19.2 26.1 25.9		4.8 3.74 3.52 3.94 4.73					



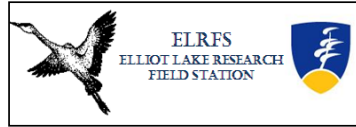
# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-014**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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**Batch: 14-1057 (47) & 14-1058 (42)**

**ELRFS Contact Information:**

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**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples 47 + 42  
Dates Analysed/ Analyst: Oct 10 - Nov 21, 2014 / Troy Maki  
Submission Date: 2014 11 26

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/kg 1	B mg/kg 1	Ge mg/kg 0.1	Hf mg/kg 0.6	Hg mg/kg 2	Ho mg/kg 0.02	Pr mg/kg 0.02	Tm mg/kg 0.03	Zr mg/kg 0.5
32754	A14-1057-001	GMI14-767	1.31	<DL	<DL	4.56	<DL	0.35	2.78	0.139	140
32755	A14-1057-002	GMI14-768	1.01	<DL	<DL	3.17	<DL	0.365	2.57	0.135	105
32756	A14-1057-003	GMI14-769	<DL	<DL	8.52	1.17	<DL	0.381	1.25	0.148	26.5
32757	A14-1057-004	GMI14-770	<DL	<DL	2.33	1.51	<DL	0.337	1.81	0.132	38.6
32758	A14-1057-005	GMI14-771	<DL	<DL	12.6	2.03	<DL	0.543	2.17	0.217	53
32759	A14-1057-006	GMI14-772	1.03	<DL	0.905	2.71	<DL	0.342	2.53	0.14	71.1
32760	A14-1057-007	GMI14-773	<DL	<DL	1.69	2.24	<DL	0.282	1.52	0.108	68.4
32761	A14-1057-008	GMI14-774	1.16	<DL	<DL	3.51	<DL	0.33	2.47	0.126	107
32762	A14-1057-009	GMI14-775	1.83	<DL	<DL	5.79	<DL	0.369	4.29	0.146	182
32763	A14-1057-010	GMI14-776	<DL	<DL	11.2	1.41	<DL	0.413	1.74	0.154	32.7
32764	A14-1057-011	GMI14-777	<DL	<DL	14.7	1.38	<DL	0.439	1.29	0.183	34.4
32765	A14-1057-012	GMI14-778	1.19	<DL	28.2	3.96	<DL	1.03	3.63	0.399	136
32766	A14-1057-013	GMI14-779	1.27	<DL	13	1.6	<DL	0.394	2.43	0.126	39.8
32767	A14-1057-014	GMI14-780	1.01	<DL	28	3.15	<DL	0.857	2.99	0.314	101
32768	A14-1057-015	GMI14-781	1.19	<DL	36.5	4.1	<DL	1.19	4.16	0.451	139
32769	A14-1057-016	GMI14-782	1.24	<DL	39.4	4.03	<DL	1.19	4.26	0.469	141
32770	A14-1057-017	GMI14-783	1.17	<DL	40	3.94	<DL	1.12	3.97	0.426	134
32771	A14-1057-018	GMI14-784	1.18	<DL	41.2	4.05	<DL	1.17	4.13	0.468	139
32772	A14-1057-019	GMI14-785	1.19	<DL	42.2	3.97	<DL	1.14	4.09	0.453	137
32773	A14-1057-020	GMI14-786	1.07	<DL	32.4	3.17	<DL	0.95	3.41	0.355	109
32774	A14-1057-021	GMI14-787	1.07	<DL	37.2	3.44	<DL	1	3.54	0.366	116
32775	A14-1057-022	GMI14-788	1.29	<DL	26.2	5.1	<DL	0.672	6.45	0.219	178
32776	A14-1057-023	GMI14-789	1.04	<DL	37.9	3.03	<DL	0.931	3.08	0.356	97.7
32777	A14-1057-024	GMI14-790	1.03	<DL	37.7	3.31	<DL	0.986	3.46	0.389	110
32778	A14-1057-025	GMI14-791	1.2	<DL	42.2	3.92	<DL	1.12	3.92	0.451	129
32779	A14-1057-026	GMI14-792	1.5	<DL	45.7	4.17	<DL	1.14	3.93	0.44	128
32780	A14-1057-027	GMI14-793	1.41	<DL	44.4	4.16	<DL	1.24	4.24	0.48	143
32781	A14-1057-028	GMI14-794	1.53	<DL	58.4	4.48	<DL	1.34	4.65	0.52	158
32782	A14-1057-029	GMI14-795	1.47	<DL	52.6	4.33	<DL	0.639	4.11	0.22	152
32783	A14-1057-030	GMI14-796	1.74	<DL	59.9	5.17	<DL	0.706	4.8	0.215	181
32784	A14-1057-031	GMI14-797	1.73	<DL	53.9	5.17	<DL	0.88	4.69	0.334	180
32785	A14-1057-032	GMI14-798	1.73	<DL	49.9	5.39	<DL	0.916	4.79	0.319	191
32786	A14-1057-033	GMI14-799	1.69	<DL	48.2	5.1	<DL	0.798	4.3	0.268	175
32787	A14-1057-034	GMI14-800	1.91	<DL	50.4	5.53	<DL	0.979	5.01	0.345	199



32788	A14-1057-035	GMI14-801	1.98	<DL	56.4	5.79	<DL	0.891	5.15	0.31	212
32789	A14-1057-036	GMI14-802	2.15	<DL	53.6	6.37	<DL	0.889	5.15	0.308	239
32790	A14-1057-037	GMI14-803	2.11	<DL	53.8	5.99	<DL	0.959	5.34	0.32	218
32791	A14-1057-038	GMI14-804	2.18	<DL	54.6	6.22	<DL	1.08	5.54	0.384	227
32792	A14-1057-039	GMI14-805	2.29	<DL	62.7	6.96	<DL	1.15	5.97	0.416	253
32793	A14-1057-040	GMI14-806	2.21	<DL	60.2	6.46	<DL	1.22	5.96	0.421	236
32794	A14-1057-041	GMI14-807	2.22	<DL	53.6	6.6	<DL	1.06	5.73	0.377	233
32795	A14-1057-042	GMI14-808	2.21	<DL	73	6.73	<DL	0.969	5.59	0.316	244
32796	A14-1057-043	GMI14-809	2.07	<DL	56.8	6.05	<DL	0.887	5.14	0.299	226
32797	A14-1057-044	GMI14-810	2.29	<DL	71.2	6.69	<DL	1.13	6.08	0.394	250
32798	A14-1057-045	GMI14-811	1.99	<DL	66.3	5.88	<DL	0.939	5.05	0.33	210
32799	A14-1057-046	GMI14-812	1.55	<DL	61.1	4.64	<DL	0.768	4.34	0.24	160
32800	A14-1057-047	GMI14-813	1.46	<DL	41.4	4.82	<DL	0.407	5.49	0.114	172
30501	A14-1058-001	GMI14-814	1.71	<DL	11.4	4.14	<DL	0.585	3.3	0.21	132
30502	A14-1058-002	GMI14-815	1.53	<DL	11.1	4.14	<DL	0.639	3.29	0.24	135
30503	A14-1058-003	GMI14-816	1.52	<DL	9.31	3.94	<DL	0.639	3.36	0.21	138
30504	A14-1058-004	GMI14-817	1.43	<DL	13.4	3.95	<DL	0.611	3.29	0.245	138
30505	A14-1058-005	GMI14-818	1.39	<DL	13.9	3.94	<DL	0.669	3.32	0.246	134
30506	A14-1058-006	GMI14-819	1.32	<DL	13.2	3.79	<DL	0.643	3.33	0.233	133
30507	A14-1058-007	GMI14-820	1.4	<DL	19.2	3.88	<DL	0.639	3.24	0.204	137
30508	A14-1058-008	GMI14-821	1.18	78	15.4	3.43	<DL	0.558	2.85	0.199	119
30509	A14-1058-009	GMI14-822	1.12	<DL	14	3.05	<DL	0.477	2.44	0.182	103
30510	A14-1058-010	GMI14-823	1.06	115	17.2	2.87	<DL	0.478	2.37	0.177	101
30511	A14-1058-011	GMI14-824	1.23	1450	24.5	3.6	<DL	0.488	2.7	0.194	122
30512	A14-1058-012	GMI14-825	1.22	795	23.3	3.59	<DL	0.51	2.75	0.181	125
30513	A14-1058-013	GMI14-826	1.37	961	25	4.23	<DL	0.616	3.37	0.236	148
30514	A14-1058-014	GMI14-827	1.36	1090	32.5	4.23	<DL	0.55	3.16	0.187	146
30515	A14-1058-015	GMI14-828	1.45	611	39.4	4.16	<DL	0.705	3.25	0.248	144
30516	A14-1058-016	GMI14-829	1.66	1360	38.1	4.5	<DL	0.804	3.51	0.292	159
30517	A14-1058-017	GMI14-830	1.49	1470	40.4	4.56	<DL	0.726	3.46	0.28	158
30518	A14-1058-018	GMI14-831	1.34	1190	40.4	4.11	<DL	0.534	2.84	0.194	136
30519	A14-1058-019	GMI14-832	1.52	1060	48.2	4.12	<DL	0.563	3.12	0.206	144
30520	A14-1058-020	GMI14-833	1.38	1630	45.3	4.07	<DL	0.531	3.03	0.193	142
30521	A14-1058-021	GMI14-834	1.4	2070	50.3	4.11	<DL	0.542	2.96	0.19	147
30522	A14-1058-022	GMI14-835	1.24	3920	42.2	3.68	<DL	0.44	2.41	0.174	128
30523	A14-1058-023	GMI14-836	<DL	2050	29.7	1.47	<DL	0.161	0.727	0.067	44.4
30524	A14-1058-024	GMI14-837	<DL	1350	20.7	2.01	<DL	0.196	1.6	0.077	66.9
30525	A14-1058-025	GMI14-838	1.18	2380	53.9	2.49	<DL	0.738	2.38	0.263	67
30526	A14-1058-026	GMI14-839	<DL	<DL	27	1.21	<DL	0.34	0.709	0.147	18.4
30527	A14-1058-027	GMI14-840	1.35	<DL	34.4	3.07	<DL	0.846	3.08	0.301	94.5
30528	A14-1058-028	GMI14-841	1.4	<DL	33.9	3.84	<DL	0.846	3.16	0.314	121
30529	A14-1058-029	GMI14-842	1.57	<DL	39	3.94	<DL	0.866	3.24	0.312	133
30530	A14-1058-030	GMI14-843	1.55	<DL	47.4	3.64	<DL	0.949	3.44	0.385	124
30531	A14-1058-031	GMI14-844	1.52	<DL	52.1	4.14	<DL	1.12	3.75	0.455	141
30532	A14-1058-032	GMI14-845	1.61	<DL	50.5	4.23	<DL	1.14	3.85	0.465	145
30533	A14-1058-033	GMI14-846	1.68	<DL	48.5	4.18	<DL	1.25	4.18	0.502	152
30534	A14-1058-034	GMI14-847	1.46	<DL	40.4	4.1	<DL	1.13	3.78	0.467	137
30535	A14-1058-035	GMI14-848	1.62	<DL	52	3.72	<DL	1.05	3.61	0.481	132
30536	A14-1058-036	GMI14-849	1.28	<DL	40.3	3.74	<DL	1.03	3.52	0.437	130
30537	A14-1058-037	GMI14-850	1.59	<DL	24.4	3.99	<DL	0.839	4.18	0.348	142
30538	A14-1058-038	GMI14-851	1.05	<DL	10.9	2.96	<DL	0.318	2.66	0.115	106
30539	A14-1058-039	GMI14-852	<DL	<DL	18.2	2.05	<DL	0.319	1.94	0.157	59.6
30540	A14-1058-040	GMI14-853	1.67	<DL	13.6	4.59	<DL	0.321	5.46	0.142	180
30541	A14-1058-041	GMI14-854	1.03	<DL	16.7	2.2	<DL	0.357	1.81	0.153	69.6
30542	A14-1058-042	GMI14-855	<DL	<DL	22.5	1.28	<DL	0.328	1.24	0.146	26.7

**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/kg 1	mg/kg 1	mg/kg 0.1	mg/kg 0.6	mg/kg 2	mg/kg 0.02	mg/kg 0.02	mg/kg 0.03	mg/kg 0.5
32778	A14-1057-025	GMI14-791	1.2	<DL	42.2	3.92	<DL	1.12	3.92	0.451	129
		GMI14-791 DUP	1.14	<DL	36.9	3.67	<DL	1.07	3.83	0.424	123
32800	A14-1057-047	GMI14-813	1.46	<DL	41.4	4.82	<DL	0.407	5.49	0.114	172
		GMI14-813 DUP	1.49	<DL	47.5	4.85	<DL	0.355	5.28	0.101	177
30525	A14-1058-025	GMI14-838	1.18	2380	53.9	2.49	<DL	0.738	2.38	0.263	67
		GMI14-838 DUP	1.12	2070	89.4	2.36	<DL	0.689	2.29	0.216	63.1
30542	A14-1058-042	GMI14-855	<DL	<DL	22.5	1.28	<DL	0.328	1.24	0.146	26.7
		GMI14-855 DUP	<DL	<DL	16.2	1.38	<DL	0.366	1.23	0.162	28

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Certified Values: CRM PTM-1a #1 CRM PTM-1a #2 CRM PTM-1a #3 CRM PTM-1a #4									
		Certified Values: CRM SU-1b #1 CRM SU-1b #2 CRM SU-1b #3 CRM SU-1b #4	6.39 4.67 4.99 5.24 3.33				0.3 <DL <DL <DL <DL			0.043 0.035 0.066 0.086	
		Certified Values: CRM RTS-3a #1 CRM RTS-3a #2 CRM RTS-3a #3 CRM RTS-3a #4				2 2.24 2.23 2.26 2.08					78 73.2 73.7 68 65
		CRM SY-4 #1 CRM SY-4 #2 CRM SY-4 #3 CRM SY-4 #4									
		Certified Values: CRM LKSD-3 #1 CRM LKSD-3 #2 CRM LKSD-3 #3 CRM LKSD-3 #4	2.7 2.77 2.7 2.74 2.97	25 <DL <DL <DL <DL		4.8 3.82 3.66 3.58 3.5					

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/kg 1	B mg/kg 1	Ge mg/kg 0.1	Hf mg/kg 0.6	Hg mg/kg 2	Ho mg/kg 0.02	Pr mg/kg 0.02	Tm mg/kg 0.03	Zr mg/kg 0.5
		Actual Spike Values:	10		10	10	10	10	10	10	10
		Spike #1	9.39		9.95	10.5	10.7	10.4	10.5	10.4	10.3
		Spike #4	10.1		15.2	9.97	9.63	10.6	11	10.5	9.93
		Spike #7	9.41		9.74	9.91	10.3	9.72	9.54	9.67	9.8
		Spike #10	9.58		29.9	9.54	9.13	9.8	9.75	9.77	9.6
		Actual Spike Values:		100							
		Spike #2		82.9							
		Spike #5		79.8							
		Spike #8		113							
		Spike #11		119							
		Actual Spike Values:									
		Spike #3									
		Spike #6									
		Spike #9									
		Spike #12									

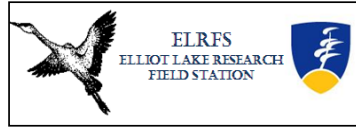
# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-015**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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**Batch: 14-1096 (47) & 14-1097 (34) & 14-1098 (11)**

**ELRFS Contact Information:**

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**Sample Tracking:**

Date Received: 2014 10 09  
Received by: Troy Maki  
# of samples 47 + 34 + 11  
Dates Analysed/ Analyst: Oct 10 - Dec 10, 2014 / Troy Maki  
Submission Date: 2014 12 18

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg 1	B mg/Kg 1	Ge mg/Kg 0.1	Hf mg/Kg 0.6	Hg mg/Kg 2	Ho mg/Kg 0.02	Pr mg/Kg 0.02	Tm mg/Kg 0.03	Zr mg/Kg 0.5
30543	A14-1096-001	GMI14-856	<DL	12.6	20.7	1.47	<DL	0.518	1.05	0.227	37.2
30544	A14-1096-002	GMI14-857	<DL	16.5	22.7	1.23	<DL	0.488	1.16	0.211	36.6
30545	A14-1096-003	GMI14-858	<DL	11.7	27.6	0.924	<DL	0.399	0.643	0.185	27.5
30546	A14-1096-004	GMI14-859	<DL	5.92	23.6	1.21	<DL	0.448	1.52	0.21	37.5
30547	A14-1096-005	GMI14-860	<DL	12.2	36.2	2.47	<DL	0.953	3.7	0.436	86.9
30548	A14-1096-006	GMI14-861	<DL	34.5	39.1	2.18	<DL	0.818	2.47	0.354	78.6
30549	A14-1096-007	GMI14-862	<DL	38.2	31.7	2.06	<DL	0.78	2.33	0.331	73.2
30550	A14-1096-008	GMI14-863	<DL	14.4	34.5	2.79	<DL	1.58	3.09	0.674	80.4
32812	A14-1096-009	GMI14-864	<DL	22.7	34.8	2.14	<DL	0.744	2.38	0.313	73.7
32813	A14-1096-010	GMI14-865	<DL	23.8	27.8	1.84	<DL	0.671	2.03	0.293	63.1
32814	A14-1096-011	GMI14-866	<DL	17.9	34.4	2.48	<DL	0.951	2.84	0.394	89.1
32815	A14-1096-012	GMI14-867	<DL	22.3	35.2	3.32	<DL	1.21	3.72	0.512	122
32816	A14-1096-013	GMI14-868	<DL	21.8	36.6	3.19	<DL	1.14	3.41	0.478	119
32817	A14-1096-014	GMI14-869	<DL	25.6	38.2	2.94	<DL	1.07	3.07	0.443	109
32818	A14-1096-015	GMI14-870	<DL	23.9	40.1	3.21	<DL	1.11	3.29	0.47	116
32819	A14-1096-016	GMI14-871	<DL	20.2	45.7	3.31	<DL	1.18	3.6	0.498	125
32820	A14-1096-017	GMI14-872	<DL	15.1	39.2	2.96	<DL	1.03	3.15	0.425	106
32821	A14-1096-018	GMI14-873	<DL	17.6	32.6	3.1	<DL	1.1	3.31	0.465	114
32822	A14-1096-019	GMI14-874	<DL	15.6	44.6	3.34	<DL	1.15	3.59	0.481	123
32823	A14-1096-020	GMI14-875	<DL	18.7	40.4	3.73	<DL	1.32	4.14	0.583	135
32824	A14-1096-021	GMI14-876	<DL	17.4	43.4	3.34	<DL	1.25	3.69	0.534	122
32825	A14-1096-022	GMI14-877	<DL	10.7	41.2	2.6	<DL	1.54	3.19	0.666	79.8
32826	A14-1096-023	GMI14-878	<DL	20.5	41.6	3.15	<DL	1.15	3.4	0.484	117
32827	A14-1096-024	GMI14-879	<DL	19.9	44.3	3.39	<DL	1.22	3.57	0.523	124
32828	A14-1096-025	GMI14-880	<DL	19.3	46.1	3.33	<DL	1.18	3.5	0.52	121
32829	A14-1096-026	GMI14-881	1.01	19.7	44.1	3.65	<DL	1.26	3.69	0.538	126
32830	A14-1096-027	GMI14-882	<DL	22.5	47.6	3.48	<DL	1.19	3.68	0.548	129
32831	A14-1096-028	GMI14-883	<DL	19.3	53.9	3.52	<DL	1.26	3.73	0.524	127
32832	A14-1096-029	GMI14-884	1.32	13.8	43.5	5.12	<DL	1.84	5.77	0.759	183
32833	A14-1096-030	GMI14-885	<DL	19	48	3.8	<DL	1.36	4.07	0.598	141
32834	A14-1096-031	GMI14-886	<DL	11.2	53.1	3.67	<DL	1.32	3.96	0.563	137
32835	A14-1096-032	GMI14-887	<DL	10.3	57.9	3.74	<DL	1.36	4.05	0.558	137
32836	A14-1096-033	GMI14-888	<DL	9.34	58.5	3.69	<DL	1.34	4.04	0.563	139
32837	A14-1096-034	GMI14-889	<DL	9.63	50.9	3.51	<DL	1.28	3.91	0.542	131

32838	A14-1096-035	GMI14-890	1.05	9.06	54.9	3.66	<DL	1.34	3.96	0.589	134
32839	A14-1096-036	GMI14-891	<DL	11.6	59.2	3.58	<DL	1.31	4.02	0.571	132
32840	A14-1096-037	GMI14-892	<DL	10.1	50	3.14	<DL	1.15	3.5	0.503	115
32841	A14-1096-038	GMI14-893	<DL	11.2	57.4	3.36	<DL	1.19	3.57	0.52	119
32842	A14-1096-039	GMI14-894	<DL	9.87	50.1	3.15	<DL	1.17	3.48	0.502	116
32843	A14-1096-040	GMI14-895	<DL	14.6	46.9	2.74	<DL	1.02	3.02	0.43	102
32844	A14-1096-041	GMI14-896	<DL	12.9	56.5	2.76	<DL	0.992	2.83	0.43	91.7
32845	A14-1096-042	GMI14-897	<DL	15.1	51.7	2.55	<DL	0.965	2.8	0.421	93.4
32846	A14-1096-043	GMI14-898	<DL	11.9	64.3	3.42	<DL	1.22	3.68	0.535	121
32847	A14-1096-044	GMI14-899	<DL	12.6	58.6	3.73	<DL	1.3	3.94	0.562	132
32848	A14-1096-045	GMI14-900	1.03	10.4	69.1	3.65	<DL	1.31	4	0.568	133
32849	A14-1096-046	GMI14-901	<DL	12.2	67.2	3.7	<DL	1.33	4.11	0.585	143
32850	A14-1096-047	GMI14-902	<DL	3.38	61.3	2.7	<DL	1.53	3.07	0.672	79.8
40001	A14-1097-001	GMI14-903	1.44	17.1	62.3	4.26	<DL	1.37	4.12	0.557	144
40002	A14-1097-002	GMI14-904	1.4	18.2	68	4.05	<DL	1.29	3.87	0.508	139
40003	A14-1097-003	GMI14-905	<DL	26.9	55.4	1.86	<DL	0.678	2.21	0.277	54.9
40004	A14-1097-004	GMI14-906	<DL	35.8	54.3	1.64	<DL	0.664	2.03	0.277	50.3
40005	A14-1097-005	GMI14-907	<DL	37.9	75.4	1.98	<DL	0.726	2.33	0.304	65.2
40006	A14-1097-006	GMI14-908	<DL	39.9	73.2	2.15	<DL	0.784	2.38	0.334	71
40007	A14-1097-007	GMI14-909	<DL	40.5	68.9	2.3	<DL	0.822	2.58	0.342	80.4
40008	A14-1097-008	GMI14-910	1.36	20	94.2	3.38	<DL	1.14	3.59	0.488	112
40009	A14-1097-009	GMI14-911	1.18	21.3	101	3.44	<DL	1.12	3.6	0.489	116
40010	A14-1097-010	GMI14-912	1.26	23	101	3.52	<DL	1.15	3.76	0.468	122
40011	A14-1097-011	GMI14-913	1.18	22.2	95.4	2.84	<DL	0.984	3.09	0.393	98.6
40012	A14-1097-012	GMI14-914	<DL	24.8	85.1	2.28	<DL	0.837	2.52	0.335	82.9
40013	A14-1097-013	GMI14-915	1.11	28.3	94.3	2.74	<DL	0.899	2.82	0.354	91.3
40014	A14-1097-014	GMI14-916	1.14	26	95.4	2.83	<DL	0.934	3.13	0.387	92.6
40015	A14-1097-015	GMI14-917	1.31	19.7	108	3.21	<DL	1.14	3.58	0.46	109
40016	A14-1097-016	GMI14-918	1.8	18.6	104	4.44	<DL	1.44	4.68	0.588	146
40017	A14-1097-017	GMI14-919	1.25	27.8	92.2	3.02	<DL	0.957	3.11	0.378	102
40018	A14-1097-018	GMI14-920	1.27	24.3	105	3.07	<DL	1.02	3.29	0.403	109
40019	A14-1097-019	GMI14-921	1.6	25.2	104	3.84	<DL	1.22	4.42	0.482	136
40020	A14-1097-020	GMI14-922	1.8	20.9	101	4.43	<DL	1.46	4.87	0.571	153
40021	A14-1097-021	GMI14-923	1.69	25.6	106	4.03	<DL	1.32	4.52	0.543	139
40022	A14-1097-022	GMI14-924	1.38	25.4	93.4	3.36	<DL	1.08	3.64	0.455	115
40023	A14-1097-023	GMI14-925	1.26	21.7	117	3.42	<DL	0.986	3.38	0.384	110
40024	A14-1097-024	GMI14-926	1.47	26.6	105	3.3	<DL	1.07	3.57	0.41	117
40025	A14-1097-025	GMI14-927	1.21	9.87	97.9	2.31	<DL	1.55	3.02	0.618	66.2
40026	A14-1097-026	GMI14-928	1.57	23.7	145	3.35	<DL	1	3.35	0.394	106
40027	A14-1097-027	GMI14-929	1.36	25.2	140	3.12	<DL	0.991	3.43	0.406	106
40028	A14-1097-028	GMI14-930	1.48	25.5	144	3.27	<DL	1.05	3.49	0.438	110
40029	A14-1097-029	GMI14-931	1.39	32.7	128	2.94	<DL	0.968	3.22	0.378	98.9
40030	A14-1097-030	GMI14-932	1.42	33.2	109	2.61	<DL	0.821	2.82	0.327	92.2
40031	A14-1097-031	GMI14-933	1.23	31.9	108	2.52	<DL	0.77	2.61	0.308	83.9
40032	A14-1097-032	GMI14-934	1.17	35.9	110	2.51	<DL	0.738	2.54	0.295	83.5
40033	A14-1097-033	GMI14-935	1.2	32	118	2.64	<DL	0.812	2.67	0.324	80.8
40034	A14-1097-034	GMI14-936	1.05	37.8	123	2.45	<DL	0.768	2.53	0.317	80.5
32805	A14-1098-001	GMI14-937	1.29	11.2	129	3.18	<DL	1.46	2.72	0.651	94
32806	A14-1098-002	GMI14-938	1.27	8.19	53.5	3.19	<DL	0.57	3.3	0.235	111
32807	A14-1098-003	GMI14-939	<DL	14	168	2.46	<DL	1.28	2.13	0.453	73.2
32808	A14-1098-004	GMI14-940	<DL	10.3	62.4	1.54	<DL	0.726	1.33	0.297	41.5
40951	A14-1098-005	GMI14-941	<DL	12.7	140	1.88	<DL	1.09	2.22	0.475	47.9
40952	A14-1098-006	GMI14-942	<DL	14.7	135	2.6	<DL	1.22	2.17	0.514	66.3
40953	A14-1098-007	GMI14-943	1.54	15.6	134	3.72	<DL	1.14	4.09	0.487	127
40954	A14-1098-008	GMI14-944	<DL	13.9	104	0.987	<DL	0.447	0.758	0.164	27.8
40955	A14-1098-009	GMI14-945	2.6	18.3	168	5.52	<DL	1.77	6.72	0.717	193
40956	A14-1098-010	GMI14-946	1.97	15.7	122	5.04	<DL	0.912	9.74	0.266	195
40957	A14-1098-011	GMI14-947	<DL	13.6	153	2.48	<DL	1.12	2.12	0.447	64.9

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
32828	A14-1096-025	GMI14-880	<DL	19.3	46.1	3.33	<DL	1.18	3.5	0.52	121
		GMI14-880 DUP	<DL	17.6	48.9	3.36	<DL	1.26	3.7	0.523	122
32850	A14-1096-047	GMI14-902	<DL	3.38	61.3	2.7	<DL	1.53	3.07	0.672	79.8
		GMI14-902 DUP	<DL	3.22	56.7	2.64	<DL	1.54	3.05	0.681	81.3
40025	A14-1097-025	GMI14-927	1.21	9.87	97.9	2.31	<DL	1.55	3.02	0.618	66.2
		GMI14-927 DUP	1.07	11.4	109	2.31	<DL	1.45	2.93	0.596	61.1
40957	A14-1098-011	GMI14-947	<DL	13.6	153	2.48	<DL	1.12	2.12	0.447	64.9
		GMI14-947 DUP	<DL	13.3	169	2.36	<DL	1.1	2.22	0.469	63.1

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	2.79				<DL	0.253			
		CRM SU-1b #2	2.84				<DL	0.271			
		CRM SU-1b #3	3.13				<DL	0.236			
		CRM SU-1b #4	3.83				<DL	0.251			
		Certified Values:				2					78
		CRM RTS-3a #1				2.13					76.9
		CRM RTS-3a #2				2.05					75.4
		CRM RTS-3a #3				2.19					74.6
		CRM RTS-3a #4				2.11					75.3
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1	15.9	16.2	2.4		4.55	15.4	2.29	2.33	107
		CRM SY-4 #2	15.2	18.1	2.92		4.53	14.7	2.33	2.31	111
		CRM SY-4 #3	22.3	59.8	2.75		4.62	15.1	2.31	2.28	109
		CRM SY-4 #4	22.4	70.8	2.86		4.58	14.8	2.28	2.28	105
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	2.05	17.2		3.5					122
		CRM LKSD-3 #2	2.45	17.9		3.71					121
		CRM LKSD-3 #3	2.98	23.1		3.57					119
		CRM LKSD-3 #4	3.04	23.5		3.65					121

### SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10		10	10	10	10	10	10	10
		Spike #1	7.54		9.2	9.79	11.7	9.85	9.67	9.76	9.28
		Spike #4	7.91		13.2	8.8	11.9	9.65	10	9.5	9.12
		Spike #7	9.41		7.04	10.2	11.3	9.89	10.1	10	9.97
		Spike #10	9.94		26.4	9.45	10.4	10.1	10.2	10.2	9.31
		Actual Spike Values:		100							
		Spike #2		98.1							
		Spike #5		55.3							
		Spike #8		101							
		Spike #11		90.2							

# Informational Values - Elliot Lake Research Field Station

**JOB CODE:** GMIIV14-016

Swastika Ore Samples from Good Mining

Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

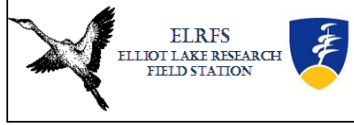
Contact: Lydia Deschenes [swaslab@swaslab.ca];

Swastika Laboratories Ltd

Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0

Phone: 705-642-3244 Fax: 705-642-3300

**Batch: 14-1181 (52) & 14-1203 (51)**



**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 21

Received by: Troy Maki

# of samples 52 + 51

Dates Analysed/ Analyst: Oct 22 - Dec 11, 2014 / Troy Maki

Submission Date: 2014 12 18

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40035	A14-1181-001	GMI14-948	<DL	15.1	37.6	3.13	<DL	0.854	2.99	0.344	103
40036	A14-1181-002	GMI14-949	<DL	17.4	41.9	2.89	<DL	0.879	3.04	0.35	107
40037	A14-1181-003	GMI14-950	<DL	23.4	45	2.9	<DL	0.934	3.11	0.375	106
40038	A14-1181-004	GMI14-951	<DL	24.3	47.9	3.02	<DL	1	3.3	0.403	110
40039	A14-1181-005	GMI14-952	<DL	20.5	45.5	2.82	<DL	0.934	3.11	0.382	104
40040	A14-1181-006	GMI14-953	<DL	14.9	43	2.58	<DL	0.85	2.9	0.345	94.7
40041	A14-1181-007	GMI14-954	<DL	22	48.2	2.8	<DL	0.906	3.12	0.372	99.8
40042	A14-1181-008	GMI14-955	<DL	19	50.6	2.8	<DL	0.946	3.3	0.377	106
40043	A14-1181-009	GMI14-956	<DL	18	46.6	2.63	<DL	0.829	2.98	0.347	95.2
40044	A14-1181-010	GMI14-957	<DL	18.1	50	2.52	<DL	0.825	2.98	0.328	95.7
40045	A14-1181-011	GMI14-958	<DL	19.2	49	2.52	<DL	0.809	2.88	0.338	90.2
40046	A14-1181-012	GMI14-959	<DL	19.3	48	2.52	<DL	0.833	2.87	0.326	91.4
40047	A14-1181-013	GMI14-960	<DL	25.4	49.4	2.57	<DL	0.848	2.95	0.349	92.7
40048	A14-1181-014	GMI14-961	<DL	23.3	52.5	2.64	<DL	0.882	3.14	0.36	97.7
40049	A14-1181-015	GMI14-962	<DL	22.4	52.9	2.6	<DL	0.864	3.03	0.338	96.1
40050	A14-1181-016	GMI14-963	<DL	7.58	72.4	1.39	<DL	0.887	1.51	0.356	40.3
40051	A14-1181-017	GMI14-964	<DL	20.5	52	2.48	<DL	0.801	2.92	0.318	92.3
40052	A14-1181-018	GMI14-965	<DL	21.2	51.5	2.48	<DL	0.797	2.9	0.302	91
40053	A14-1181-019	GMI14-966	<DL	22.3	53	2.41	<DL	0.807	2.98	0.314	90.1
40054	A14-1181-020	GMI14-967	<DL	14.8	55.1	2.57	<DL	0.829	3.08	0.326	96.3
40055	A14-1181-021	GMI14-968	<DL	17.3	52.7	2.45	<DL	0.788	2.88	0.299	89.5
40056	A14-1181-022	GMI14-969	<DL	20.7	52.7	2.43	<DL	0.815	2.88	0.327	88.1
40057	A14-1181-023	GMI14-970	<DL	20.7	52.8	2.29	<DL	0.783	2.81	0.318	86.6
40058	A14-1181-024	GMI14-971	<DL	20.3	56.7	2.58	<DL	0.807	2.98	0.327	91.3
40059	A14-1181-025	GMI14-972	<DL	18.5	54.3	2.34	<DL	0.791	2.84	0.318	85.1
40060	A14-1181-026	GMI14-973	<DL	14.1	59.3	2.66	<DL	0.801	2.92	0.319	89.6
40061	A14-1181-027	GMI14-974	1.34	13.6	72.2	4.49	<DL	1.4	5.52	0.592	171
40062	A14-1181-028	GMI14-975	1.1	21.5	68.4	3.48	<DL	1.13	4.21	0.447	131
40063	A14-1181-029	GMI14-976	<DL	25.1	64.7	2.58	<DL	0.854	3.07	0.353	97.4
40064	A14-1181-030	GMI14-977	<DL	23.7	66.1	2.65	<DL	0.912	3.22	0.374	102
40065	A14-1181-031	GMI14-978	<DL	24.4	65.7	2.61	<DL	0.9	3.1	0.363	97.4
40066	A14-1181-032	GMI14-979	<DL	29	66.5	2.56	<DL	0.857	2.99	0.35	93.6
40067	A14-1181-033	GMI14-980	<DL	30.5	71.7	2.59	<DL	0.931	3.17	0.381	98.2
40068	A14-1181-034	GMI14-981	<DL	28.5	68.7	2.52	<DL	0.906	3.07	0.354	94.2
40069	A14-1181-035	GMI14-982	<DL	29.4	70.1	2.55	<DL	0.898	3.12	0.373	95.4
40070	A14-1181-036	GMI14-983	<DL	25.2	70	2.46	<DL	0.837	2.96	0.343	93.7
40071	A14-1181-037	GMI14-984	<DL	22.7	74.4	2.91	<DL	0.934	3.57	0.372	110
40072	A14-1181-038	GMI14-985	<DL	13.9	67.9	2.45	<DL	0.787	2.96	0.307	93.1
40073	A14-1181-039	GMI14-986	<DL	12	69.1	2.71	<DL	0.804	3.12	0.329	103
40074	A14-1181-040	GMI14-987	<DL	12.6	71.3	2.6	<DL	0.783	2.95	0.296	97.7
40075	A14-1181-041	GMI14-988	<DL	6.67	101	1.37	<DL	0.867	1.53	0.346	37.4
40076	A14-1181-042	GMI14-989	<DL	12.2	72.3	2.66	<DL	0.84	3.12	0.338	101
40077	A14-1181-043	GMI14-990	<DL	14	72.3	2.58	<DL	0.835	3.05	0.338	98.4
40078	A14-1181-044	GMI14-991	<DL	13.3	77.4	2.81	<DL	0.836	3.19	0.327	104
40079	A14-1181-045	GMI14-992	<DL	9.21	77.7	2.74	<DL	0.871	3.19	0.324	102
40080	A14-1181-046	GMI14-993	<DL	14.1	77.7	2.5	<DL	0.796	2.98	0.317	94.2
40081	A14-1181-047	GMI14-994	<DL	24.6	81	2.63	<DL	0.856	3.07	0.355	97.3
40082	A14-1181-048	GMI14-995	<DL	26	80.8	2.56	<DL	0.862	3.02	0.348	93.6
40083	A14-1181-049	GMI14-996	<DL	16.5	84.1	2.54	<DL	0.794	2.94	0.31	93.6
40084	A14-1181-050	GMI14-997	<DL	20.6	83.7	2.5	<DL	0.825	2.87	0.31	93
40085	A14-1181-051	GMI14-998	<DL	23.3	87.5	2.59	<DL	0.778	2.99	0.327	96
40086	A14-1181-052	GMI14-999	<DL	17.5	83	2.44	<DL	0.764	2.79	0.318	89.9
40312	A14-1203-001	GMI14-1000	<DL	5.45	62.1	2.25	<DL	0.476	2.97	0.2	60.1
40313	A14-1203-002	GMI14-1001	<DL	9.54	84.9	1.65	<DL	0.918	2.93	0.417	40.8

40314	A14-1203-003	GMI14-1002	<DL	13.1	57.3	1.82	<DL	0.56	2.91	0.235	56.2
40315	A14-1203-004	GMI14-1003	<DL	14.6	62.4	1.01	<DL	0.369	1.36	0.167	27.1
40316	A14-1203-005	GMI14-1004	<DL	12.3	77.8	2.22	<DL	0.523	3.88	0.221	65.3
40317	A14-1203-006	GMI14-1005	1.36	12.7	88.5	4.96	<DL	1.17	12.6	0.405	180
40318	A14-1203-007	GMI14-1006	<DL	14.1	85.4	1.58	<DL	0.856	1.66	0.379	34.6
40319	A14-1203-008	GMI14-1007	<DL	16.4	82.8	1.62	<DL	0.828	1.75	0.384	33.5
40320	A14-1203-009	GMI14-1008	<DL	15.8	78.8	1.73	<DL	0.774	2.76	0.338	49
40321	A14-1203-010	GMI14-1009	<DL	12.3	57.7	2.94	<DL	0.601	6.87	0.238	104
40322	A14-1203-011	GMI14-1010	<DL	14.3	73.4	2.54	<DL	0.725	4.5	0.31	86.9
40323	A14-1203-012	GMI14-1011	<DL	12.2	70.4	1.88	<DL	0.698	3.27	0.289	55.5
40324	A14-1203-013	GMI14-1012	<DL	13	70.3	2.6	<DL	0.629	4.53	0.273	89.5
40325	A14-1203-014	GMI14-1013	1.03	34.5	96.2	3.35	<DL	1.02	3.11	0.439	119
40326	A14-1203-015	GMI14-1014	<DL	17.5	71.1	1.47	<DL	0.495	1.88	0.217	45.1
40327	A14-1203-016	GMI14-1015	<DL	14.5	58.7	2.61	<DL	0.496	4.29	0.217	93.9
40328	A14-1203-017	GMI14-1016	<DL	16.3	81.5	1.3	<DL	0.465	1.04	0.215	35.6
40329	A14-1203-018	GMI14-1017	<DL	17.1	80.2	1.36	<DL	0.455	1.11	0.209	41.8
40330	A14-1203-019	GMI14-1018	<DL	18.8	85	1.46	<DL	0.458	0.938	0.223	43.3
40331	A14-1203-020	GMI14-1019	<DL	16.3	76.5	2.09	<DL	0.478	2.96	0.201	65.1
40332	A14-1203-021	GMI14-1020	<DL	12.3	67.9	2.46	<DL	0.557	5.04	0.238	87.4
40333	A14-1203-022	GMI14-1021	<DL	9.9	72.2	2.08	<DL	0.466	2.93	0.19	63.3
40334	A14-1203-023	GMI14-1022	<DL	9.81	79.1	2.44	<DL	0.676	4.46	0.297	82.4
40335	A14-1203-024	GMI14-1023	<DL	11.6	86.4	2.4	<DL	0.716	3.98	0.293	69.9
40336	A14-1203-025	GMI14-1024	1.07	14.8	82.8	2.74	<DL	0.74	6.52	0.32	94.9
40337	A14-1203-026	GMI14-1025	1.27	6.89	92.5	3.05	<DL	0.582	4.29	0.253	103
40338	A14-1203-027	GMI14-1026	<DL	9.19	109	1.84	<DL	0.649	2.7	0.271	55.4
40339	A14-1203-028	GMI14-1027	1.11	11.1	118	2.5	<DL	0.803	4.7	0.334	88.1
40340	A14-1203-029	GMI14-1028	<DL	11.5	119	1.95	<DL	0.796	2.35	0.342	52.8
40341	A14-1203-030	GMI14-1029	1.13	13.8	114	2.83	<DL	0.849	4.97	0.372	102
40342	A14-1203-031	GMI14-1030	1.3	10.9	86.5	3.01	<DL	0.569	6.22	0.238	111
40343	A14-1203-032	GMI14-1031	<DL	10.7	121	2.26	<DL	0.747	3.81	0.313	72.1
40344	A14-1203-033	GMI14-1032	<DL	11.3	117	2.44	<DL	0.737	4.3	0.313	75.7
40467	A14-1203-034	GMI14-1033	<DL	12.1	110	2.2	<DL	0.683	3.22	0.295	64.8
40468	A14-1203-035	GMI14-1034	1.05	11	102	2.35	<DL	0.643	3.69	0.272	78.7
40469	A14-1203-036	GMI14-1035	<DL	13.1	144	1.44	<DL	0.784	1.85	0.371	37.1
40470	A14-1203-037	GMI14-1036	1.09	11	96.4	2.26	<DL	0.596	4.72	0.239	76.4
40471	A14-1203-038	GMI14-1037	<DL	10.2	128	2.17	<DL	0.729	3.75	0.298	67.1
40472	A14-1203-039	GMI14-1038	1.26	10.4	120	2.71	<DL	0.717	6.39	0.278	90.8
40473	A14-1203-040	GMI14-1039	<DL	12.7	122	1.54	<DL	0.493	1.85	0.204	43.3
40474	A14-1203-041	GMI14-1040	<DL	12	121	1.45	<DL	0.474	1.4	0.212	42.6
40475	A14-1203-042	GMI14-1041	1.25	33.2	155	2.71	<DL	0.838	2.58	0.365	91.5
40476	A14-1203-043	GMI14-1042	<DL	10.3	129	1.45	<DL	0.445	3.72	0.207	41.6
40477	A14-1203-044	GMI14-1043	<DL	10.1	120	1.77	<DL	0.49	3.18	0.232	55.9
40478	A14-1203-045	GMI14-1044	1.03	10.7	126	1.81	<DL	0.483	3.35	0.217	60.8
40479	A14-1203-046	GMI14-1045	<DL	11.3	124	1.76	<DL	0.454	2.08	0.212	51.7
40480	A14-1203-047	GMI14-1046	2.8	9.34	88.1	2.71	<DL	0.352	3.86	0.167	80.8
40481	A14-1203-048	GMI14-1047	1.73	8.23	125	1.83	<DL	0.392	2.22	0.171	53.9
40482	A14-1203-049	GMI14-1048	1.36	10.4	171	1.57	<DL	0.516	1.66	0.243	34.6
40483	A14-1203-050	GMI14-1049	1.87	10.1	174	2.08	<DL	0.707	2.21	0.342	43.5
40484	A14-1203-051	GMI14-1050	1.77	9.56	197	1.62	<DL	0.776	1.77	0.363	35.1



**QUALITY CONTROL**

**DUPLICATES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40059	A14-1181-025	GMI14-972	<DL	18.5	54.3	2.34	<DL	0.791	2.84	0.318	85.1
		GMI14-972 DUP	<DL	18.9	56.5	2.51	<DL	0.835	3	0.325	91.3
40086	A14-1181-052	GMI14-999	<DL	17.5	83	2.44	<DL	0.764	2.79	0.318	89.9
		GMI14-999 DUP	1	16.9	83.6	2.43	<DL	0.767	2.8	0.295	90.9
40336	A14-1203-025	GMI14-1024	1.07	14.8	82.8	2.74	<DL	0.74	6.52	0.32	94.9
		GMI14-1024 DUP	1.01	12.6	81.4	2.84	<DL	0.738	6.27	0.275	96.4
40484	A14-1203-051	GMI14-1050	1.77	9.56	197	1.62	<DL	0.776	1.77	0.363	35.1
		GMI14-1050 DUP	1.87	10.1	205	1.88	<DL	0.76	1.75	0.396	36.3

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	3.99				<DL	0.244			
		CRM SU-1b #2	3.63				<DL	0.248			
		CRM SU-1b #3	3.59				<DL	0.28			
		CRM SU-1b #4	4.53				<DL	0.269			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.28					84.5
		CRM RTS-3a #2				2.13					80.5
		CRM RTS-3a #3				2.12					76.9
		CRM RTS-3a #4				2.03					61.6
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		16.5	28.4	2.6		4.67	16	2.37	122
		CRM SY-4 #2		14.4	42.2	2.45		4.48	14.7	2.29	109
		CRM SY-4 #3		20.7	62.9	2.82		4.32	13.3	2.26	112
		CRM SY-4 #4		20.6	114	3.42		3.64	10.3	2.01	92
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.33	17.3		3.37					124
		CRM LKSD-3 #2	2.63	15.8		3.41					124
		CRM LKSD-3 #3	2.73	23.4		3.64					117
		CRM LKSD-3 #4	5.6	23.8		3.6					98.9

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	9.54	10.2	9.91	10.2	10.6	9.93	9.9	9.91	10.3
		Spike #4	9.82	7.96	11	9.56	10.9	9.84	10.6	9.78	9.91
		Spike #7	9.14	10.4	9.92	9.84	9.38	9.58	9.58	9.46	9.99
		Spike #10	9.63	10.2	13.1	9.49	9.4	9.6	9.21	9.51	9.01

# Informational Values - Elliot Lake Research Field Station

**JOB CODE:** GMIIV14-017

Swastika Ore Samples from Good Mining

Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

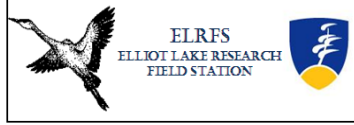
Contact: Lydia Deschenes [swaslab@swaslab.ca];

Swastika Laboratories Ltd

Address: Box 10, 1 Cameron Avenue, Swastika ON P0K 1T0

Phone: 705-642-3244 Fax: 705-642-3300

**Batch: 14-1182 (51) & 14-1183 (50)**



**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]

Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6

Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 21

Received by: Troy Maki

# of samples 51 + 50

Dates Analysed/ Analyst: Oct 22 - Dec 15, 2014 / Troy Maki

Submission Date: 2014 12 18

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40087	A14-1182-001	GMI14-1151	1.27	36	74.1	2.97	<DL	0.83	2.81	0.334	97.9
40088	A14-1182-002	GMI14-1152	1.04	36.1	71.9	2.61	<DL	0.837	2.68	0.343	90.8
40089	A14-1182-003	GMI14-1153	<DL	33.3	73.5	2.53	<DL	0.761	2.66	0.305	88.8
40090	A14-1182-004	GMI14-1154	1.04	20.9	72	2.51	<DL	0.671	2.62	0.269	87.8
40091	A14-1182-005	GMI14-1155	<DL	21.1	76.8	2.49	<DL	0.74	2.67	0.297	85.1
40092	A14-1182-006	GMI14-1156	<DL	22.7	75	2.35	<DL	0.713	2.6	0.289	78.4
40093	A14-1182-007	GMI14-1157	<DL	25.7	75.5	2.13	<DL	0.657	2.43	0.261	68.9
40094	A14-1182-008	GMI14-1158	1.25	9.45	47	3.26	<DL	0.437	3.93	0.173	112
40095	A14-1182-009	GMI14-1159	1.17	9.78	50.1	3.05	<DL	0.406	2.97	0.175	102
40096	A14-1182-010	GMI14-1160	1.74	7.88	44.6	4.23	<DL	0.374	5.13	0.164	139
40097	A14-1182-011	GMI14-1161	<DL	9.28	60.5	1.98	<DL	0.387	2.84	0.153	57.5
40098	A14-1182-012	GMI14-1162	1.16	8.38	55.9	2.93	<DL	0.338	2.71	0.146	82.7
40099	A14-1182-013	GMI14-1163	<DL	8.28	63.1	2.65	<DL	0.348	2.36	0.156	77.2
40100	A14-1182-014	GMI14-1164	<DL	8.66	124	1.42	<DL	0.815	1.41	0.328	39.1
40101	A14-1182-015	GMI14-1165	<DL	11.4	62.1	1.95	<DL	0.418	2.21	0.161	62.9
40102	A14-1182-016	GMI14-1166	<DL	11.7	74	1.52	<DL	0.396	2.32	0.166	45.4
40103	A14-1182-017	GMI14-1167	1.13	9.67	54.1	3.06	<DL	0.33	2.73	0.158	100
40104	A14-1182-018	GMI14-1168	1.34	8.13	55.7	3.14	<DL	0.32	2.43	0.137	97.4
40105	A14-1182-019	GMI14-1169	1.3	8.17	54.5	3.65	<DL	0.308	2.28	0.142	122
40106	A14-1182-020	GMI14-1170	1.41	8.26	49.6	4.22	<DL	0.301	2.67	0.141	147
40107	A14-1182-021	GMI14-1171	1.85	5.91	22.5	5.16	<DL	0.305	5.94	0.142	184
40108	A14-1182-022	GMI14-1172	1.36	6.66	54.2	3.47	<DL	0.334	5.08	0.151	122
40109	A14-1182-023	GMI14-1173	<DL	8.77	93.3	1.45	<DL	0.373	1.61	0.154	46.2
40110	A14-1182-024	GMI14-1174	<DL	9.35	79.3	1.63	<DL	0.372	1.56	0.165	47
40111	A14-1182-025	GMI14-1175	<DL	9.31	84.9	1.33	<DL	0.364	1.24	0.157	37.7
40112	A14-1182-026	GMI14-1176	1.23	4	64.7	2.69	<DL	0.367	1.81	0.143	81.9
40113	A14-1182-027	GMI14-1177	1.3	5.38	53.9	3.31	<DL	0.352	2.76	0.151	135
40114	A14-1182-028	GMI14-1178	1.04	13.9	65.6	1.95	<DL	0.444	2.58	0.196	73.5
40115	A14-1182-029	GMI14-1179	<DL	11.7	82.6	1.25	<DL	0.422	1.06	0.178	37.2
40116	A14-1182-030	GMI14-1180	<DL	10.3	76.4	1.69	<DL	0.365	1.29	0.159	58
40117	A14-1182-031	GMI14-1181	<DL	10.4	76.6	1.8	<DL	0.367	1.28	0.154	59.6
40118	A14-1182-032	GMI14-1182	1.47	17.9	114	3.61	<DL	1.18	3.86	0.517	135
40119	A14-1182-033	GMI14-1183	1.53	16.3	113	3.85	<DL	1.11	3.83	0.444	145
40120	A14-1182-034	GMI14-1184	1.58	20.2	118	3.89	<DL	1.22	3.94	0.512	146
40121	A14-1182-035	GMI14-1185	1.65	19.9	120	3.94	<DL	1.21	3.93	0.494	148
40122	A14-1182-036	GMI14-1186	1.68	19.9	124	4.09	<DL	1.3	4.1	0.551	148
40123	A14-1182-037	GMI14-1187	1.7	21.6	130	4.24	<DL	1.33	4.1	0.579	152
40124	A14-1182-038	GMI14-1188	1.65	19.8	127	3.87	<DL	1.27	4.01	0.571	144
40125	A14-1182-039	GMI14-1189	<DL	6.23	162	1.51	<DL	0.813	1.43	0.323	38.9
40126	A14-1182-040	GMI14-1190	1.65	17.5	130	4.1	<DL	1.16	4.01	0.49	148
40127	A14-1182-041	GMI14-1191	1.57	16.9	129	3.44	<DL	1.07	3.44	0.454	130
40128	A14-1182-042	GMI14-1192	1.48	13.3	125	3.27	<DL	0.973	3.22	0.362	119
40129	A14-1182-043	GMI14-1193	1.35	19.2	129	3.02	<DL	0.952	3.05	0.379	112
40130	A14-1182-044	GMI14-1194	1.47	16.4	126	3.22	<DL	1	3.25	0.409	118
40131	A14-1182-045	GMI14-1195	1.64	13.5	126	3.51	<DL	1.01	3.46	0.435	129
40132	A14-1182-046	GMI14-1196	1.38	14.8	130	3.07	<DL	0.948	2.99	0.388	111
40133	A14-1182-047	GMI14-1197	1.65	14.4	136	3.66	<DL	1.01	3.38	0.44	127
40134	A14-1182-048	GMI14-1198	1.64	11.7	138	3.71	<DL	1.06	3.52	0.42	133
40135	A14-1182-049	GMI14-1199	2.03	12.1	149	5.18	<DL	1.55	5.08	0.656	185
40136	A14-1182-050	GMI14-1200	1.85	10.5	159	4.3	<DL	1.21	3.97	0.513	150
40137	A14-1182-051	GMI14-1201	2.67	9.48	166	6.21	<DL	1.83	6.23	0.76	231
40138	A14-1183-001	GMI14-1202	2.2	8.83	138	4.46	<DL	1.28	4.13	0.511	162
40139	A14-1183-002	GMI14-1203	2.11	10.4	143	4.62	<DL	1.36	4.48	0.578	169
40140	A14-1183-003	GMI14-1204	2.07	12.1	134	4.12	<DL	1.25	4.16	0.48	159

40141	A14-1183-004	GMI14-1205	1.84	12.7	133	4.07	<DL	1.27	3.97	0.532	153
40142	A14-1183-005	GMI14-1206	2.02	13.4	137	4.31	<DL	1.34	4.24	0.522	161
40143	A14-1183-006	GMI14-1207	1.88	15.5	139	4.27	<DL	1.29	4.05	0.504	156
40144	A14-1183-007	GMI14-1208	1.79	15	136	4.16	<DL	1.22	3.84	0.477	152
40145	A14-1183-008	GMI14-1209	1.84	14.2	146	4.04	<DL	1.26	3.9	0.444	150
40146	A14-1183-009	GMI14-1210	1.77	12.7	142	3.91	<DL	1.1	3.6	0.425	140
40147	A14-1183-010	GMI14-1211	1.75	14.2	142	3.69	<DL	1.12	3.57	0.47	139
40148	A14-1183-011	GMI14-1212	1.77	15.5	145	4.07	<DL	1.21	3.55	0.45	139
40149	A14-1183-012	GMI14-1213	1.78	14.2	144	3.56	<DL	1.03	3.33	0.401	129
40150	A14-1183-013	GMI14-1214	<DL	10.6	203	1.55	<DL	0.866	1.4	0.346	45.6
40151	A14-1183-014	GMI14-1215	1.85	18.8	156	3.58	<DL	1.11	3.26	0.422	127
40152	A14-1183-015	GMI14-1216	1.84	17.5	158	3.61	<DL	1.13	3.32	0.464	133
40153	A14-1183-016	GMI14-1217	1.76	20.7	159	3.53	<DL	1.08	3.2	0.439	128
40154	A14-1183-017	GMI14-1218	1.59	19.7	153	3.38	<DL	0.923	2.82	0.35	109
40155	A14-1183-018	GMI14-1219	1.74	18.8	163	3.07	<DL	0.915	3.01	0.324	115
40156	A14-1183-019	GMI14-1220	1.94	18.1	169	3.44	<DL	0.994	3.14	0.385	126
40157	A14-1183-020	GMI14-1221	2.14	19.2	178	3.51	<DL	1.02	3.35	0.377	134
40158	A14-1183-021	GMI14-1222	2.26	17.3	181	4.21	<DL	1.13	3.36	0.42	135
40159	A14-1183-022	GMI14-1223	2.58	22.7	200	4.1	<DL	1.16	3.47	0.48	139
40160	A14-1183-023	GMI14-1224	3.13	24.4	208	3.79	<DL	1.12	3.47	0.437	139
40161	A14-1183-024	GMI14-1225	3	23.4	212	4.13	<DL	1.1	3.36	0.463	137
40162	A14-1183-025	GMI14-1226	3.24	20.3	212	3.53	<DL	1.07	3.3	0.388	138
40163	A14-1183-026	GMI14-1227	2.15	4.93	69.2	2.49	<DL	0.514	2.33	0.202	52.6
40164	A14-1183-027	GMI14-1228	<DL	5.17	71.5	2.01	<DL	0.429	2.11	0.194	54.2
40165	A14-1183-028	GMI14-1229	<DL	4.71	78.2	1.27	<DL	0.42	1.03	0.182	30.2
40166	A14-1183-029	GMI14-1230	<DL	5.44	70.7	1.97	<DL	0.399	1.49	0.171	57.6
40167	A14-1183-030	GMI14-1231	<DL	5.35	79.2	1.49	<DL	0.393	1.25	0.163	36.8
40168	A14-1183-031	GMI14-1232	<DL	4.49	77.7	1.53	<DL	0.394	1.42	0.163	40.9
40169	A14-1183-032	GMI14-1233	<DL	3.15	70.3	1.87	<DL	0.407	2.88	0.151	49.4
40170	A14-1183-033	GMI14-1234	<DL	3.32	68.6	2.06	<DL	0.411	2.97	0.166	57.5
40171	A14-1183-034	GMI14-1235	<DL	4.5	76.1	1.67	<DL	0.442	1.62	0.182	42.8
40172	A14-1183-035	GMI14-1236	<DL	3.81	76.3	1.48	<DL	0.447	1.46	0.187	35.1
40173	A14-1183-036	GMI14-1237	<DL	3.69	74.1	1.44	<DL	0.41	1.6	0.184	33.1
40174	A14-1183-037	GMI14-1238	<DL	3.45	73.6	2.03	<DL	0.411	1.85	0.182	54.6
40175	A14-1183-038	GMI14-1239	<DL	<DL	144	1.55	<DL	0.828	1.4	0.342	36.7
40176	A14-1183-039	GMI14-1240	<DL	51	102	2.56	<DL	0.774	2.44	0.34	76.8
40177	A14-1183-040	GMI14-1241	<DL	53.2	102	2.48	<DL	0.77	2.47	0.312	79
40178	A14-1183-041	GMI14-1242	<DL	46.3	101	2.5	<DL	0.735	2.34	0.29	77.9
40179	A14-1183-042	GMI14-1243	<DL	41.7	105	2.57	<DL	0.771	2.49	0.315	80
40180	A14-1183-043	GMI14-1244	<DL	36.9	103	2.59	<DL	0.736	2.44	0.278	78.8
40181	A14-1183-044	GMI14-1245	<DL	20.5	102	2.5	<DL	0.7	2.46	0.285	78.3
40182	A14-1183-045	GMI14-1246	<DL	24.8	106	2.8	<DL	0.777	2.6	0.323	83.5
40183	A14-1183-046	GMI14-1247	<DL	32.8	108	2.6	<DL	0.76	2.56	0.311	83.2
40184	A14-1183-047	GMI14-1248	<DL	9.47	72.5	4.24	<DL	0.344	4.33	0.151	154
40185	A14-1183-048	GMI14-1249	<DL	6.1	62.9	3.54	<DL	0.338	4.81	0.161	131
40186	A14-1183-049	GMI14-1250	<DL	9.36	73.1	2.44	<DL	0.369	1.98	0.165	72.4
40187	A14-1183-050	GMI14-1251	<DL	10.4	76.8	2.58	<DL	0.343	2.11	0.158	78.6

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40111	A14-1182-025	GMI14-1175	<DL	9.31	84.9	1.33	<DL	0.364	1.24	0.157	37.7
		GMI14-1175 DUP	<DL	9.84	87.6	1.31	<DL	0.39	1.24	0.162	38.3
40137	A14-1182-051	GMI14-1201	2.67	9.48	166	6.21	<DL	1.83	6.23	0.76	231
		GMI14-1201 DUP	2.65	9.82	166	5.9	<DL	1.84	6.16	0.775	226
40162	A14-1183-025	GMI14-1226	3.24	20.3	212	3.53	<DL	1.07	3.3	0.388	138
		GMI14-1226 DUP	3.21	20.1	211	4.17	<DL	1.07	3.34	0.415	133
40187	A14-1183-050	GMI14-1251	<DL	10.4	76.8	2.58	<DL	0.343	2.11	0.158	78.6
		GMI14-1251 DUP	<DL	11.4	79.2	2.7	<DL	0.373	2.19	0.149	78.9

**CERTIFIED REFERENCE MATERIALS**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg 1	B mg/Kg 1	Ge mg/Kg 0.1	Hf mg/Kg 0.6	Hg mg/Kg 2	Ho mg/Kg 0.02	Pr mg/Kg 0.02	Tm mg/Kg 0.03	Zr mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	4.36				<DL	0.279			
		CRM SU-1b #2	4.16				<DL	0.275			
		CRM SU-1b #3	4.71				<DL	0.244			
		CRM SU-1b #4	3.38				<DL	0.197			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.35					86.2
		CRM RTS-3a #2				2.22					82.1
		CRM RTS-3a #3				2.03					73.3
		CRM RTS-3a #4				2.04					79.4
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		17.2	50.7	2.72		4.2	14.2	2.17	111
		CRM SY-4 #2		14.1	64	2.59		4.12	13.9	2.15	110
		CRM SY-4 #3		21.1	102	3.11		3.42	11.3	1.75	104
		CRM SY-4 #4		14.9	54.3	3.25		4.87	15.8	2.49	113
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	3.2	22.1		3.97					141
		CRM LKSD-3 #2	3.46	17.3		3.83					128
		CRM LKSD-3 #3	5.57	25.5		3.74					118
		CRM LKSD-3 #4	3.07	17.1		3.82					121

**SPIKES**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag ug/L 1	B ug/L 1	Ge ug/L 0.1	Hf ug/L 0.6	Hg ug/L 2	Ho ug/L 0.02	Pr ug/L 0.02	Tm ug/L 0.03	Zr ug/L 0.5
		Actual Spike Values:	<b>10</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	9.84		9.99	10.6	9.78	10.1	10.1	10.2	10.5
		Spike #4	10.6		16.9	9.76	10.5	10.1	10.4	10.2	10
		Spike #7	9.61		13.2	10.4	10.4	10.3	10.1	10.2	10.1
		Spike #10	10		10.2	10.4	12.1	10.1	9.68	10.1	9.79
		Actual Spike Values:		<b>100</b>							
		Spike #2		111							
		Spike #5		76.1							
		Spike #8		82.6							
		Spike #11		91.6							

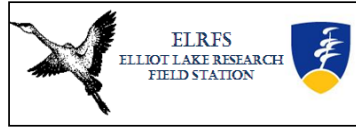
# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-018**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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**Batch: 14-1184 (49) & 14-1185 (42)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples 49 + 42  
Dates Analysed/ Analyst: Oct 22 - Dec 15, 2014 / Troy Maki  
Submission Date: 2014 12 18

Dr. Graeme Spiers - ELRFS Director

**FINAL RESULTS (mg/Kg)**

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg 1	B mg/Kg 1	Ge mg/Kg 0.1	Hf mg/Kg 0.6	Hg mg/Kg 2	Ho mg/Kg 0.02	Pr mg/Kg 0.02	Tm mg/Kg 0.03	Zr mg/Kg 0.5
40188	A14-1184-001	GMI14-1252	2.5	11.6	72.3	3.98	<DL	0.362	2.95	0.143	138
40189	A14-1184-002	GMI14-1253	<DL	8.58	78.4	2.05	<DL	0.338	1.47	0.141	58.9
40190	A14-1184-003	GMI14-1254	<DL	9.84	78.9	2.79	<DL	0.374	2.99	0.169	107
40191	A14-1184-004	GMI14-1255	<DL	10.5	84.3	1.56	<DL	0.372	1.34	0.159	39.9
40192	A14-1184-005	GMI14-1256	<DL	11	84.1	3.47	<DL	0.386	1.96	0.175	149
40193	A14-1184-006	GMI14-1257	<DL	10.9	84.2	2.07	<DL	0.341	1.65	0.149	53
40194	A14-1184-007	GMI14-1258	<DL	8.71	94.4	1.48	<DL	0.377	1.45	0.17	40.7
40195	A14-1184-008	GMI14-1259	<DL	8.12	88.7	2.81	<DL	0.332	2.93	0.131	88.1
40196	A14-1184-009	GMI14-1260	<DL	10.6	96.3	2.23	<DL	0.355	2.01	0.158	65.5
40197	A14-1184-010	GMI14-1261	2.61	14.3	86.4	3.43	<DL	0.343	4.32	0.142	158
40198	A14-1184-011	GMI14-1262	2.44	11.4	81	3.29	<DL	0.362	3.79	0.15	131
40199	A14-1184-012	GMI14-1263	<DL	13.7	93.2	1.84	<DL	0.357	1.24	0.155	43.8
40200	A14-1184-013	GMI14-1264	<DL	2.45	183	1.59	<DL	0.811	1.45	0.327	36.6
40201	A14-1184-014	GMI14-1265	<DL	9.23	103	<DL	<DL	0.398	1.59	0.181	23.4
40202	A14-1184-015	GMI14-1266	<DL	15.7	106	<DL	<DL	0.396	0.771	0.176	20.5
40203	A14-1184-016	GMI14-1267	<DL	11.1	98.9	1.27	<DL	0.378	1.06	0.173	29.6
40204	A14-1184-017	GMI14-1268	<DL	9.27	102	<DL	<DL	0.378	0.667	0.167	18
40205	A14-1184-018	GMI14-1269	<DL	6.77	98.5	1.72	<DL	0.343	2.06	0.152	43.2
40206	A14-1184-019	GMI14-1270	<DL	8.43	76.9	3.17	<DL	0.35	6.18	0.132	103
40207	A14-1184-020	GMI14-1271	<DL	9.09	96.3	2.02	<DL	0.308	1.72	0.141	60
40208	A14-1184-021	GMI14-1272	<DL	11.9	97.6	2.33	<DL	0.384	2.14	0.168	78.4
40209	A14-1184-022	GMI14-1273	2.23	9.19	84.1	3.67	<DL	0.35	3.62	0.143	129
40210	A14-1184-023	GMI14-1274	3.05	7.69	80.7	4.83	<DL	0.38	5.01	0.182	172
40211	A14-1184-024	GMI14-1275	<DL	8.53	96.2	3.77	<DL	0.376	3.35	0.172	132
40212	A14-1184-025	GMI14-1276	<DL	12.6	107	1.42	<DL	0.389	0.971	0.175	32.5
40213	A14-1184-026	GMI14-1277	3.49	11.1	98.9	4.94	<DL	0.446	2.7	0.187	176
40214	A14-1184-027	GMI14-1278	2.35	13.3	107	3.08	<DL	0.495	3.45	0.189	118
40215	A14-1184-028	GMI14-1279	<DL	13.4	110	1.61	<DL	0.359	1.17	0.145	38.8
40216	A14-1184-029	GMI14-1280	2.3	14.4	96.9	3.41	<DL	0.367	2.03	0.144	119
40217	A14-1184-030	GMI14-1281	2.05	12.5	88.2	2.77	<DL	0.273	2.1	0.088	92.6
40218	A14-1184-031	GMI14-1282	2.18	11.2	85.3	3.54	<DL	0.235	2.49	0.076	143
40219	A14-1184-032	GMI14-1283	<DL	15.3	108	1.39	<DL	0.329	1.17	0.122	36.2
40220	A14-1184-033	GMI14-1284	<DL	14.2	98.4	2.33	<DL	0.34	1.85	0.122	69.4
40221	A14-1184-034	GMI14-1285	<DL	14.2	115	<DL	<DL	0.391	0.807	0.155	22.3

40222	A14-1184-035	GMI14-1286	<DL	9.87	105	1.48	<DL	0.328	1.51	0.119	39.7
40223	A14-1184-036	GMI14-1287	<DL	8.86	113	1.5	<DL	0.367	1.5	0.131	41.1
40224	A14-1184-037	GMI14-1288	<DL	10.1	103	3.93	<DL	0.298	2.61	0.088	152
40225	A14-1184-038	GMI14-1289	<DL	19.2	127	1.92	<DL	0.441	1.79	0.144	60.4
40226	A14-1184-039	GMI14-1290	<DL	11.9	112	2.16	<DL	0.418	1.87	0.156	66
40227	A14-1184-040	GMI14-1291	<DL	14.6	113	<DL	<DL	0.363	0.833	0.143	19.1
40228	A14-1184-041	GMI14-1292	<DL	14.8	114	1.28	<DL	0.365	1.06	0.131	29.8
40229	A14-1184-042	GMI14-1293	<DL	12.2	109	1.61	<DL	0.303	1.23	0.112	40.8
40230	A14-1184-043	GMI14-1294	<DL	13.2	113	2.69	<DL	0.381	1.32	0.142	85.8
40231	A14-1184-044	GMI14-1295	<DL	9.67	110	1.94	<DL	0.33	2.13	0.126	72.6
40232	A14-1184-045	GMI14-1296	9.96	11.8	94.2	30.3	<DL	0.686	10.1	0.364	1680
40233	A14-1184-046	GMI14-1297	4.44	11.8	102	9.21	<DL	0.433	5.36	0.188	456
40234	A14-1184-047	GMI14-1298	5.32	11.9	88.2	7.59	<DL	0.328	4.96	0.124	343
40235	A14-1184-048	GMI14-1299	3.03	11.6	105	3.34	<DL	0.259	2.22	0.105	99.2
40236	A14-1184-049	GMI14-1300	<DL	10.8	100	2	<DL	0.31	2.16	0.108	68.8
40237	A14-1185-001	GMI14-1301	<DL	11.9	122	1.64	<DL	0.343	1.04	0.145	30.2
40238	A14-1185-002	GMI14-1302	2.23	8.48	104	2.94	<DL	0.495	6.82	0.16	101
40239	A14-1185-003	GMI14-1303	2.95	7.15	85.2	4.98	<DL	0.621	13.1	0.161	200
40240	A14-1185-004	GMI14-1304	2.28	5.72	84	3.82	<DL	0.525	12.3	0.124	144
40241	A14-1185-005	GMI14-1305	2.5	5.51	86.5	4.28	<DL	0.604	13.7	0.16	155
40242	A14-1185-006	GMI14-1306	<DL	6.8	124	2.63	<DL	0.506	6.53	0.168	88.2
40243	A14-1185-007	GMI14-1307	<DL	7.81	122	2.33	<DL	0.393	3.32	0.139	77.8
40244	A14-1185-008	GMI14-1308	2.13	7.6	112	2.18	<DL	0.29	3.42	0.094	75.3
40245	A14-1185-009	GMI14-1309	2.82	6.83	102	2.26	<DL	0.352	5.16	0.142	78
40246	A14-1185-010	GMI14-1310	3.3	6.91	80.5	3.33	<DL	0.37	7.09	0.109	121
40247	A14-1185-011	GMI14-1311	<DL	9.68	121	1.88	<DL	0.345	3.28	0.103	53.2
40248	A14-1185-012	GMI14-1312	<DL	10.7	135	<DL	<DL	0.36	1.13	0.138	22.3
40249	A14-1185-013	GMI14-1313	<DL	11.8	137	<DL	<DL	0.36	0.945	0.106	23.2
40250	A14-1185-014	GMI14-1314	<DL	19.1	158	1.92	<DL	0.469	1.68	0.177	55.6
40251	A14-1185-015	GMI14-1315	<DL	13.5	143	<DL	<DL	0.321	0.663	0.139	19.9
40252	A14-1185-016	GMI14-1316	<DL	9.01	138	<DL	<DL	0.228	0.703	0.063	22.1
40253	A14-1185-017	GMI14-1317	<DL	7.83	139	<DL	<DL	0.282	0.623	0.105	20.2
40254	A14-1185-018	GMI14-1318	<DL	6.82	139	<DL	<DL	0.284	0.572	0.075	22.1
40255	A14-1185-019	GMI14-1319	<DL	9.19	152	<DL	<DL	0.321	0.82	0.121	23.5
40256	A14-1185-020	GMI14-1320	<DL	8.69	139	1.25	<DL	0.343	1.44	0.117	31.5
40257	A14-1185-021	GMI14-1321	<DL	7.9	169	1.6	<DL	0.351	2.26	0.135	46.7
40258	A14-1185-022	GMI14-1322	<DL	7.48	145	<DL	<DL	0.258	0.586	0.071	23.7
40259	A14-1185-023	GMI14-1323	<DL	8.12	147	<DL	<DL	0.31	0.543	0.112	21.9
40260	A14-1185-024	GMI14-1324	2.36	8.02	121	2.4	<DL	0.354	4.28	0.1	87.5
40261	A14-1185-025	GMI14-1325	<DL	7.86	139	1.95	<DL	0.342	3.97	0.101	59
40262	A14-1185-026	GMI14-1326	2.18	7.54	146	1.46	<DL	0.302	0.82	0.13	22.6
40263	A14-1185-027	GMI14-1327	<DL	9.05	150	1.59	<DL	0.39	2.8	0.165	44.5
40264	A14-1185-028	GMI14-1328	3.36	5.15	103	2.6	<DL	0.463	4.23	0.195	82.3
40265	A14-1185-029	GMI14-1329	4.41	5.36	106	4.41	<DL	0.335	4.67	0.124	151
40266	A14-1185-030	GMI14-1330	3.35	10.6	87.8	3.66	<DL	0.425	16.8	0.129	144
40267	A14-1185-031	GMI14-1331	2.79	9.55	230	3.55	<DL	0.746	2.7	0.357	114
40268	A14-1185-032	GMI14-1332	2.72	8.76	262	2.96	<DL	0.736	3.94	0.311	96.6
40269	A14-1185-033	GMI14-1333	2.6	16.6	220	2.87	<DL	0.474	2.16	0.195	98.8
40270	A14-1185-034	GMI14-1334	2.17	9.56	201	2.39	<DL	0.299	1.3	0.131	82.6
40271	A14-1185-035	GMI14-1335	2.18	8.73	208	2.37	<DL	0.339	1.42	0.128	85.1
40272	A14-1185-036	GMI14-1336	2	9.84	196	2.42	<DL	0.429	1.95	0.177	76.6
40273	A14-1185-037	GMI14-1337	2.17	12	194	2.6	<DL	0.506	2.36	0.209	87.5
40274	A14-1185-038	GMI14-1338	4.12	67.7	252	5.14	<DL	0.914	3.86	0.36	184
40275	A14-1185-039	GMI14-1339	<DL	19	171	1.99	<DL	0.497	1.9	0.209	64.7
40276	A14-1185-040	GMI14-1340	2.89	28.5	223	3.43	<DL	0.77	3.35	0.298	127
40277	A14-1185-041	GMI14-1341	2.55	13	215	3.48	<DL	0.697	2.97	0.26	117
40278	A14-1185-042	GMI14-1342	2.06	9.63	192	2.68	<DL	0.555	2.35	0.237	90.2

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg 1	B mg/Kg 1	Ge mg/Kg 0.1	Hf mg/Kg 0.6	Hg mg/Kg 2	Ho mg/Kg 0.02	Pr mg/Kg 0.02	Tm mg/Kg 0.03	Zr mg/Kg 0.5
40212	A14-1184-025	GMI14-1276	<DL	12.6	107	1.42	<DL	0.389	0.971	0.175	32.5
		GMI14-1276 DUP	<DL	12.5	109	1.54	<DL	0.406	1.04	0.183	32.3
40236	A14-1184-049	GMI14-1300	<DL	10.8	100	2	<DL	0.31	2.16	0.108	68.8
		GMI14-1300 DUP	<DL	10.5	103	2.03	<DL	0.29	2.09	0.094	69.1
40261	A14-1185-025	GMI14-1325	<DL	7.86	139	1.95	<DL	0.342	3.97	0.101	59
		GMI14-1325 DUP	<DL	8.08	138	1.9	<DL	0.365	3.98	0.107	56.7
40278	A14-1185-042	GMI14-1342	2.06	9.63	192	2.68	<DL	0.555	2.35	0.237	90.2
		GMI14-1342 DUP	<DL	8.28	178	2.59	<DL	0.486	2.26	0.182	85.2

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg 1	B mg/Kg 1	Ge mg/Kg 0.1	Hf mg/Kg 0.6	Hg mg/Kg 2	Ho mg/Kg 0.02	Pr mg/Kg 0.02	Tm mg/Kg 0.03	Zr mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	3.43				<DL	0.223			
		CRM SU-1b #2	3.48				<DL	0.253			
		CRM SU-1b #3	3.68				<DL	0.262			
		CRM SU-1b #4	3.05				<DL	0.236			
		Certified Values:				2					78
		CRM RTS-3a #1				2.28					72.9
		CRM RTS-3a #2				2.32					79.9
		CRM RTS-3a #3				2.18					67.9
		CRM RTS-3a #4				2.42					81.6
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1	11.8	65.7	3.22		4.19	14.4	2.16	101	
		CRM SY-4 #2	18.6	80.9	3.05		2.49	10.1	1.26	98.7	
		CRM SY-4 #3	17.3	89.5	3.1		2.5	9.11	1.26	86.4	
		CRM SY-4 #4	15.6	89.8	3.05		2.59	10.4	1.22	99.9	
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	3.81	15.5		3.82					114
		CRM LKSD-3 #2	3.98	23		4					122
		CRM LKSD-3 #3	4.51	21.9		3.51					108
		CRM LKSD-3 #4	3.84	21.2		3.62					123

### SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag ug/L 1	B ug/L 1	Ge ug/L 0.1	Hf ug/L 0.6	Hg ug/L 2	Ho ug/L 0.02	Pr ug/L 0.02	Tm ug/L 0.03	Zr ug/L 0.5
		Actual Spike Values:	10		10	10	10	10	10	10	10
		Spike #4	9.85		10.3	9.85	11	9.98	10.4	9.97	9.43
		Spike #7	9		9.58	9.9	10.3	9.63	9.68	9.71	9.71
		Spike #10	10		10.6	9.61	9.94	9.22	9.03	9.59	8.91
		Spike #13	9.03		9.21	9.78	10.4	9.65	9.65	9.59	9.79
		Actual Spike Values:		100							
		Spike #5		91.3							
		Spike #8		107							
		Spike #11		89.8							
		Spike #14		111							

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-019**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

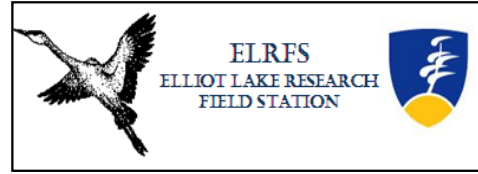
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**Batch: 14-1200 (52) & 14-1201 (51)**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Oct. 22, 2014 - Jan 13, 2015 / Troy Maki  
Submission Date: 2015 01 29

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40485	A14-1200-001	GMI14-1343	4.17	3.46	143	2.79	<DL	0.62	4.27	0.238	65.8
40486	A14-1200-002	GMI14-1344	2.13	2.16	132	2.75	<DL	0.526	4.37	0.185	84.1
40487	A14-1200-003	GMI14-1345	2.02	<DL	131	3.11	<DL	0.544	4.58	0.19	106
40488	A14-1200-004	GMI14-1346	<DL	2.02	166	2.48	<DL	0.502	2.86	0.188	82.2
40489	A14-1200-005	GMI14-1347	<DL	2.14	180	2.62	<DL	0.535	3.91	0.207	93.4
40490	A14-1200-006	GMI14-1348	<DL	<DL	141	2.7	<DL	0.523	4.6	0.181	87.6
40491	A14-1200-007	GMI14-1349	2.4	<DL	106	3.34	<DL	0.579	6.92	0.188	119
40492	A14-1200-008	GMI14-1350	2.28	<DL	128	3.36	<DL	0.444	5.24	0.177	118
40493	A14-1200-009	GMI14-1351	<DL	<DL	151	2.59	<DL	0.46	4.37	0.17	83.9
40494	A14-1200-010	GMI14-1352	<DL	<DL	148	2.39	<DL	0.484	4.39	0.175	65.5
40495	A14-1200-011	GMI14-1353	2.02	<DL	102	3.03	<DL	0.504	5.37	0.174	91.4
40496	A14-1200-012	GMI14-1354	<DL	<DL	122	2.88	<DL	0.436	3.97	0.167	92.7
40497	A14-1200-013	GMI14-1355	<DL	<DL	122	2.86	<DL	0.43	4.46	0.148	97.8
40498	A14-1200-014	GMI14-1356	<DL	<DL	117	3.02	<DL	0.484	5.26	0.181	100
40499	A14-1200-015	GMI14-1357	2.13	<DL	116	3.48	<DL	0.509	6.48	0.188	128
40500	A14-1200-016	GMI14-1358	<DL	13.6	247	2.69	<DL	0.855	2.8	0.341	87.7
40501	A14-1200-017	GMI14-1359	2.47	<DL	87.9	3.84	<DL	0.479	7.3	0.166	154
40502	A14-1200-018	GMI14-1360	<DL	<DL	131	3.29	<DL	0.456	5.08	0.157	110
40503	A14-1200-019	GMI14-1361	<DL	<DL	158	2.73	<DL	0.338	4.02	0.115	89.5
40504	A14-1200-020	GMI14-1362	<DL	<DL	172	2.06	<DL	0.347	2.49	0.099	65.5
40505	A14-1200-021	GMI14-1363	<DL	<DL	155	2.66	<DL	0.389	3.75	0.114	95.9
40506	A14-1200-022	GMI14-1364	2.12	<DL	148	3.04	<DL	0.456	5.25	0.146	108
40507	A14-1200-023	GMI14-1365	3.04	<DL	125	4.76	<DL	0.638	8.74	0.205	202
40508	A14-1200-024	GMI14-1366	<DL	<DL	149	2.99	<DL	0.568	6.84	0.164	92.1
40509	A14-1200-025	GMI14-1367	<DL	<DL	102	3.42	<DL	0.449	5.17	0.165	121
40510	A14-1200-026	GMI14-1368	<DL	<DL	196	1.73	<DL	0.403	1.97	0.132	38.2
40511	A14-1200-027	GMI14-1369	<DL	<DL	157	2.7	<DL	0.487	4.27	0.159	91
40512	A14-1200-028	GMI14-1370	<DL	<DL	178	1.65	<DL	0.448	2.34	0.145	44.7
40513	A14-1200-029	GMI14-1371	<DL	<DL	190	2.06	<DL	0.489	2.4	0.183	57
40514	A14-1200-030	GMI14-1372	<DL	<DL	180	2.33	<DL	0.406	2.31	0.143	80.4
40515	A14-1200-031	GMI14-1373	<DL	<DL	175	2.77	<DL	0.547	3.31	0.198	84.7
40516	A14-1200-032	GMI14-1374	<DL	<DL	168	2.43	<DL	0.461	2.85	0.162	67.1
40517	A14-1200-033	GMI14-1375	2.12	<DL	174	3.61	<DL	0.677	4.95	0.241	115
40518	A14-1200-034	GMI14-1376	<DL	<DL	135	2.68	<DL	0.408	4.39	0.135	83.2



40519	A14-1200-035	GMI14-1377	<DL	<DL	168	2.83	<DL	0.472	5.88	0.139	97.8
40520	A14-1200-036	GMI14-1378	<DL	<DL	179	2.49	<DL	0.547	4.67	0.16	84.1
40521	A14-1200-037	GMI14-1379	<DL	<DL	188	2.06	<DL	0.476	3.02	0.167	59.9
40522	A14-1200-038	GMI14-1380	<DL	<DL	228	1.76	<DL	0.454	1.81	0.17	50.1
40523	A14-1200-039	GMI14-1381	2.26	<DL	169	2.89	<DL	0.491	4.39	0.168	86.2
40524	A14-1200-040	GMI14-1382	<DL	<DL	201	2.24	<DL	0.504	3.21	0.169	64.7
40525	A14-1200-041	GMI14-1383	<DL	14.6	311	2.7	<DL	0.873	2.74	0.333	77.2
40526	A14-1200-042	GMI14-1384	2.74	<DL	157	2.77	<DL	0.483	4.51	0.154	82.5
40527	A14-1200-043	GMI14-1385	2.6	<DL	164	3.09	<DL	0.444	4.45	0.166	92.5
40528	A14-1200-044	GMI14-1386	2.76	<DL	186	3.02	<DL	0.543	4.64	0.211	98.2
40529	A14-1200-045	GMI14-1387	<DL	<DL	195	2.52	<DL	0.473	3.51	0.213	74.3
40530	A14-1200-046	GMI14-1388	<DL	<DL	199	2.52	<DL	0.461	3.01	0.143	72.1
40531	A14-1200-047	GMI14-1389	<DL	<DL	204	2.82	<DL	0.478	3.46	0.184	86.9
40532	A14-1200-048	GMI14-1390	2.45	<DL	170	2.93	<DL	0.558	4.56	0.186	91
40533	A14-1200-049	GMI14-1391	<DL	<DL	232	2.82	<DL	0.554	3.73	0.193	82.4
40534	A14-1200-050	GMI14-1392	2.09	<DL	198	2.56	<DL	0.47	4.09	0.172	80.8
40535	A14-1200-051	GMI14-1393	<DL	<DL	210	2.43	<DL	0.526	4.29	0.162	72.3
40536	A14-1200-052	GMI14-1394	2.65	<DL	193	2.98	<DL	0.532	5.06	0.174	90
40537	A14-1201-001	GMI14-1395	6.05	3.33	127	9.5	<DL	0.857	14.5	0.301	449
40538	A14-1201-002	GMI14-1396	3.16	2.46	191	6.52	<DL	1.01	15.7	0.251	304
40539	A14-1201-003	GMI14-1397	2.88	<DL	179	6.03	<DL	0.907	14.1	0.236	259
40540	A14-1201-004	GMI14-1398	4.56	<DL	48.4	6.11	<DL	0.743	13.2	0.233	271
40541	A14-1201-005	GMI14-1399	5.05	<DL	30.1	7.78	<DL	0.721	14.4	0.265	345
40542	A14-1201-006	GMI14-1400	4.93	<DL	30.5	7.78	<DL	0.766	14.8	0.245	353
40543	A14-1201-007	GMI14-1401	4.44	<DL	31.5	7.57	<DL	0.734	14.4	0.234	333
40544	A14-1201-008	GMI14-1402	3.34	<DL	133	6.4	<DL	0.673	9.81	0.245	323
40545	A14-1201-009	GMI14-1403	4.34	2.01	130	8.05	<DL	0.669	10	0.239	428
40546	A14-1201-010	GMI14-1404	4.66	<DL	89.9	8.71	<DL	0.63	9.39	0.232	466
40547	A14-1201-011	GMI14-1405	4.96	<DL	101	9.01	<DL	0.694	10.1	0.273	471
40548	A14-1201-012	GMI14-1406	4.29	<DL	194	6.42	<DL	0.739	8.09	0.296	301
40549	A14-1201-013	GMI14-1407	4.51	<DL	198	6.97	<DL	0.836	13.3	0.311	306
40550	A14-1201-014	GMI14-1408	<DL	18.4	415	3.06	<DL	1.07	3.2	0.44	96.4
40551	A14-1201-015	GMI14-1409	3.43	2.14	247	4.67	<DL	0.787	8.92	0.28	158
40552	A14-1201-016	GMI14-1410	4.17	2.34	224	5.48	<DL	0.738	9.51	0.288	208
40553	A14-1201-017	GMI14-1411	4.56	3.38	222	7.1	<DL	0.718	7.57	0.287	334
40554	A14-1201-018	GMI14-1412	3.98	2.14	208	6.28	<DL	0.67	7.11	0.279	287
40555	A14-1201-019	GMI14-1413	5.78	3.93	236	6.97	<DL	0.789	10.7	0.313	323
40556	A14-1201-020	GMI14-1414	4.64	3	231	6.4	<DL	0.73	9.01	0.267	293
40557	A14-1201-021	GMI14-1415	3.53	<DL	209	5.72	<DL	0.853	14.2	0.215	248
40558	A14-1201-022	GMI14-1416	5.23	2.12	156	8.79	<DL	0.793	13.1	0.25	425
40559	A14-1201-023	GMI14-1417	8.39	2.53	56.1	15	<DL	0.992	17.9	0.385	839
40560	A14-1201-024	GMI14-1418	7.63	3.25	158	11	<DL	0.91	14.6	0.344	579
40561	A14-1201-025	GMI14-1419	7.37	2.41	86.8	11.6	<DL	0.82	17.1	0.301	670
40562	A14-1201-026	GMI14-1420	7.92	3.54	99.8	10.7	<DL	0.813	15.2	0.303	575
40563	A14-1201-027	GMI14-1421	5.65	3.04	100	8.79	<DL	0.624	13.9	0.28	453
40564	A14-1201-028	GMI14-1422	5	3.07	154	8.81	<DL	0.685	10.9	0.272	430
40565	A14-1201-029	GMI14-1423	4.36	3.63	251	6.2	<DL	0.576	7.4	0.232	269
40566	A14-1201-030	GMI14-1424	3.79	3.4	255	3.87	<DL	0.578	5.9	0.205	151
40567	A14-1201-031	GMI14-1425	4.37	3.6	163	5.62	<DL	0.894	14.1	0.242	235
40568	A14-1201-032	GMI14-1426	4.09	3.17	154	5.96	<DL	0.789	13.5	0.237	241
40569	A14-1201-033	GMI14-1427	4.58	3.37	205	7.82	<DL	0.699	7.81	0.253	381
40570	A14-1201-034	GMI14-1428	4.47	4.31	213	8.26	<DL	0.661	6.29	0.263	396
40571	A14-1201-035	GMI14-1429	2.58	4.05	273	3.07	<DL	0.63	3.52	0.217	104
40572	A14-1201-036	GMI14-1430	2.67	3.97	274	3.23	<DL	0.569	3.54	0.239	111
40573	A14-1201-037	GMI14-1431	6.34	2.7	148	8.12	<DL	0.912	13.2	0.297	359
40574	A14-1201-038	GMI14-1432	6.68	<DL	71.4	8.77	<DL	0.815	14.6	0.274	392
40575	A14-1201-039	GMI14-1433	2.07	20.1	482	3.1	<DL	1.03	3.18	0.396	99.8
40576	A14-1201-040	GMI14-1434	6.87	2.12	86.7	8.91	<DL	0.824	14.6	0.289	410
40577	A14-1201-041	GMI14-1435	6.49	<DL	68.5	8.49	<DL	0.877	14.7	0.307	392

40578	A14-1201-042	GMI14-1436	6.5	<DL	61.8	8.12	<DL	0.908	14.2	0.328	386
40579	A14-1201-043	GMI14-1437	5.22	<DL	59.8	6.05	<DL	0.727	12.3	0.232	281
40580	A14-1201-044	GMI14-1438	4.12	<DL	151	3.89	<DL	0.623	9.23	0.173	160
40581	A14-1201-045	GMI14-1439	2.56	2.4	336	3.33	<DL	0.57	4.43	0.203	123
40582	A14-1201-046	GMI14-1440	2.39	2.37	323	2.82	<DL	0.606	4.46	0.236	80.4
40583	A14-1201-047	GMI14-1441	3.47	<DL	328	3.49	<DL	0.736	6.81	0.239	124
40584	A14-1201-048	GMI14-1442	2.98	3.17	288	3.55	<DL	0.573	4.47	0.212	145
40585	A14-1201-049	GMI14-1443	2.44	2.07	312	2.73	<DL	0.532	5.23	0.197	77.3
40586	A14-1201-050	GMI14-1444	<DL	2.58	349	2.15	<DL	0.594	5.35	0.214	52.9
40587	A14-1201-051	GMI14-1445	<DL	2.02	322	2.43	<DL	0.554	4.7	0.202	74.5

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40509	A14-1200-025	GMI14-1367	<DL	<DL	102	3.42	<DL	0.449	5.17	0.165	121
40509	A14-1200-025	GMI14-1367 DUP	<DL	<DL	100	3.38	<DL	0.451	4.93	0.135	116
40536	A14-1200-052	GMI14-1394	2.65	<DL	193	2.98	<DL	0.532	5.06	0.174	90
40536	A14-1200-052	GMI14-1394 DUP	2.94	<DL	204	3.07	<DL	0.566	5.43	0.23	92.6
40561	A14-1201-025	GMI14-1419	7.37	2.41	86.8	11.6	<DL	0.82	17.1	0.301	670
40561	A14-1201-025	GMI14-1419 DUP	7.53	2.11	82	12.6	<DL	0.855	18.1	0.339	711
40587	A14-1201-051	GMI14-1445	<DL	2.02	322	2.43	<DL	0.554	4.7	0.202	74.5
40587	A14-1201-051	GMI14-1445 DUP	2.11	2.05	330	2.59	<DL	0.559	4.9	0.186	81.1

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		<b>Certified Values:</b>	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	<DL				<DL	0.253			
		CRM SU-1b #2	<DL				<DL	0.251			
		CRM SU-1b #3	<DL				<DL	0.356			
		CRM SU-1b #4	2.09				<DL	0.326			
		<b>Certified Values:</b>				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.27					80.2
		CRM RTS-3a #2				2.09					67.8
		CRM RTS-3a #3				2.31					79.6
		CRM RTS-3a #4				2.43					81.7
		<b>Certified Values:</b>		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		7.61	120	4.38		4.5	15.2	2.26	101
		CRM SY-4 #2		5.12	157	5.09		4.55	15.3	2.27	97.9
		CRM SY-4 #3		13.4	207	5.89		4.96	15.5	2.46	112
		CRM SY-4 #4		10.3	253	5.79		5.28	17.1	2.52	129
		<b>Certified Values:</b>	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.84	10.1		3.61					116
		CRM LKSD-3 #2	2.91	7.25		3.61					104
		CRM LKSD-3 #3	3.79	14.9		4.25					125
		CRM LKSD-3 #4	3.63	12.6		3.81					128

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		<b>Actual Spike Values:</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	10.6	11.3	14.1	9.55	11.6	9.56	9.19	9.91	9.23
		Spike #4	10.1	6.12	10.3	8.9	11.6	9.42	9.97	9.6	9.05
		Spike #7	10.1	10.2	11.1	10.1	11.3	10.1	9.85	10.2	9.75
		Spike #10	9.92	7.71	10.4	9.79	10.1	10.2	10.4	10.1	9.91

# Informational Values - Elliot Lake Research Field Station

**JOB CODE:** GMIIV14-020

**Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis**

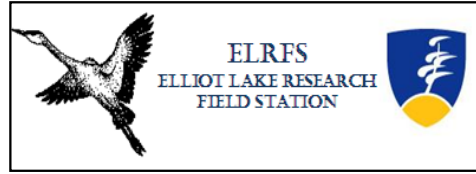
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**Batch: 14-1202 (50) & 14-1211 (51)**

**ELRFS Contact Information:**

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 10 21  
Received by: Troy Maki  
# of samples: 50 + 51  
Dates Analysed/ Analyst: Oct. 22, 2014 - Jan 15, 2015 / Troy Maki  
Submission Date: 2015 01 29

**Dr. Graeme Spiers - ELRFS Director**

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40588	A14-1202-001	GMI14-1446	1.07	7.7	46.1	4.72	<DL	1.2	6.77	0.499	160
40589	A14-1202-002	GMI14-1447	<DL	12.8	61.6	5.79	<DL	1.8	6.8	0.77	216
40590	A14-1202-003	GMI14-1448	<DL	12.3	60.7	5.47	<DL	1.73	6.62	0.744	204
40591	A14-1202-004	GMI14-1449	<DL	9	44.3	5.25	<DL	1.29	8.18	0.547	188
40592	A14-1202-005	GMI14-1450	<DL	6.52	38.5	1.54	<DL	0.428	2.03	0.176	46.5
40593	A14-1202-006	GMI14-1451	<DL	6.15	33	2.29	<DL	0.531	4.27	0.214	83.2
40594	A14-1202-007	GMI14-1452	<DL	5.79	38.7	1.38	<DL	0.454	2.55	0.184	44.1
40595	A14-1202-008	GMI14-1453	<DL	6.75	41.7	1.47	<DL	0.481	2.25	0.196	47.9
40596	A14-1202-009	GMI14-1454	<DL	5.39	31.2	4.17	<DL	0.408	3.48	0.176	162
40597	A14-1202-010	GMI14-1455	<DL	3.85	14.4	7.72	<DL	0.476	7.96	0.203	317
40598	A14-1202-011	GMI14-1456	<DL	4.2	16.3	6.9	<DL	0.57	11.9	0.249	291
40599	A14-1202-012	GMI14-1457	<DL	4.22	16.7	7.02	<DL	0.593	12.3	0.241	296
40600	A14-1202-013	GMI14-1458	<DL	26	54.6	2.7	<DL	0.946	3.12	0.384	101
40601	A14-1202-014	GMI14-1459	<DL	4.41	21.4	5.11	<DL	0.618	9.88	0.231	201
40602	A14-1202-015	GMI14-1460	<DL	4.07	22.5	5.04	<DL	0.643	9.71	0.245	191
40603	A14-1202-016	GMI14-1461	<DL	3.43	14.6	6.82	<DL	0.477	8.01	0.186	276
40604	A14-1202-017	GMI14-1462	<DL	4.98	20.6	8.43	<DL	0.475	6.15	0.216	371
40279	A14-1202-018	GMI14-1463	<DL	4.73	29.2	3.99	<DL	0.755	9.38	0.291	153
40280	A14-1202-019	GMI14-1464	<DL	5.91	31.2	3.92	<DL	0.839	9.11	0.319	151
40281	A14-1202-020	GMI14-1465	<DL	5.08	30.7	2.64	<DL	0.569	5.91	0.219	101
40282	A14-1202-021	GMI14-1466	<DL	5.18	37.8	1.13	<DL	0.425	1.68	0.179	34.9
40283	A14-1202-022	GMI14-1467	<DL	5.85	37.6	2.32	<DL	0.452	3.06	0.181	93.7
40284	A14-1202-023	GMI14-1468	<DL	7.14	36	2.56	<DL	0.465	4.33	0.184	105
40285	A14-1202-024	GMI14-1469	<DL	6.66	41	1.93	<DL	0.57	3.24	0.24	67.2
40286	A14-1202-025	GMI14-1470	<DL	5.13	31.4	3.74	<DL	0.6	6.92	0.246	140
40287	A14-1202-026	GMI14-1471	<DL	2.18	12.1	5.13	<DL	0.316	4.11	0.126	178
40288	A14-1202-027	GMI14-1472	<DL	6.77	30.2	3.58	<DL	0.44	3.08	0.186	132
40289	A14-1202-028	GMI14-1473	<DL	7.99	33.9	2.45	<DL	0.493	3.43	0.202	84.6
40290	A14-1202-029	GMI14-1474	<DL	10.5	36	1.32	<DL	0.428	1.72	0.176	42.3
40291	A14-1202-030	GMI14-1475	<DL	7.53	34.2	4.43	<DL	0.705	8.18	0.293	188
40292	A14-1202-031	GMI14-1476	<DL	7.35	37.1	3.01	<DL	0.471	4.72	0.198	120
40293	A14-1202-032	GMI14-1477	<DL	6.3	36.8	4.29	<DL	0.668	7.71	0.268	177
40294	A14-1202-033	GMI14-1478	<DL	7.08	38.9	2.19	<DL	0.571	3.69	0.249	78.9
40295	A14-1202-034	GMI14-1479	<DL	5.93	33.2	3.83	<DL	0.638	6.56	0.255	135

40296	A14-1202-035	GMI14-1480	<DL	6.89	39.6	2.45	<DL	0.7	5.27	0.27	88.1
40297	A14-1202-036	GMI14-1481	<DL	8.89	47.6	1.78	<DL	0.78	3.09	0.329	46.1
40298	A14-1202-037	GMI14-1482	<DL	9.63	52.1	1.45	<DL	0.885	1.84	0.375	33.9
40299	A14-1202-038	GMI14-1483	<DL	6.73	38.6	2.66	<DL	0.703	5.02	0.287	99.6
40300	A14-1202-039	GMI14-1484	<DL	17	44.9	1.91	<DL	0.678	2.22	0.276	72
40301	A14-1202-040	GMI14-1485	<DL	8.02	45.9	2.71	<DL	0.687	4.08	0.283	99.6
40302	A14-1202-041	GMI14-1486	<DL	6.97	40.7	2.6	<DL	0.661	4.15	0.274	95.3
40303	A14-1202-042	GMI14-1487	<DL	7.6	41.5	2.45	<DL	0.723	4.18	0.295	86.3
40304	A14-1202-043	GMI14-1488	<DL	6.32	28.4	2.8	<DL	0.472	4.1	0.204	101
40305	A14-1202-044	GMI14-1489	<DL	6.25	37.7	2.54	<DL	0.675	4.66	0.274	87.7
40306	A14-1202-045	GMI14-1490	<DL	9.46	41.2	1.29	<DL	0.489	1.98	0.198	37.7
40307	A14-1202-046	GMI14-1491	<DL	8.41	41.5	1.33	<DL	0.451	1.39	0.195	37.5
40308	A14-1202-047	GMI14-1492	<DL	9	41.2	1.59	<DL	0.503	1.79	0.216	54.6
40309	A14-1202-048	GMI14-1493	<DL	6.87	28	2.22	<DL	0.309	2.33	0.123	77.4
40310	A14-1202-049	GMI14-1494	<DL	7.03	32.3	1.77	<DL	0.341	1.86	0.14	57.1
40311	A14-1202-050	GMI14-1495	<DL	7.4	38.4	1.83	<DL	0.431	2.06	0.187	57.5
40397	A14-1211-001	GMI14-1496	<DL	16.9	41.9	2.69	<DL	0.753	2.81	0.301	87.6
40398	A14-1211-002	GMI14-1497	<DL	16.4	44.4	2.54	<DL	0.807	2.69	0.33	89.3
40399	A14-1211-003	GMI14-1498	<DL	19.6	47	2.66	<DL	0.851	2.87	0.369	96.3
40400	A14-1211-004	GMI14-1499	<DL	22.3	44.9	3.22	<DL	1.01	2.89	0.406	114
40401	A14-1211-005	GMI14-1500	<DL	23.9	41.2	1.94	<DL	0.652	2.1	0.271	68.5
40402	A14-1211-006	GMI14-1501	<DL	20.9	42.6	1.77	<DL	0.605	1.91	0.251	62.3
40403	A14-1211-007	GMI14-1502	<DL	13.5	40.7	2.07	<DL	0.691	2.28	0.27	74.9
40404	A14-1211-008	GMI14-1503	<DL	21.9	42.6	2.1	<DL	0.715	2.38	0.28	74.6
40405	A14-1211-009	GMI14-1504	<DL	19	42	2.03	<DL	0.68	2.25	0.282	74.9
40406	A14-1211-010	GMI14-1505	<DL	21.7	43.6	2.23	<DL	0.752	2.48	0.32	80.4
40407	A14-1211-011	GMI14-1506	<DL	15.4	46	2.52	<DL	0.836	2.8	0.334	88.5
40408	A14-1211-012	GMI14-1507	<DL	12.2	45.9	2.34	<DL	0.813	2.61	0.322	83.3
40409	A14-1211-013	GMI14-1508	<DL	13.8	43.8	2.36	<DL	0.783	2.47	0.32	85.7
40410	A14-1211-014	GMI14-1509	<DL	19.4	45.4	2.37	<DL	0.768	2.46	0.332	87.2
40411	A14-1211-015	GMI14-1510	<DL	20	45.1	2.37	<DL	0.799	2.45	0.333	86.5
40412	A14-1211-016	GMI14-1511	<DL	22.2	46.5	2.43	<DL	0.81	2.47	0.323	87.1
40413	A14-1211-017	GMI14-1512	<DL	17.6	45.3	2.33	<DL	0.797	2.44	0.321	85.3
40414	A14-1211-018	GMI14-1513	<DL	24.1	45.8	2.11	<DL	0.714	2.21	0.297	79.6
40415	A14-1211-019	GMI14-1514	<DL	19.3	42.5	2.06	<DL	0.671	2.04	0.268	72.9
40416	A14-1211-020	GMI14-1515	<DL	20.8	44.4	2.04	<DL	0.696	2.1	0.269	73.2
40417	A14-1211-021	GMI14-1516	<DL	21	41.9	1.85	<DL	0.614	1.93	0.255	65.7
40418	A14-1211-022	GMI14-1517	<DL	18.8	44.7	2.02	<DL	0.678	2.07	0.273	74.1
40419	A14-1211-023	GMI14-1518	<DL	18.1	43.8	2.06	<DL	0.705	2.13	0.287	74.4
40420	A14-1211-024	GMI14-1519	<DL	18	44	2.22	<DL	0.753	2.33	0.31	82.7
40421	A14-1211-025	GMI14-1520	<DL	22.1	43.3	1.99	<DL	0.659	2.08	0.276	71.8
40422	A14-1211-026	GMI14-1521	<DL	26.1	39.9	1.98	<DL	0.646	1.79	0.268	66.2
40423	A14-1211-027	GMI14-1522	<DL	23.1	40.8	2.03	<DL	0.683	2	0.27	71.7
40424	A14-1211-028	GMI14-1523	<DL	17.4	42.4	2.32	<DL	0.761	2.33	0.309	83.4
40425	A14-1211-029	GMI14-1524	<DL	23.6	47.9	3.37	<DL	1.07	3.06	0.458	125
40426	A14-1211-030	GMI14-1525	<DL	13.6	49.6	2.33	<DL	0.779	2.26	0.304	83.6
40427	A14-1211-031	GMI14-1526	<DL	11.7	47	2.8	<DL	0.913	2.86	0.366	98.7
40428	A14-1211-032	GMI14-1527	<DL	11.6	47.7	2.73	<DL	0.975	3.02	0.418	103
40429	A14-1211-033	GMI14-1528	<DL	15	52.4	3.23	<DL	1.11	3.34	0.463	121
40430	A14-1211-034	GMI14-1529	<DL	13	54.6	3.69	<DL	1.28	3.81	0.533	141
40431	A14-1211-035	GMI14-1530	<DL	13.9	55.4	3.67	<DL	1.25	3.73	0.529	137
40432	A14-1211-036	GMI14-1531	<DL	13.2	54.3	3.41	<DL	1.16	3.45	0.481	125
40433	A14-1211-037	GMI14-1532	<DL	15.6	55.6	2.9	<DL	0.979	3.01	0.41	109
40434	A14-1211-038	GMI14-1533	<DL	14.9	53.9	2.91	<DL	0.983	3	0.426	108
40435	A14-1211-039	GMI14-1534	<DL	16.7	51.1	3.14	<DL	1	3.27	0.429	117
40436	A14-1211-040	GMI14-1535	<DL	16.7	51	3.29	<DL	1.01	3.3	0.435	124
40437	A14-1211-041	GMI14-1536	<DL	16.8	51.7	3.28	<DL	1.04	3.3	0.426	125
40438	A14-1211-042	GMI14-1537	<DL	18.8	54	2.98	<DL	0.961	3.02	0.402	111
40439	A14-1211-043	GMI14-1538	<DL	18.6	58.4	3.48	<DL	1.15	3.62	0.494	132

40440	A14-1211-044	GMI14-1539	<DL	16.9	56	3.43	<DL	1.17	3.61	0.485	131
40441	A14-1211-045	GMI14-1540	<DL	19.3	51.5	3.21	<DL	1.1	3.41	0.48	122
40442	A14-1211-046	GMI14-1541	<DL	20.1	53.6	3.08	<DL	1.07	3.26	0.445	115
40443	A14-1211-047	GMI14-1542	<DL	18.4	49.4	2.7	<DL	0.938	2.84	0.391	101
40444	A14-1211-048	GMI14-1543	<DL	21.4	51.5	2.61	<DL	0.914	2.76	0.397	98.8
40445	A14-1211-049	GMI14-1544	<DL	22.7	51.7	2.5	<DL	0.898	2.73	0.37	95
40446	A14-1211-050	GMI14-1545	<DL	21.6	47.2	1.7	<DL	0.647	1.95	0.262	59.2
40447	A14-1211-051	GMI14-1546	<DL	25.1	53.1	2.68	<DL	0.9	2.79	0.391	96.1

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40286	A14-1202-025	GMI14-1470	<DL	5.13	31.4	3.74	<DL	0.6	6.92	0.246	140
40286	A14-1202-025	GMI14-1470 DUP	<DL	4.95	30.5	3.82	<DL	0.601	7.02	0.246	138
40311	A14-1202-050	GMI14-1495	<DL	7.4	38.4	1.83	<DL	0.431	2.06	0.187	57.5
40311	A14-1202-050	GMI14-1495 DUP	<DL	7.73	38.2	1.93	<DL	0.434	2.06	0.184	62
40421	A14-1211-025	GMI14-1520	<DL	22.1	43.3	1.99	<DL	0.659	2.08	0.276	71.8
40421	A14-1211-025	GMI14-1520 DUP	<DL	21.9	44.6	2.03	<DL	0.682	2.09	0.272	73.2
40447	A14-1211-051	GMI14-1546	<DL	25.1	53.1	2.68	<DL	0.9	2.79	0.391	96.1
40447	A14-1211-051	GMI14-1546 DUP	<DL	22.9	52.6	2.59	<DL	0.888	2.77	0.361	95.6

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	2.75				<DL	0.266			
		CRM SU-1b #2	2.78				<DL	0.269			
		CRM SU-1b #3	2.65				<DL	0.247			
		CRM SU-1b #4	2.22				<DL	0.257			
		Certified Values:				2					78
		CRM RTS-3a #1				2.26					81.5
		CRM RTS-3a #2				2.43					89.2
		CRM RTS-3a #3				2.28					82.4
		CRM RTS-3a #4				2.16					80.9
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1		17.8	27	2.63		5.03	16.9	2.57	125
		CRM SY-4 #2		18.3	25.9	2.93		4.78	15.6	2.45	145
		CRM SY-4 #3		16.6	21.7	2.07		4.18	13.2	2.2	107
		CRM SY-4 #4		18.6	22.2	2.44		4.38	13.5	2.31	117
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	1.41	21.5		3.85					136
		CRM LKSD-3 #2	1.51	20.6		4.06					141
		CRM LKSD-3 #3	1.56	19.3		3.55					125
		CRM LKSD-3 #4	2.12	24.9		3.46					124

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	9.94	10.6	9.82	10.2	11.2	10.3	10.5	10.2	10.3
		Spike #4	10.1	9.72	11	10.1	10.4	10.6	11.2	10.5	10.4
		Spike #7	9.62	11.4	9.31	10.2	10.9	10.1	9.93	10.1	9.91
		Spike #10	9.66	10.6	10.6	9.32	10	9.61	9.36	9.58	9.68

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-021**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

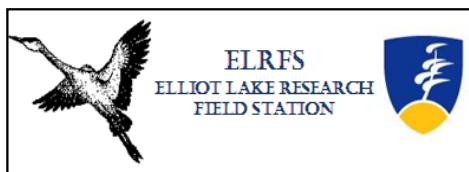
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**Batch: 14-1210 (50) & 14-1212 (33) & 14-1311 (3)**

## ELRFS Contact Information:

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 50 + 33 + 3  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 16, 2015 / Troy Maki  
Submission Date: 2015 01 29

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40345	A14-1210-001	GMI14-1547	<DL	4.77	35.2	1.16	<DL	0.438	0.957	0.177	22.6
40346	A14-1210-002	GMI14-1548	<DL	5.24	35.9	0.886	<DL	0.452	0.874	0.203	20.9
40347	A14-1210-003	GMI14-1549	<DL	4.94	36.4	0.959	<DL	0.422	1.31	0.176	27.1
40348	A14-1210-004	GMI14-1550	1.05	5.75	33.1	2.27	<DL	0.44	2.56	0.176	76.3
40349	A14-1210-005	GMI14-1551	<DL	8.24	35	2.26	<DL	0.441	2.36	0.196	78.1
40350	A14-1210-006	GMI14-1552	1.63	19.1	51.1	3.26	<DL	1.11	3.39	0.452	121
40351	A14-1210-007	GMI14-1553	<DL	6.88	33.5	1.67	<DL	0.407	2.16	0.173	56.9
40352	A14-1210-008	GMI14-1554	<DL	6.61	41	0.949	<DL	0.43	0.847	0.17	23.6
40353	A14-1210-009	GMI14-1555	<DL	7.94	37.2	1.14	<DL	0.445	1.2	0.197	32.7
40354	A14-1210-010	GMI14-1556	<DL	10.5	38.1	1.22	<DL	0.443	1.14	0.187	35.9
40355	A14-1210-011	GMI14-1557	<DL	12	41.3	0.99	<DL	0.469	0.996	0.209	27.2
40356	A14-1210-012	GMI14-1558	<DL	9.14	39.5	1.02	<DL	0.454	1.15	0.187	29.4
40357	A14-1210-013	GMI14-1559	<DL	7.4	31.7	1.34	<DL	0.407	1.94	0.162	36.3
40358	A14-1210-014	GMI14-1560	<DL	6.05	34.6	1.82	<DL	0.405	2.32	0.172	57.2
40359	A14-1210-015	GMI14-1561	<DL	5.91	34.6	2.27	<DL	0.499	2.58	0.209	72.1
40360	A14-1210-016	GMI14-1562	1.76	4.32	24	3.84	<DL	0.41	4.09	0.16	141
40361	A14-1210-017	GMI14-1563	1.41	6.63	32.2	3.1	<DL	0.415	1.89	0.183	109
40362	A14-1210-018	GMI14-1564	<DL	6.92	38.2	1.03	<DL	0.429	1.04	0.184	28.6
40363	A14-1210-019	GMI14-1565	<DL	6.73	38	1.2	<DL	0.447	1.56	0.177	38.3
40364	A14-1210-020	GMI14-1566	<DL	6.99	35.8	1.92	<DL	0.441	1.61	0.188	69.3
40365	A14-1210-021	GMI14-1567	<DL	6.33	32.5	1.53	<DL	0.422	3.37	0.169	51.9
40366	A14-1210-022	GMI14-1568	<DL	8.11	42.7	0.811	<DL	0.436	0.781	0.186	20.6
40367	A14-1210-023	GMI14-1569	<DL	8.84	39.6	1.06	<DL	0.49	1.16	0.206	27.8
40368	A14-1210-024	GMI14-1570	<DL	7.41	33.4	2.06	<DL	0.458	4.34	0.186	73.8
40369	A14-1210-025	GMI14-1571	<DL	6.18	40.4	1.16	<DL	0.411	1.28	0.172	31.9
40370	A14-1210-026	GMI14-1572	1.16	4.65	32.7	2.5	<DL	0.376	3.24	0.157	82.2
40371	A14-1210-027	GMI14-1573	1.35	5.79	33.1	2.08	<DL	0.383	3.2	0.167	71.4
40372	A14-1210-028	GMI14-1574	<DL	5.8	35.8	1.41	<DL	0.408	2.58	0.163	46
40373	A14-1210-029	GMI14-1575	<DL	5.16	36.2	1.94	<DL	0.375	2.67	0.155	61.1
40374	A14-1210-030	GMI14-1576	<DL	4.81	34.6	1.85	<DL	0.359	2.48	0.143	60.4
40375	A14-1210-031	GMI14-1577	1.7	16.5	52.1	3.36	<DL	1.07	3.27	0.429	121
40376	A14-1210-032	GMI14-1578	1.08	5.27	32.5	2.2	<DL	0.421	3.65	0.168	78.7
40377	A14-1210-033	GMI14-1579	1.51	5.39	30.4	2.9	<DL	0.405	4.05	0.167	113
40378	A14-1210-034	GMI14-1580	1.15	4.95	32.6	2.23	<DL	0.376	3.02	0.157	83.9



40381	A14-1210-035	GMI14-1581	1.35	11.5	47.9	2.66	<DL	0.866	3.06	0.34	95.4
40382	A14-1210-036	GMI14-1582	1.51	11.7	52.5	2.93	<DL	0.976	3.42	0.406	106
40383	A14-1210-037	GMI14-1583	1.8	11.8	59.2	3.36	<DL	1.16	4.02	0.491	124
40384	A14-1210-038	GMI14-1584	1.77	11.5	59.9	3.19	<DL	1.11	3.87	0.459	120
40385	A14-1210-039	GMI14-1585	1.8	12.7	59.3	3.27	<DL	1.09	3.75	0.444	117
40386	A14-1210-040	GMI14-1586	1.84	12.2	61.6	3.39	<DL	1.15	3.93	0.45	124
40387	A14-1210-041	GMI14-1587	1.95	6.11	70	3.62	<DL	1.16	4.28	0.464	134
40388	A14-1210-042	GMI14-1588	1.63	6.8	58.6	2.99	<DL	0.984	3.6	0.397	114
40389	A14-1210-043	GMI14-1589	1.52	6.15	57	2.75	<DL	0.874	3.21	0.34	102
40390	A14-1210-044	GMI14-1590	1.25	6.17	50.8	2.34	<DL	0.725	3.2	0.298	83.5
40391	A14-1210-045	GMI14-1591	1.68	9.22	62	2.99	<DL	1	3.35	0.434	111
40392	A14-1210-046	GMI14-1592	1.77	9.59	60.8	3.1	<DL	0.988	3.64	0.386	117
40393	A14-1210-047	GMI14-1593	1.51	7.53	55.5	2.76	<DL	0.923	3.23	0.372	101
40394	A14-1210-048	GMI14-1594	1.5	10.3	57.3	2.75	<DL	0.917	3.26	0.375	99.8
40395	A14-1210-049	GMI14-1595	1.43	10.6	54.8	2.58	<DL	0.882	3.13	0.359	95.5
40396	A14-1210-050	GMI14-1596	1.46	13.7	51.7	2.47	<DL	0.865	2.98	0.337	92.1
40448	A14-1212-001	GMI14-1597	1.36	23.2	44.2	2.59	<DL	0.803	2.38	0.345	82.6
40449	A14-1212-002	GMI14-1598	1.28	22.9	46.2	2.13	<DL	0.749	2.16	0.328	75.3
40450	A14-1212-003	GMI14-1599	1.59	33.1	52.3	2.84	<DL	0.902	2.79	0.392	101
40451	A14-1212-004	GMI14-1600	1.22	24.7	44.4	2.09	<DL	0.703	2.08	0.304	71.1
40452	A14-1212-005	GMI14-1601	1.26	23.6	48.9	2.3	<DL	0.752	2.27	0.325	77.5
40453	A14-1212-006	GMI14-1602	1.43	22.4	47.4	2.49	<DL	0.809	2.57	0.345	86.4
40454	A14-1212-007	GMI14-1603	1.36	22.2	45.8	2.38	<DL	0.789	2.4	0.356	82.3
40455	A14-1212-008	GMI14-1604	1.49	15.9	49.9	2.63	<DL	0.854	2.66	0.365	91.9
40456	A14-1212-009	GMI14-1605	1.41	13	49.7	2.46	<DL	0.802	2.51	0.349	87.2
40457	A14-1212-010	GMI14-1606	1.43	13.2	49	2.47	<DL	0.818	2.43	0.352	86.4
40458	A14-1212-011	GMI14-1607	1.48	17	51.5	2.57	<DL	0.823	2.56	0.342	89.8
40459	A14-1212-012	GMI14-1608	1.33	19.8	47.6	2.3	<DL	0.776	2.3	0.318	80.1
40460	A14-1212-013	GMI14-1609	1.26	26.8	46.2	2.02	<DL	0.695	2.1	0.297	73.5
40461	A14-1212-014	GMI14-1610	1.34	18.2	46	2.19	<DL	0.711	2.23	0.29	79.2
40462	A14-1212-015	GMI14-1611	1.43	14.4	48.9	2.38	<DL	0.726	2.4	0.305	84.7
40463	A14-1212-016	GMI14-1612	1.54	19	49.9	2.6	<DL	0.797	2.58	0.335	90.3
40464	A14-1212-017	GMI14-1613	1.44	21	47.3	2.38	<DL	0.765	2.53	0.333	86.3
40465	A14-1212-018	GMI14-1614	1.44	20.7	47	2.3	<DL	0.74	2.36	0.315	83.2
40466	A14-1212-019	GMI14-1615	1.47	19.4	47.6	2.45	<DL	0.788	2.51	0.33	88.4
40605	A14-1212-020	GMI14-1616	1.83	9.65	47.7	2.92	<DL	0.804	2.78	0.34	106
40606	A14-1212-021	GMI14-1617	1.56	10.1	51.5	2.59	<DL	0.83	2.74	0.345	95.5
40607	A14-1212-022	GMI14-1618	1.5	7.81	55.9	2.77	<DL	0.773	2.53	0.302	93.3
40608	A14-1212-023	GMI14-1619	1.46	6.02	42.1	2.81	<DL	0.711	2.27	0.329	83
40609	A14-1212-024	GMI14-1620	2.12	6.13	44.2	4.15	<DL	0.73	4.24	0.329	130
40610	A14-1212-025	GMI14-1621	1.26	7.39	56.2	2.58	<DL	0.864	3.12	0.379	72.1
40611	A14-1212-026	GMI14-1622	1.14	5.81	54.7	2.43	<DL	0.922	3.14	0.407	63
40612	A14-1212-027	GMI14-1623	<DL	6.67	45.2	1.75	<DL	0.764	2.56	0.346	49.8
40613	A14-1212-028	GMI14-1624	1.01	7.84	45.9	2.51	<DL	0.787	2.19	0.349	57.3
40614	A14-1212-029	GMI14-1625	1.25	7.28	44.8	2.15	<DL	0.735	2.87	0.313	73.5
40615	A14-1212-030	GMI14-1626	1.63	6.8	45.3	2.81	<DL	0.68	3.15	0.301	98.1
40616	A14-1212-031	GMI14-1627	<DL	6.42	47.5	1.88	<DL	0.661	2.5	0.276	53.8
40617	A14-1212-032	GMI14-1628	1.46	8.58	39.5	2.75	<DL	0.58	4.54	0.25	89.2
40618	A14-1212-033	GMI14-1629	<DL	6.93	42.2	1.72	<DL	0.659	3.28	0.284	52.3
40979	A14-1311-001	GMI14-1630	<DL	3.63	11.9	<DL	<DL	0.207	0.493	0.092	9.59
40980	A14-1311-002	GMI14-1631	1.74	6.9	51.8	2.68	<DL	1.64	3.24	0.705	81.9
40981	A14-1311-003	GMI14-1632	<DL	3.88	11.6	<DL	<DL	0.25	0.458	0.114	13.4

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40369	A14-1210-025	GMI14-1571	<DL	6.18	40.4	1.16	<DL	0.411	1.28	0.172	31.9
40369	A14-1210-025	GMI14-1571 DUP	<DL	6.24	40.9	1.21	<DL	0.434	1.32	0.185	33.4
40396	A14-1210-050	GMI14-1596	1.46	13.7	51.7	2.47	<DL	0.865	2.98	0.337	92.1
40396	A14-1210-050	GMI14-1596 DUP	1.39	14.4	52.8	2.57	<DL	0.884	3.01	0.351	92.3
40610	A14-1212-025	GMI14-1621	1.26	7.39	56.2	2.58	<DL	0.864	3.12	0.379	72.1
40610	A14-1212-025	GMI14-1621 DUP	1.34	7.63	56.4	2.46	<DL	0.863	3.09	0.36	74.3
40981	A14-1311-003	GMI14-1632	<DL	3.88	11.6	<DL	<DL	0.25	0.458	0.114	13.4
40981	A14-1311-003	GMI14-1632 DUP	<DL	2.65	11.1	<DL	<DL	0.235	0.453	0.11	14

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	2.49				<DL	0.258			
		CRM SU-1b #2	2.92				<DL	0.271			
		CRM SU-1b #3	3.09				<DL	0.261			
		CRM SU-1b #4	3.18				<DL	0.251			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.25					79.9
		CRM RTS-3a #2				2.13					78.3
		CRM RTS-3a #3				2.25					82.7
		CRM RTS-3a #4				2.21					80.7
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		13.5	27.2	2.49		4.58	15.4	2.36	115
		CRM SY-4 #2		11.4	27.6	2.34		4.46	15.4	2.28	107
		CRM SY-4 #3		17.6	25.9	1.93		4.18	13.2	2.18	87.3
		CRM SY-4 #4		18.4	27	2.15		4.42	14	2.35	94.2
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.54	15		3.77					132
		CRM LKSD-3 #2	2.55	13.7		3.6					123
		CRM LKSD-3 #3	2.8	18		3.76					122
		CRM LKSD-3 #4	2.85	21		3.57					119

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	9.94	8.85	9.98	10.4	10.7	10.4	10.7	10.4	10.2
		Spike #4	9.99	6.38	10.1	9.9	9.65	10.4	10.8	10.2	9.97
		Spike #7	9.98	11.8	10.1	10.4	10.8	10.1	9.97	10.2	10.4
		Spike #10	10.3	10.9	10.9	10.4	10.2	10.1	10.1	10.2	10.2

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-022**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

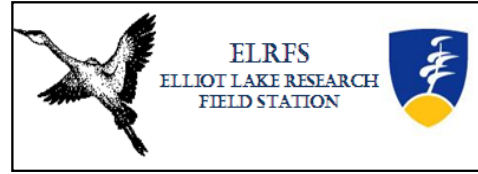
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**Batch: 14-1213 (35) & 14-1226 (24) & 14-1269 (51)**

## ELRFS Contact Information:

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 35 + 24 + 51  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 19, 2015 / Troy Maki  
Submission Date: 2015 01 29

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40619	A14-1213-001	GMI14-1632	1.76	2.29	36	5.81	<DL	0.783	5.72	0.35	182
40620	A14-1213-002	GMI14-1633	1.16	2.79	36.2	2.88	<DL	0.69	2.92	0.292	75.6
40621	A14-1213-003	GMI14-1634	1.57	1.85	23.7	3.71	<DL	0.638	6.7	0.259	115
40801	A14-1213-004	GMI14-1635	<DL	3.66	37.5	1.33	<DL	0.489	1.57	0.203	37.8
40802	A14-1213-005	GMI14-1636	<DL	10.6	39.3	1.68	<DL	0.504	2.43	0.204	56.4
40803	A14-1213-006	GMI14-1637	<DL	10.8	37.1	2.29	<DL	0.471	3	0.188	79.3
40804	A14-1213-007	GMI14-1638	<DL	11.7	37.2	1.67	<DL	0.479	2.89	0.19	57.6
40805	A14-1213-008	GMI14-1639	<DL	11.5	39.5	1.35	<DL	0.464	1.79	0.193	38.6
40806	A14-1213-009	GMI14-1640	<DL	10.7	30.1	1.89	<DL	0.371	2.85	0.134	63.7
40807	A14-1213-010	GMI14-1641	<DL	8.44	13.9	2.75	<DL	0.28	4.06	0.097	95.2
40808	A14-1213-011	GMI14-1642	<DL	7.6	20.8	2.87	<DL	0.351	4.55	0.124	103
40809	A14-1213-012	GMI14-1643	<DL	8.68	28.7	2.35	<DL	0.371	3.51	0.132	86.5
40810	A14-1213-013	GMI14-1644	1.02	8.37	25.2	3.26	<DL	0.44	6.41	0.147	118
40811	A14-1213-014	GMI14-1645	1.03	2.82	28.4	3.13	<DL	0.419	4.78	0.158	115
40812	A14-1213-015	GMI14-1646	<DL	2.38	28.5	2.95	<DL	0.402	4.78	0.163	104
40813	A14-1213-016	GMI14-1647	<DL	2.47	39.3	1.74	<DL	0.392	3.13	0.143	57
40814	A14-1213-017	GMI14-1648	<DL	4.06	40.1	1.77	<DL	0.413	2.89	0.159	59.7
40815	A14-1213-018	GMI14-1649	<DL	4.2	39.5	1.79	<DL	0.427	2.04	0.17	54.2
40816	A14-1213-019	GMI14-1650	1.1	4.37	32.1	3.28	<DL	0.384	4.53	0.146	113
40817	A14-1213-020	GMI14-1651	<DL	5.43	36.6	2.17	<DL	0.436	3.24	0.178	71.9
40818	A14-1213-021	GMI14-1652	<DL	4.52	35.8	2.14	<DL	0.467	3.56	0.171	71.7
40819	A14-1213-022	GMI14-1653	<DL	3.91	37.7	1.43	<DL	0.433	2.3	0.165	43.9
40820	A14-1213-023	GMI14-1654	<DL	4.42	38.7	2.78	<DL	0.599	11.7	0.197	101
40821	A14-1213-024	GMI14-1655	1.04	3.64	33.9	3.74	<DL	0.456	6.75	0.161	139
40822	A14-1213-025	GMI14-1656	1.38	3.36	29.9	4.06	<DL	0.493	7.93	0.182	144
40823	A14-1213-026	GMI14-1657	1.32	2.15	33.4	3.11	<DL	0.535	8.44	0.198	105
40824	A14-1213-027	GMI14-1658	1.11	2.45	35.1	2.87	<DL	0.54	9.08	0.199	106
40825	A14-1213-028	GMI14-1659	1.17	8.81	45.2	2.79	<DL	1	2.86	0.372	89
40826	A14-1213-029	GMI14-1660	<DL	3.76	38	2.18	<DL	0.479	4.65	0.202	83.5
40827	A14-1213-030	GMI14-1661	1.14	3.85	31.6	3.27	<DL	0.467	6.9	0.181	128
40828	A14-1213-031	GMI14-1662	1.09	3.9	36.4	2.92	<DL	0.49	6.65	0.178	111
40829	A14-1213-032	GMI14-1663	<DL	5.1	43.8	1.34	<DL	0.448	2.12	0.174	42.4
40830	A14-1213-033	GMI14-1664	<DL	6.05	42.6	1.81	<DL	0.532	3.25	0.216	60.5
40831	A14-1213-034	GMI14-1665	<DL	4.92	43.7	2.7	<DL	0.593	3.88	0.236	101

40832	A14-1213-035	GMI14-1666	<DL	5.52	44.8	1.83	<DL	0.604	2.96	0.24	61.4
40809	A14-1226-001	GMI14-1667	<DL	31	25.9	0.932	<DL	0.282	0.8	0.104	28
40810	A14-1226-002	GMI14-1668	1.09	4.13	44	3.14	<DL	1.49	2.96	0.598	103
40811	A14-1226-003	GMI14-1669	<DL	2.91	63	2.17	<DL	1.03	2.07	0.439	62.9
40958	A14-1226-004	GMI14-1670	1.42	4.01	84.5	2.35	<DL	1.19	2.44	0.488	56.6
40959	A14-1226-005	GMI14-1671	1.48	4.65	28.6	2.63	<DL	0.361	4.3	0.113	98.4
40960	A14-1226-006	GMI14-1672	3.87	4.28	34.4	1.42	<DL	0.758	1.38	0.327	38.4
40961	A14-1226-007	GMI14-1673	1.02	2.01	2.57	<DL	<DL	<DL	<DL	<DL	0.592
40962	A14-1226-008	GMI14-1674	1.25	4.88	75.5	2.89	<DL	1.49	2.84	0.652	77.4
40963	A14-1226-009	GMI14-1675	<DL	12.5	60.3	1.38	<DL	0.828	1.57	0.349	35.4
40964	A14-1226-010	GMI14-1676	<DL	3.12	14.9	1.33	<DL	0.429	0.905	0.192	41.9
40965	A14-1226-011	GMI14-1677	1.52	5.52	12.9	4.8	<DL	1.06	5.69	0.479	164
40966	A14-1226-012	GMI14-1678	1.33	6.33	22.1	4.21	<DL	0.646	4.33	0.271	152
40967	A14-1226-013	GMI14-1679	1.21	6.79	61.8	3.16	<DL	1.13	4.83	0.414	107
40968	A14-1226-014	GMI14-1680	<DL	5.46	73.9	2.03	<DL	1.17	2.57	0.442	45
40969	A14-1226-015	GMI14-1681	1.04	5.93	59.1	2.24	<DL	1.34	2.72	0.535	62.2
40970	A14-1226-016	GMI14-1682	1.2	2.75	80.4	2.54	<DL	1.15	1.97	0.495	69.7
40971	A14-1226-017	GMI14-1683	1.02	3.49	40.4	1.94	<DL	1.04	1.88	0.414	49.7
40972	A14-1226-018	GMI14-1684	2.09	8.16	97.7	2.51	2.61	0.942	1.66	0.436	80.7
40973	A14-1226-019	GMI14-1685	2.19	4.14	53.3	1.79	<DL	0.777	1.32	0.33	55.4
40974	A14-1226-020	GMI14-1686	1.64	5.89	93.6	1.73	<DL	0.766	1.44	0.337	48.8
40975	A14-1226-021	GMI14-1687	1.35	7.49	86.1	1.91	<DL	0.995	1.79	0.429	54.9
40976	A14-1226-022	GMI14-1688	1.45	4.95	91.8	2.48	<DL	0.93	1.55	0.429	80.3
40977	A14-1226-023	GMI14-1689	1.41	11.4	32.3	3.96	<DL	0.459	3.02	0.174	149
40978	A14-1226-024	GMI14-1690	<DL	9.75	63.6	1.66	<DL	1.06	2.25	0.41	39.3
40674	A14-1269-001	GMI14-1691	<DL	20.1	44.2	2.43	<DL	0.682	2.34	0.275	86.3
40675	A14-1269-002	GMI14-1692	1.24	42.9	48.8	3.22	<DL	1.03	3.24	0.391	116
40676	A14-1269-003	GMI14-1693	<DL	25.4	43.4	2.46	<DL	0.702	2.28	0.289	84.6
40677	A14-1269-004	GMI14-1694	<DL	33.7	45.8	2.25	<DL	0.661	2.11	0.266	77.1
40678	A14-1269-005	GMI14-1695	<DL	39.4	42.4	2.06	<DL	0.639	1.99	0.261	71
40679	A14-1269-006	GMI14-1696	<DL	39.2	41.6	1.91	<DL	0.624	1.84	0.254	65.5
40680	A14-1269-007	GMI14-1697	<DL	34.1	43.4	2.14	<DL	0.662	2.01	0.271	71.7
40681	A14-1269-008	GMI14-1698	<DL	32.5	43.3	2.21	<DL	0.716	2.14	0.283	76.6
40682	A14-1269-009	GMI14-1699	<DL	28.8	43.8	2.39	<DL	0.753	2.32	0.303	83.4
40683	A14-1269-010	GMI14-1700	<DL	30	48.7	2.64	<DL	0.84	2.61	0.35	92.8
40684	A14-1269-011	GMI14-1701	<DL	29.7	45.1	2.64	<DL	0.837	2.59	0.354	93
40685	A14-1269-012	GMI14-1702	<DL	32.4	49.4	2.69	<DL	0.872	2.67	0.352	97.3
40686	A14-1269-013	GMI14-1703	1.02	33.3	48.1	2.74	<DL	0.855	2.71	0.362	97.2
40687	A14-1269-014	GMI14-1704	<DL	31.2	47.3	2.75	<DL	0.837	2.68	0.342	95.6
40688	A14-1269-015	GMI14-1705	<DL	34.8	47.6	2.69	<DL	0.845	2.69	0.349	97
40689	A14-1269-016	GMI14-1706	1	29.7	46.5	2.84	<DL	0.866	2.77	0.356	101
40690	A14-1269-017	GMI14-1707	1.29	19.8	46.7	3.09	<DL	0.87	2.87	0.347	103
40691	A14-1269-018	GMI14-1708	1.06	21.6	46.4	2.86	<DL	0.875	2.84	0.361	101
40692	A14-1269-019	GMI14-1709	1.14	21.9	46.9	2.97	<DL	0.943	3.1	0.391	107
40693	A14-1269-020	GMI14-1710	1.22	25.1	47.4	3.57	<DL	1.07	3.5	0.442	126
40694	A14-1269-021	GMI14-1711	1.26	28.3	48.9	3.68	<DL	1.11	3.7	0.472	133
40695	A14-1269-022	GMI14-1712	1.14	20.6	48.8	3.14	<DL	0.966	3.2	0.419	113
40696	A14-1269-023	GMI14-1713	1.12	22.8	49.5	3.17	<DL	0.968	3.19	0.404	112
40697	A14-1269-024	GMI14-1714	1.07	22.1	49	3.14	<DL	0.958	3.13	0.397	113
40698	A14-1269-025	GMI14-1715	1.09	18.6	50.7	3.01	<DL	0.954	3.14	0.396	111
40699	A14-1269-026	GMI14-1716	1.14	20.5	51	3.42	<DL	1.03	3.34	0.433	122
40700	A14-1269-027	GMI14-1717	1.09	37.6	49.2	3.15	<DL	0.97	3.15	0.384	113
40701	A14-1269-028	GMI14-1718	1.19	19	52.9	3.5	<DL	1.07	3.47	0.436	125
40702	A14-1269-029	GMI14-1719	1.14	19.6	52.8	3.48	<DL	1.06	3.41	0.434	124
40703	A14-1269-030	GMI14-1720	1.16	20.8	53	3.35	<DL	1.04	3.37	0.419	123
40704	A14-1269-031	GMI14-1721	1.12	19.1	54	3.34	<DL	1	3.24	0.395	117
40705	A14-1269-032	GMI14-1722	1.04	18.5	50.7	2.95	<DL	0.92	2.92	0.377	106
40706	A14-1269-033	GMI14-1723	<DL	18.3	51.6	2.84	<DL	0.876	2.76	0.366	98.9
40707	A14-1269-034	GMI14-1724	<DL	18.8	52	2.69	<DL	0.817	2.7	0.337	98.2

40708	A14-1269-035	GMI14-1725	<DL	17.4	55.2	2.66	<DL	0.813	2.49	0.346	93.4
40709	A14-1269-036	GMI14-1726	1.34	17.8	55.4	4.06	<DL	1.27	4.36	0.539	148
40710	A14-1269-037	GMI14-1727	<DL	20.5	51.4	2.48	<DL	0.777	2.36	0.304	86.4
40711	A14-1269-038	GMI14-1728	<DL	22.9	44	1.96	<DL	0.589	1.96	0.236	68.1
40712	A14-1269-039	GMI14-1729	<DL	22.8	43.9	2.12	<DL	0.656	2.03	0.264	73.8
40713	A14-1269-040	GMI14-1730	<DL	27	43	1.83	<DL	0.577	1.78	0.228	63.6
40714	A14-1269-041	GMI14-1731	<DL	23.6	45	1.93	<DL	0.618	1.84	0.236	66.7
40715	A14-1269-042	GMI14-1732	<DL	45.2	44.8	2.27	<DL	0.662	2.07	0.272	77.2
40716	A14-1269-043	GMI14-1733	<DL	23.1	47.6	2.39	<DL	0.732	2.25	0.29	82.9
40717	A14-1269-044	GMI14-1734	<DL	23.6	44.9	2.18	<DL	0.672	2.01	0.272	73.4
40718	A14-1269-045	GMI14-1735	<DL	28.6	44.7	2.18	<DL	0.667	2.04	0.286	75.1
40719	A14-1269-046	GMI14-1736	<DL	46.8	44.8	2.07	<DL	0.657	1.97	0.266	72.6
40720	A14-1269-047	GMI14-1737	<DL	42.5	41.9	1.87	<DL	0.592	1.75	0.242	65.3
40721	A14-1269-048	GMI14-1738	<DL	38.8	47.5	2.16	<DL	0.711	2.11	0.294	76.5
40722	A14-1269-049	GMI14-1739	<DL	41.2	47.4	2.31	<DL	0.716	2.19	0.293	80.6
40723	A14-1269-050	GMI14-1740	<DL	35.4	46.1	2.3	<DL	0.663	2.15	0.282	80
40724	A14-1269-051	GMI14-1741	<DL	20.5	46.4	2.12	<DL	0.606	1.96	0.246	72.5

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40822	A14-1213-025	GMI14-1656	1.38	3.36	29.9	4.06	<DL	0.493	7.93	0.182	144
40822	A14-1213-025	GMI14-1656 DUP	1.37	3.5	29.2	3.86	<DL	0.485	7.72	0.195	138
40969	A14-1226-015	GMI14-1681	1.04	5.93	59.1	2.24	<DL	1.34	2.72	0.535	62.2
40969	A14-1226-015	GMI14-1681 DUP	<DL	6.2	59.9	2.33	<DL	1.39	2.83	0.541	63.3
40689	A14-1269-016	GMI14-1706	1	29.7	46.5	2.84	<DL	0.866	2.77	0.356	101
40689	A14-1269-016	GMI14-1706 DUP	<DL	28.6	46.9	2.79	<DL	0.89	2.81	0.363	101
40724	A14-1269-051	GMI14-1741	<DL	20.5	46.4	2.12	<DL	0.606	1.96	0.246	72.5
40724	A14-1269-051	GMI14-1741 DUP	<DL	18.9	44.3	1.95	<DL	0.58	1.93	0.235	69.5

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	4.97				<DL	0.297			
		CRM SU-1b #2	4.13				<DL	0.285			
		CRM SU-1b #3	3.88				<DL	0.243			
		CRM SU-1b #4	4.39				<DL	0.259			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.46					87.9
		CRM RTS-3a #2				2.55					91.5
		CRM RTS-3a #3				2.09					74.3
		CRM RTS-3a #4				2.09					77.4
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		12.3	31.8	2.18		4.97	16.8	2.54	98.2
		CRM SY-4 #2		16.2	33.3	2.79		5.15	17.4	2.66	130
		CRM SY-4 #3		20.7	27.7	2.51		4.36	13.5	2.24	115
		CRM SY-4 #4		21.8	27.7	2.44		4.35	13.2	2.26	115
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.64	13.4		3.76					131
		CRM LKSD-3 #2	2.96	22.5		4.2					148
		CRM LKSD-3 #3	2.54	25.9		3.61					125
		CRM LKSD-3 #4	2.5	24.5		3.88					130

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	9.22	9.35	10.4	10.6	11.3	10.6	10.9	10.6	10.4
		Spike #4	10.7	7.72	11.2	10.5	11.2	11	11.8	11.1	10.5
		Spike #7	8.82	10	8.96	9.49	9.8	9.62	9.45	9.56	9.51
		Spike #10	9.76	11.6	9.47	9.44	9.31	9.68	9.53	9.67	9.71

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-023**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

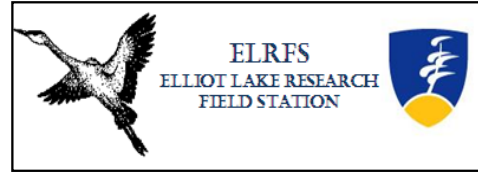
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**Batch: 14-1268 (52) & 14-1270 (50)**

## ELRFS Contact Information:

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 52 + 50  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 20, 2015 / Troy Maki  
Submission Date: 2015 02 03

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40622	A14-1268-001	GMI14-1742	<DL	2.62	28.3	1.76	<DL	0.359	2.28	0.135	42.5
40623	A14-1268-002	GMI14-1743	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
40624	A14-1268-003	GMI14-1744	<DL	3.15	29.9	1.62	<DL	0.333	2.09	0.13	47.9
40625	A14-1268-004	GMI14-1745	1.16	23.5	45.5	3.42	<DL	1.04	3.61	0.428	123
40626	A14-1268-005	GMI14-1746	<DL	3.44	25.1	2.44	<DL	0.318	2.74	0.128	77.7
40627	A14-1268-006	GMI14-1747	<DL	4.09	30.7	1.83	<DL	0.319	1.7	0.136	50.4
40628	A14-1268-007	GMI14-1748	<DL	3.46	31.3	1.54	<DL	0.339	2.23	0.131	44.5
40629	A14-1268-008	GMI14-1749	<DL	3.76	29.5	1.93	<DL	0.337	2.68	0.138	61.2
40630	A14-1268-009	GMI14-1750	<DL	4.38	32.6	1.2	<DL	0.404	2.74	0.168	33
40631	A14-1268-010	GMI14-1751	<DL	5.97	33.3	1.68	<DL	0.397	2.86	0.161	54.1
40632	A14-1268-011	GMI14-1752	<DL	5.97	27.2	2.95	<DL	0.419	6.93	0.152	106
40633	A14-1268-012	GMI14-1753	<DL	6.32	32	1.99	<DL	0.31	4.64	0.119	59.3
40634	A14-1268-013	GMI14-1754	<DL	5.97	31.3	2.49	<DL	0.335	3.68	0.131	86.7
40635	A14-1268-014	GMI14-1755	<DL	6.84	35.2	1.55	<DL	0.327	1.46	0.115	43.8
40636	A14-1268-015	GMI14-1756	<DL	7.2	29.8	2.63	<DL	0.411	5.25	0.148	94.8
40637	A14-1268-016	GMI14-1757	<DL	7.99	34.6	1.03	<DL	0.335	0.981	0.135	23.4
40638	A14-1268-017	GMI14-1758	<DL	6.32	29.9	3.17	<DL	0.319	3.34	0.131	103
40639	A14-1268-018	GMI14-1759	<DL	6.48	25.2	3.73	<DL	0.308	3.46	0.124	131
40640	A14-1268-019	GMI14-1760	<DL	5.83	35.7	1.03	<DL	0.326	0.98	0.126	26.3
40641	A14-1268-020	GMI14-1761	1.07	3.24	25.7	4.67	<DL	0.463	10.9	0.158	182
40642	A14-1268-021	GMI14-1762	<DL	4.18	34.5	1.16	<DL	0.317	1.57	0.117	31.2
40643	A14-1268-022	GMI14-1763	<DL	6.32	35.1	1.34	<DL	0.391	1.15	0.158	36.4
40644	A14-1268-023	GMI14-1764	<DL	5.82	37.4	1.4	<DL	0.39	1.1	0.146	32.3
40645	A14-1268-024	GMI14-1765	<DL	5.12	33.8	1.56	<DL	0.322	1.35	0.129	43.3
40646	A14-1268-025	GMI14-1766	<DL	4.95	32.1	1.91	<DL	0.335	1.35	0.132	53.7
40647	A14-1268-026	GMI14-1767	<DL	7.1	35.1	1.86	<DL	0.419	1.02	0.174	47.1
40648	A14-1268-027	GMI14-1768	<DL	4.58	32.9	2.5	<DL	0.377	3.65	0.144	83.7
40649	A14-1268-028	GMI14-1769	<DL	3.39	30	2.09	<DL	0.348	3.15	0.139	60.9
40650	A14-1268-029	GMI14-1770	1.17	24.2	48.5	3.41	<DL	0.999	3.62	0.398	118
40651	A14-1268-030	GMI14-1771	<DL	4.67	33.9	1.92	<DL	0.362	1.67	0.15	62.3
40652	A14-1268-031	GMI14-1772	<DL	5.26	34.1	1.81	<DL	0.371	1.44	0.141	55.1
40653	A14-1268-032	GMI14-1773	<DL	4.74	31.8	2.35	<DL	0.343	1.89	0.133	77.8
40654	A14-1268-033	GMI14-1774	<DL	4.28	32.4	1.4	<DL	0.336	1.96	0.133	37.5
40655	A14-1268-034	GMI14-1775	1.05	5.94	27.9	3.61	<DL	0.371	3.98	0.145	131

40656	A14-1268-035	GMI14-1776	<DL	5.99	27.8	2.69	<DL	0.353	3.55	0.127	94.4
40657	A14-1268-036	GMI14-1777	<DL	5.26	33.8	1.37	<DL	0.315	1.23	0.131	38.1
40658	A14-1268-037	GMI14-1778	<DL	4.6	33.3	2.38	<DL	0.273	2.61	0.116	70.8
40659	A14-1268-038	GMI14-1779	<DL	5.13	34.5	1.87	<DL	0.412	1.81	0.158	56.8
40660	A14-1268-039	GMI14-1780	<DL	4.21	36.9	1.97	<DL	0.416	1.92	0.162	62.9
40661	A14-1268-040	GMI14-1781	1.14	4.07	35.1	4.97	<DL	0.984	13.3	0.312	166
40662	A14-1268-041	GMI14-1782	1.33	15.9	68.1	4.73	<DL	0.749	4.22	0.298	166
40663	A14-1268-042	GMI14-1783	<DL	6.04	34.1	3.29	<DL	0.338	2.09	0.134	102
40664	A14-1268-043	GMI14-1784	1.07	4.51	27.3	4.2	<DL	0.239	2.86	0.082	131
40665	A14-1268-044	GMI14-1785	1.24	3.39	30.2	4.35	<DL	0.318	3.98	0.125	145
40666	A14-1268-045	GMI14-1786	1.14	2.48	25.9	4.65	<DL	0.379	4.58	0.143	163
40667	A14-1268-046	GMI14-1787	<DL	3.14	32.9	3.45	<DL	0.44	6.46	0.153	125
40668	A14-1268-047	GMI14-1788	1.47	3.24	29	5.52	<DL	0.492	9.82	0.17	187
40669	A14-1268-048	GMI14-1789	2.32	4.95	22.6	8.37	<DL	0.4	5.63	0.16	324
40670	A14-1268-049	GMI14-1790	<DL	11.6	46.3	2.73	<DL	0.725	2.79	0.263	94.6
40671	A14-1268-050	GMI14-1791	<DL	13.1	46.2	2.67	<DL	0.743	2.79	0.281	96.3
40672	A14-1268-051	GMI14-1792	<DL	15.6	47.5	2.9	<DL	0.825	3.08	0.334	102
40673	A14-1268-052	GMI14-1793	<DL	11.8	48.7	2.76	<DL	0.769	2.87	0.289	97
40725	A14-1270-001	GMI14-1794	1.37	8.84	36.7	2.71	<DL	0.799	2.3	0.291	79.6
40726	A14-1270-002	GMI14-1795	1.01	23.4	39.4	2.22	<DL	0.664	2.17	0.262	74.7
40727	A14-1270-003	GMI14-1796	1	30.9	42.9	2.22	<DL	0.719	2.28	0.268	78.9
40728	A14-1270-004	GMI14-1797	<DL	29.9	43.1	2.24	<DL	0.714	2.32	0.288	79.5
40729	A14-1270-005	GMI14-1798	<DL	25.9	44.9	2.45	<DL	0.746	2.45	0.305	85.9
40730	A14-1270-006	GMI14-1799	<DL	27.8	43.8	2.44	<DL	0.751	2.42	0.287	85.8
40731	A14-1270-007	GMI14-1800	<DL	32.8	44.6	2.4	<DL	0.753	2.42	0.311	85.1
40732	A14-1270-008	GMI14-1801	<DL	31.2	46.7	2.47	<DL	0.739	2.4	0.281	87.3
40733	A14-1270-009	GMI14-1802	<DL	21.5	47.5	2.65	<DL	0.732	2.52	0.287	91.1
40734	A14-1270-010	GMI14-1803	<DL	19.1	45.7	2.42	<DL	0.664	2.26	0.251	83.2
40735	A14-1270-011	GMI14-1804	1	15.7	40.6	3.05	<DL	0.601	2.97	0.237	113
40736	A14-1270-012	GMI14-1805	<DL	12.3	35.2	2.77	<DL	0.609	2.56	0.235	92.3
40737	A14-1270-013	GMI14-1806	1.23	8.14	30.4	4.19	<DL	0.531	3.28	0.216	152
40738	A14-1270-014	GMI14-1807	<DL	9.28	44.9	1.84	<DL	0.646	3.93	0.255	49.9
40739	A14-1270-015	GMI14-1808	1.21	9.59	27.6	3.05	<DL	0.527	6.07	0.206	117
40740	A14-1270-016	GMI14-1809	<DL	10.8	40.4	2.02	<DL	0.688	2.9	0.293	56.1
40741	A14-1270-017	GMI14-1810	<DL	13.1	45.5	1.58	<DL	0.673	2.29	0.28	40.6
40742	A14-1270-018	GMI14-1811	<DL	10.7	43.3	1.59	<DL	0.627	1.75	0.245	38.7
40743	A14-1270-019	GMI14-1812	1.32	8.43	31.5	3.52	<DL	0.509	6.16	0.188	139
40744	A14-1270-020	GMI14-1813	1.17	8.94	32	3.4	<DL	0.56	6.73	0.209	125
40745	A14-1270-021	GMI14-1814	1	8.26	26.1	3.11	<DL	0.376	9	0.129	111
40746	A14-1270-022	GMI14-1815	1.37	8.12	40.4	2.46	<DL	0.687	5.76	0.282	85
40747	A14-1270-023	GMI14-1816	2.02	8.52	40	5.06	<DL	0.703	11.1	0.285	240
40748	A14-1270-024	GMI14-1817	1.19	8.35	36.7	3.57	<DL	0.662	7.46	0.269	152
40749	A14-1270-025	GMI14-1818	1.76	6.69	32.3	6.2	<DL	0.587	11.1	0.249	288
40750	A14-1270-026	GMI14-1819	1.29	11.5	38.9	3.01	<DL	0.819	2.33	0.298	85.6
40751	A14-1270-027	GMI14-1820	1.26	3.64	16.9	4.86	<DL	0.396	14	0.106	179
40752	A14-1270-028	GMI14-1821	1.21	3.7	16.3	4.77	<DL	0.421	14.5	0.116	181
40753	A14-1270-029	GMI14-1822	1.22	3.8	15.8	4.55	<DL	0.413	14.8	0.11	173
40754	A14-1270-030	GMI14-1823	1.17	3.96	16.1	4.89	<DL	0.404	15.5	0.101	182
40755	A14-1270-031	GMI14-1824	1.14	4.4	15.8	4.82	<DL	0.39	14.3	0.108	176
40756	A14-1270-032	GMI14-1825	1.13	3.88	15.1	4.32	<DL	0.369	13.5	0.094	162
40757	A14-1270-033	GMI14-1826	1.04	3.67	15	4.43	<DL	0.347	13.2	0.086	161
40758	A14-1270-034	GMI14-1827	1.14	4.44	17.2	4.27	<DL	0.359	11.8	0.099	157
40759	A14-1270-035	GMI14-1828	1.17	3.9	15.5	4.68	<DL	0.323	13.2	0.08	168
40760	A14-1270-036	GMI14-1829	1.28	4.67	15.3	5.04	<DL	0.296	12.5	0.07	186
40761	A14-1270-037	GMI14-1830	1.21	4.48	16.9	4.93	<DL	0.303	12.7	0.076	193
40762	A14-1270-038	GMI14-1831	1.45	4.57	16.9	5.71	<DL	0.299	12.5	0.088	195
40763	A14-1270-039	GMI14-1832	1.25	4.73	15.2	5.75	<DL	0.24	6.89	0.087	200
40764	A14-1270-040	GMI14-1833	1.12	5.44	21.7	3.81	<DL	0.272	7.61	0.091	134
40765	A14-1270-041	GMI14-1834	<DL	41.7	31	1.62	<DL	0.16	3.06	0.046	50.4



40766	A14-1270-042	GMI14-1835	<DL	45.6	32.4	1.33	<DL	0.167	1.32	0.049	37.2
40767	A14-1270-043	GMI14-1836	<DL	43.7	31.1	1.5	<DL	0.192	1.17	0.061	48.4
40768	A14-1270-044	GMI14-1837	<DL	39.3	30.9	2.17	<DL	0.177	1.78	0.054	70.1
40769	A14-1270-045	GMI14-1838	<DL	46.4	32.5	1.63	<DL	0.163	1.41	0.052	49.3
40770	A14-1270-046	GMI14-1839	<DL	10.5	32.5	1.84	<DL	0.32	1.53	0.127	55.9
40771	A14-1270-047	GMI14-1840	<DL	7.61	33.5	1.54	<DL	0.333	1.76	0.13	43.5
40772	A14-1270-048	GMI14-1841	<DL	6.44	34.4	1.73	<DL	0.297	1.18	0.117	53.2
40773	A14-1270-049	GMI14-1842	1.1	5.92	26.5	3.88	<DL	0.35	4.02	0.137	140
40774	A14-1270-050	GMI14-1843	1.04	5.9	28.5	3.79	<DL	0.355	4.19	0.139	135

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/kg 1	mg/kg 1	mg/kg 0.1	mg/kg 0.6	mg/kg 2	mg/kg 0.02	mg/kg 0.02	mg/kg 0.03	mg/kg 0.5
40646	A14-1268-025	GMI14-1766	<DL	4.95	32.1	1.91	<DL	0.335	1.35	0.132	53.7
40646	A14-1268-025	GMI14-1766 DUP	<DL	5.28	34.1	1.99	<DL	0.327	1.34	0.126	57
40673	A14-1268-052	GMI14-1793	<DL	11.8	48.7	2.76	<DL	0.769	2.87	0.289	97
40673	A14-1268-052	GMI14-1793 DUP	<DL	11.8	48.9	2.7	<DL	0.762	2.85	0.291	96.5
40749	A14-1270-025	GMI14-1818	1.76	6.69	32.3	6.2	<DL	0.587	11.1	0.249	288
40749	A14-1270-025	GMI14-1818 DUP	1.75	6.17	32.2	5.76	<DL	0.579	11.5	0.254	272
40774	A14-1270-050	GMI14-1843	1.04	5.9	28.5	3.79	<DL	0.355	4.19	0.139	135
40774	A14-1270-050	GMI14-1843 DUP	1.04	5.78	26.6	3.45	<DL	0.344	3.98	0.14	126

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/kg 1	mg/kg 1	mg/kg 0.1	mg/kg 0.6	mg/kg 2	mg/kg 0.02	mg/kg 0.02	mg/kg 0.03	mg/kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	4.34				<DL	0.264			
		CRM SU-1b #2	4.07				<DL	0.273			
		CRM SU-1b #3	3.82				<DL	0.262			
		CRM SU-1b #4	4.73				<DL	0.274			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.38					82.1
		CRM RTS-3a #2				2.31					82
		CRM RTS-3a #3				2.19					77.3
		CRM RTS-3a #4				2.21					78.3
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		15.3	27.1	2.56		4.66	15.1	2.4	120
		CRM SY-4 #2		13.5	29.1	2.55		4.86	15.9	2.48	115
		CRM SY-4 #3		18	27.1	2.54		4.05	13	2.09	114
		CRM SY-4 #4		17.5	26.7	2.48		4.17	13.5	2.16	111
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.27	17.9		3.74					129
		CRM LKSD-3 #2	2.61	17.2		4.07					138
		CRM LKSD-3 #3	2.54	23		3.67					126
		CRM LKSD-3 #4	2.61	22.6		3.72					126

**SPIKES**

<b>Good Mining Label</b>	<b>Swastika Label</b>	<b>ELRFS Label Units DL</b>	<b>Ag ug/L 1</b>	<b>B ug/L 1</b>	<b>Ge ug/L 0.1</b>	<b>Hf ug/L 0.6</b>	<b>Hg ug/L 2</b>	<b>Ho ug/L 0.02</b>	<b>Pr ug/L 0.02</b>	<b>Tm ug/L 0.03</b>	<b>Zr ug/L 0.5</b>
		<b>Actual Spike Values:</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		<b>Spike #1</b>	8.57	9.69	9.7	10.2	9.94	10.1	10.3	10.1	10
		<b>Spike #4</b>	9.31	8.4	10.3	9.79	9.87	10.2	10.6	10.2	9.81
		<b>Spike #7</b>	8.82	10.1	9.51	9.94	10.1	9.69	9.7	9.68	9.69
		<b>Spike #10</b>	9.7	10	9.77	9.45	9.41	9.66	9.75	9.69	9.45

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-024**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

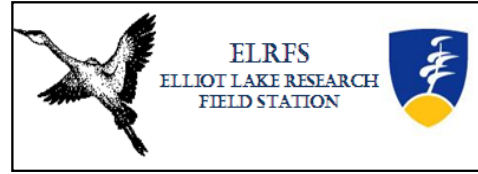
## Client Contact Information:

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Phone: 705-529-3087 (Mobile)

**Batch: 14-1271 (48) & 14-1272 (5) & 14-1273 (46)**

## ELRFS Contact Information:

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Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 48 + 5 + 46  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 21, 2015 / Troy Maki  
Submission Date: 2015 02 03

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40775	A14-1271-001	GMI14-1844	1.21	8.7	47.5	2.92	<DL	0.833	2.44	0.315	86.8
40776	A14-1271-002	GMI14-1845	<DL	3.7	47.6	1.6	<DL	0.404	1.38	0.171	49.9
40777	A14-1271-003	GMI14-1846	<DL	2.98	38.9	1.67	<DL	0.344	1.56	0.148	53.6
40778	A14-1271-004	GMI14-1847	<DL	3.96	42.1	1.59	<DL	0.376	2.79	0.15	51.1
40779	A14-1271-005	GMI14-1848	1.18	3.79	36.8	2.46	<DL	0.46	6.75	0.189	80.4
40780	A14-1271-006	GMI14-1849	<DL	4.25	43.8	1.54	<DL	0.397	3.88	0.159	48
40781	A14-1271-007	GMI14-1850	1.18	5.77	38.1	3.76	<DL	0.374	5.61	0.163	146
40782	A14-1271-008	GMI14-1851	<DL	5.36	42.3	1.95	<DL	0.324	1.53	0.143	58.8
40783	A14-1271-009	GMI14-1852	<DL	5.71	46.4	1.28	<DL	0.416	1.12	0.177	33.3
40784	A14-1271-010	GMI14-1853	1.07	5.34	33.1	4.67	<DL	0.334	2.45	0.143	165
40785	A14-1271-011	GMI14-1854	1.44	5.56	32.3	7.2	<DL	0.334	3.41	0.151	270
40786	A14-1271-012	GMI14-1855	<DL	4.99	43.8	1.55	<DL	0.359	1.44	0.133	49.7
40787	A14-1271-013	GMI14-1856	<DL	5.03	43.4	1.65	<DL	0.339	2.12	0.133	48
40788	A14-1271-014	GMI14-1857	<DL	4.03	29.3	1.02	<DL	0.24	2.44	0.092	26.6
40789	A14-1271-015	GMI14-1858	<DL	5	44.1	1.28	<DL	0.32	1.36	0.12	39.8
40790	A14-1271-016	GMI14-1859	<DL	5.68	45.3	1.21	<DL	0.354	2.53	0.14	35.7
40791	A14-1271-017	GMI14-1860	<DL	5.26	46.5	1.43	<DL	0.337	1.47	0.138	47.8
40792	A14-1271-018	GMI14-1861	<DL	4.31	33	2.19	<DL	0.303	2.5	0.129	74.3
40793	A14-1271-019	GMI14-1862	1.37	4.47	30.4	4.34	<DL	0.432	5.94	0.177	155
40794	A14-1271-020	GMI14-1863	<DL	5.12	45.3	1.25	<DL	0.316	1.6	0.121	38.6
40795	A14-1271-021	GMI14-1864	1.13	5.43	32	3.7	<DL	0.348	4.22	0.155	135
40796	A14-1271-022	GMI14-1865	<DL	5.61	44.5	1.74	<DL	0.326	2.25	0.125	58.5
40797	A14-1271-023	GMI14-1866	<DL	4.99	45.8	1.3	<DL	0.306	1.43	0.126	36.2
40798	A14-1271-024	GMI14-1867	<DL	5.33	43.5	1.81	<DL	0.335	2.1	0.135	54.6
40799	A14-1271-025	GMI14-1868	1.27	5.75	32.4	4.79	<DL	0.336	2.72	0.143	179
40800	A14-1271-026	GMI14-1869	1.17	7.87	52.2	2.68	<DL	0.744	2.3	0.277	78.2
40851	A14-1271-027	GMI14-1870	1.07	3.32	40.5	3.05	<DL	0.306	2.63	0.128	106
40852	A14-1271-028	GMI14-1871	<DL	3.69	44.8	1.55	<DL	0.306	1.52	0.12	46.4
40853	A14-1271-029	GMI14-1872	<DL	3.42	46.6	1.52	<DL	0.332	1.7	0.132	44.8
40854	A14-1271-030	GMI14-1873	<DL	4.29	48.3	1.87	<DL	0.325	2.79	0.122	60.2
40855	A14-1271-031	GMI14-1874	<DL	4.42	45.2	1.79	<DL	0.327	1.79	0.136	51.3
40856	A14-1271-032	GMI14-1875	<DL	5.12	40.6	2.53	<DL	0.306	1.67	0.135	72.8
40857	A14-1271-033	GMI14-1876	<DL	3.9	42.2	1.79	<DL	0.304	2.41	0.13	49
40858	A14-1271-034	GMI14-1877	<DL	4.17	39.8	2	<DL	0.302	1.64	0.127	68.4

40859	A14-1271-035	GMI14-1878	1.04	3.42	25.2	2.99	<DL	0.226	7.05	0.09	114
40860	A14-1271-036	GMI14-1879	1.08	4.05	25	3.76	<DL	0.267	8.21	0.105	141
40861	A14-1271-037	GMI14-1880	1.16	3.08	25.8	3.65	<DL	0.529	12.1	0.204	140
40862	A14-1271-038	GMI14-1881	1	3.19	29.4	3.14	<DL	0.335	4.9	0.121	126
40863	A14-1271-039	GMI14-1882	<DL	3.7	48.2	1.91	<DL	0.329	1.66	0.13	55.2
40864	A14-1271-040	GMI14-1883	<DL	3.79	47.5	1.57	<DL	0.344	1.93	0.136	43.9
40865	A14-1271-041	GMI14-1884	<DL	4.17	51.6	1.17	<DL	0.34	1.42	0.136	33.4
40866	A14-1271-042	GMI14-1885	<DL	5.12	51.9	0.901	<DL	0.353	1.22	0.15	24.5
40867	A14-1271-043	GMI14-1886	<DL	5.31	50.7	1.09	<DL	0.363	1.13	0.141	30.5
40868	A14-1271-044	GMI14-1887	<DL	14.2	94.5	2.28	<DL	0.608	3.62	0.237	63.8
40869	A14-1271-045	GMI14-1888	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
40870	A14-1271-046	GMI14-1889	<DL	4.01	45.8	0.986	<DL	0.297	1.25	0.107	28.3
40871	A14-1271-047	GMI14-1890	<DL	3.82	44	1.18	<DL	0.311	1.32	0.122	35.4
40872	A14-1271-048	GMI14-1891	<DL	3.9	45.1	1.19	<DL	0.3	2.48	0.113	37.8
40946	A14-1272-001	GMI14-1892	1.06	6.22	76.1	2.35	<DL	1.02	1.78	0.413	65.4
40947	A14-1272-002	GMI14-1893	<DL	6.61	76.7	2.42	<DL	1.1	1.87	0.456	69.4
40948	A14-1272-003	GMI14-1894	<DL	7.24	76.7	2.09	<DL	1.08	1.76	0.452	62.9
40949	A14-1272-004	GMI14-1895	1.81	84.9	35.6	2.33	<DL	0.893	8.56	0.345	75.7
40950	A14-1272-005	GMI14-1896	2.23	27.6	51.4	3.55	<DL	0.735	3.97	0.279	132
41001	A14-1273-001	GMI14-1897	<DL	8.58	73	1.99	<DL	0.891	1.66	0.369	60.4
41002	A14-1273-002	GMI14-1898	<DL	8.81	80.4	2.02	<DL	0.979	1.67	0.401	59.9
41003	A14-1273-003	GMI14-1899	<DL	8.19	76.4	2.03	<DL	1.02	1.67	0.412	63.5
41004	A14-1273-004	GMI14-1900	<DL	8.19	75.1	1.91	<DL	1.06	1.68	0.439	58.4
41005	A14-1273-005	GMI14-1901	<DL	8.7	66.6	1.97	<DL	1.04	1.69	0.452	61.8
41006	A14-1273-006	GMI14-1902	<DL	6.86	69.8	1.68	<DL	1.02	1.74	0.415	51.7
41007	A14-1273-007	GMI14-1903	<DL	6.16	71.8	1.56	<DL	0.936	1.61	0.377	45.5
41008	A14-1273-008	GMI14-1904	<DL	7.1	72.6	1.86	<DL	1.04	1.75	0.434	56.4
41009	A14-1273-009	GMI14-1905	<DL	6.48	71.5	1.65	<DL	1.01	1.8	0.418	47.6
41010	A14-1273-010	GMI14-1906	<DL	7.14	71	1.91	<DL	1.06	1.87	0.431	55.2
41011	A14-1273-011	GMI14-1907	<DL	7.78	69.9	2.04	<DL	1.04	1.78	0.43	55
41012	A14-1273-012	GMI14-1908	<DL	7.8	72.5	1.91	<DL	1.1	1.87	0.44	57.4
41013	A14-1273-013	GMI14-1909	<DL	6.68	75.4	2.07	<DL	1.06	1.82	0.446	60.5
41014	A14-1273-014	GMI14-1910	<DL	6.95	74.2	1.51	<DL	0.975	1.74	0.392	39.5
41015	A14-1273-015	GMI14-1911	<DL	6.64	74.7	1.6	<DL	0.978	1.77	0.387	42.2
41016	A14-1273-016	GMI14-1912	<DL	6.54	75.5	1.61	<DL	0.992	1.75	0.382	43
41017	A14-1273-017	GMI14-1913	<DL	7.3	73.6	1.7	<DL	1.03	1.83	0.414	46.9
41018	A14-1273-018	GMI14-1914	<DL	5.97	76	1.54	<DL	0.961	1.75	0.366	37.9
41019	A14-1273-019	GMI14-1915	<DL	7.07	71.8	1.5	<DL	0.941	1.72	0.383	39.6
41020	A14-1273-020	GMI14-1916	<DL	6.56	67.5	1.27	<DL	0.96	1.76	0.388	33.1
41021	A14-1273-021	GMI14-1917	<DL	3.98	65.2	1.43	<DL	0.846	1.63	0.333	35.8
41022	A14-1273-022	GMI14-1918	<DL	3.98	67.2	1.74	<DL	0.899	1.62	0.385	49.8
41023	A14-1273-023	GMI14-1919	1.04	5.69	71	2.08	<DL	0.984	1.7	0.435	63.7
41024	A14-1273-024	GMI14-1920	1.92	78	41.3	2.4	<DL	0.919	8.26	0.382	72
41025	A14-1273-025	GMI14-1921	2.04	5.27	79.5	2.45	<DL	0.778	4.05	0.313	93.9
41026	A14-1273-026	GMI14-1922	<DL	7.42	69.2	1.76	<DL	1.04	1.82	0.423	52.2
41027	A14-1273-027	GMI14-1923	<DL	7.84	75.4	1.52	<DL	0.969	1.71	0.393	39.8
41028	A14-1273-028	GMI14-1924	<DL	6.59	73.7	1.57	<DL	1.02	1.83	0.41	41.7
41029	A14-1273-029	GMI14-1925	<DL	7.34	77	1.79	<DL	1.01	1.81	0.423	48.5
41030	A14-1273-030	GMI14-1926	<DL	7.34	68.5	1.71	<DL	0.88	1.48	0.352	50.2
41031	A14-1273-031	GMI14-1927	<DL	6.91	72.9	1.73	<DL	0.898	1.53	0.378	49.2
41032	A14-1273-032	GMI14-1928	<DL	8.85	73.3	1.73	<DL	0.959	1.65	0.405	48.8
41033	A14-1273-033	GMI14-1929	<DL	8.52	78.2	1.75	<DL	1.06	1.91	0.439	44.1
41034	A14-1273-034	GMI14-1930	<DL	7.61	71.9	1.72	<DL	0.994	1.71	0.417	48.7
41035	A14-1273-035	GMI14-1931	<DL	8.4	72.5	1.65	<DL	0.984	1.75	0.424	44.2
41036	A14-1273-036	GMI14-1932	<DL	9.8	80.3	1.82	<DL	1.05	1.81	0.449	48.2
41037	A14-1273-037	GMI14-1933	<DL	8.64	70.9	2.06	<DL	1.06	2.47	0.437	61.4
41038	A14-1273-038	GMI14-1934	<DL	8.94	75.2	1.73	<DL	0.991	1.77	0.427	49.5
41039	A14-1273-039	GMI14-1935	1.02	8.47	62.8	3.29	<DL	0.998	5.52	0.384	116
41040	A14-1273-040	GMI14-1936	<DL	8.56	77.2	1.82	<DL	0.989	2.03	0.391	52.2

41041	A14-1273-041	GMI14-1937	<DL	6.96	69.9	1.44	<DL	0.776	1.68	0.301	38.8
41042	A14-1273-042	GMI14-1938	<DL	5.75	70.9	1.51	<DL	0.745	1.6	0.278	39.5
41043	A14-1273-043	GMI14-1939	<DL	6.51	77.8	1.8	<DL	0.844	1.78	0.304	49.5
41044	A14-1273-044	GMI14-1940	<DL	6.41	74	1.53	<DL	0.688	1.63	0.246	42.7
41045	A14-1273-045	GMI14-1941	<DL	3.73	67.8	1.45	<DL	0.713	1.55	0.258	42
41046	A14-1273-046	GMI14-1942	<DL	4.48	66.6	1.26	<DL	0.748	1.45	0.287	34.6

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40799	A14-1271-025	GMI14-1868	1.27	5.75	32.4	4.79	<DL	0.336	2.72	0.143	179
40799	A14-1271-025	GMI14-1868 DUP	1.25	5.52	32.3	4.75	<DL	0.336	2.72	0.146	177
40872	A14-1271-048	GMI14-1891	<DL	3.9	45.1	1.19	<DL	0.3	2.48	0.113	37.8
40872	A14-1271-048	GMI14-1891 DUP	<DL	3.7	44.6	1.22	<DL	0.295	2.5	0.105	37.8
41020	A14-1273-020	GMI14-1916	<DL	6.56	67.5	1.27	<DL	0.96	1.76	0.388	33.1
41020	A14-1273-020	GMI14-1916 DUP	<DL	6.32	67.3	1.34	<DL	0.908	1.68	0.364	29.8
41046	A14-1273-046	GMI14-1942	<DL	4.48	66.6	1.26	<DL	0.748	1.45	0.287	34.6
41046	A14-1273-046	GMI14-1942 DUP	<DL	3.74	65.9	1.23	<DL	0.719	1.47	0.272	35.5

### CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	<b>6.39</b>				<b>0.3</b>	<b>0.3</b>			
		CRM SU-1b #1	3.67				<DL	0.264			
		CRM SU-1b #2	3.54				<DL	0.264			
		CRM SU-1b #3	3.72				<DL	0.26			
		CRM SU-1b #4	3.63				<DL	0.245			
		Certified Values:				<b>2</b>					<b>78</b>
		CRM RTS-3a #1				2.32					82.1
		CRM RTS-3a #2				2.24					82.1
		CRM RTS-3a #3				2.11					76.5
		CRM RTS-3a #4				2.04					74.1
		Certified Values:		<b>13-18</b>	<b>1-4</b>	<b>10.6</b>		<b>4.3</b>	<b>15</b>	<b>2.3</b>	<b>178</b>
		CRM SY-4 #1		14.1	36.5	2.29		3.8	13.2	1.91	109
		CRM SY-4 #2		13.6	38.6	2.25		3.84	13.4	1.96	107
		CRM SY-4 #3		16.5	37.2	2.31		3.68	12	1.9	111
		CRM SY-4 #4		15.8	37.6	2.03		2.72	9.83	1.34	95
		Certified Values:	<b>2.7</b>	<b>25</b>		<b>4.8</b>					<b>517</b>
		CRM LKSD-3 #1	2.34	17.4		3.65					127
		CRM LKSD-3 #2	2.33	17.1		3.6					124
		CRM LKSD-3 #3	2.61	21.8		3.52					122
		CRM LKSD-3 #4	2.54	19.1		3.52					122

### SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
		Spike #1	8.66	8.6	9.8	9.96	9.61	9.75	10.1	9.72	9.91
		Spike #4	9.28	8.16	10.1	9.43	9.49	9.67	10.2	9.68	9.74
		Spike #7	8.73	9.93	9.32	9.52	9.83	9.5	9.39	9.58	9.49
		Spike #10	9.55	10.5	9.75	9.56	9.71	9.71	9.69	9.73	9.53

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-025**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

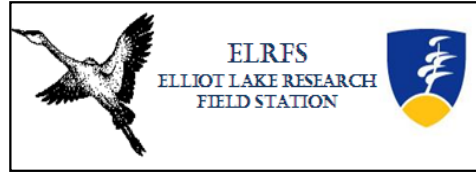
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**Batch: 14-1274 (39) & 14-1275 (35)**

## ELRFS Contact Information:

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples: 39 + 35  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 22, 2015 / Troy Maki  
Submission Date: 2015 02 03

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41047	A14-1274-001	GMI14-1943	<DL	1.8	44	1.79	<DL	0.899	1.94	0.343	36.2
41048	A14-1274-002	GMI14-1944	<DL	1.52	44.6	1.54	<DL	0.925	2.11	0.344	40.4
41049	A14-1274-003	GMI14-1945	<DL	58.4	22.3	2.29	<DL	0.832	9	0.316	68.3
41050	A14-1274-004	GMI14-1946	<DL	16	34.6	3.89	<DL	0.642	4.65	0.226	138
41051	A14-1274-005	GMI14-1947	<DL	2.67	57.8	1.51	<DL	0.955	2.28	0.328	34.4
41052	A14-1274-006	GMI14-1948	<DL	2.56	48.7	1.36	<DL	0.918	2.02	0.342	31.4
41053	A14-1274-007	GMI14-1949	<DL	2.53	57	1.31	<DL	0.868	1.99	0.318	30
41054	A14-1274-008	GMI14-1950	<DL	6.73	47.7	2.67	<DL	0.722	2.74	0.271	87.8
41055	A14-1274-009	GMI14-1951	<DL	3.38	50.9	1.48	<DL	0.837	2.64	0.304	36
41056	A14-1274-010	GMI14-1952	<DL	3.65	49.8	1.34	<DL	0.916	2.6	0.332	30.8
41057	A14-1274-011	GMI14-1953	<DL	9.91	53	1.55	<DL	0.906	2.36	0.337	38
41058	A14-1274-012	GMI14-1954	<DL	11.2	55.6	1.8	<DL	0.878	2.16	0.325	48.6
41059	A14-1274-013	GMI14-1955	<DL	3.39	53.4	1.74	<DL	0.928	2.27	0.347	45.2
41060	A14-1274-014	GMI14-1956	<DL	2.89	57	1.61	<DL	0.871	2.13	0.311	37.2
41061	A14-1274-015	GMI14-1957	<DL	2.64	46.5	1.43	<DL	0.922	2.16	0.329	34
41062	A14-1274-016	GMI14-1958	<DL	3	58.2	1.57	<DL	0.919	2.1	0.325	37.5
41063	A14-1274-017	GMI14-1959	<DL	2.79	50.3	1.7	<DL	0.912	2.22	0.321	40.2
41064	A14-1274-018	GMI14-1960	<DL	3.32	51.4	1.75	<DL	0.906	2.08	0.336	40.6
41065	A14-1274-019	GMI14-1961	<DL	2.71	49.5	2.14	<DL	0.954	2.42	0.334	56.1
41066	A14-1274-020	GMI14-1962	<DL	2.81	50.7	2.26	<DL	0.952	1.94	0.363	65.5
41067	A14-1274-021	GMI14-1963	<DL	3.79	55.7	2.38	<DL	0.922	2.06	0.352	70.9
41068	A14-1274-022	GMI14-1964	<DL	3.57	53.6	2.3	<DL	0.937	2.2	0.361	70
41069	A14-1274-023	GMI14-1965	<DL	3.31	50.7	2.2	<DL	0.89	2.01	0.338	60
41070	A14-1274-024	GMI14-1966	<DL	3.05	36.6	1.77	<DL	0.879	2.04	0.342	49.6
41071	A14-1274-025	GMI14-1967	<DL	3.3	54	2.25	<DL	0.982	2.21	0.378	69.9
41072	A14-1274-026	GMI14-1968	<DL	3.76	56.2	2.57	<DL	1.02	2.46	0.385	73.1
41073	A14-1274-027	GMI14-1969	<DL	3.33	45.7	1.92	<DL	0.961	2.28	0.379	57.3
41074	A14-1274-028	GMI14-1970	<DL	49.9	26.9	2.19	<DL	0.821	8.61	0.307	64.7
41075	A14-1274-029	GMI14-1971	<DL	3.64	60.5	2.63	<DL	0.804	4.89	0.284	98.2
41076	A14-1274-030	GMI14-1972	<DL	4.4	49.6	2.12	<DL	0.954	2.09	0.376	68.8
41077	A14-1274-031	GMI14-1973	<DL	3.8	53.4	2.55	<DL	1.07	2.32	0.411	82.9
41078	A14-1274-032	GMI14-1974	<DL	3.72	54.4	2.47	<DL	1.06	2.47	0.405	81
41079	A14-1274-033	GMI14-1975	<DL	3.48	58.9	2.72	<DL	1.13	3.01	0.422	93.1
41080	A14-1274-034	GMI14-1976	<DL	4.41	50.3	3.18	<DL	1.44	3.68	0.534	110

41081	A14-1274-035	GMI14-1977	<DL	4.3	57.9	3.33	<DL	1.51	3.38	0.571	114
41082	A14-1274-036	GMI14-1978	<DL	4.08	59.8	3.61	<DL	1.64	3.66	0.611	123
41083	A14-1274-037	GMI14-1979	<DL	2.89	39.6	2.51	<DL	1.06	2.38	0.42	82.3
41084	A14-1274-038	GMI14-1980	<DL	3.6	26.8	1.1	<DL	0.729	1.9	0.293	29.3
41085	A14-1274-039	GMI14-1981	<DL	3.69	38.4	1.96	<DL	1.25	3.17	0.478	65.2
41086	A14-1275-001	GMI14-1982	<DL	4.52	42.3	2.47	<DL	1.22	3.77	0.475	80.1
41087	A14-1275-002	GMI14-1983	<DL	4.67	54.8	2.15	<DL	1	2.8	0.369	69.2
41088	A14-1275-003	GMI14-1984	<DL	2.16	8.9	<DL	<DL	0.319	1.42	0.124	10.7
41089	A14-1275-004	GMI14-1985	<DL	2.59	38.8	1.55	<DL	0.845	2.05	0.318	46.2
41090	A14-1275-005	GMI14-1986	<DL	3.04	46.4	2.32	<DL	0.998	2.46	0.377	71.3
41091	A14-1275-006	GMI14-1987	<DL	3.32	53.4	2.52	<DL	1.08	2.41	0.44	77.3
41092	A14-1275-007	GMI14-1988	<DL	3.66	59.9	2.86	<DL	1.16	2.66	0.44	93
41093	A14-1275-008	GMI14-1989	<DL	4.9	51.7	2.86	<DL	1.51	3.43	0.594	95.4
41094	A14-1275-009	GMI14-1990	<DL	5.51	57.5	3.32	<DL	1.58	3.7	0.592	112
41095	A14-1275-010	GMI14-1991	1.47	8.08	50.9	3.7	<DL	1.43	3.27	0.539	118
41096	A14-1275-011	GMI14-1992	1.22	8.41	59.6	3.55	<DL	1.67	3.57	0.63	117
41097	A14-1275-012	GMI14-1993	1.24	7.96	62.2	3.91	<DL	1.81	3.89	0.691	129
41098	A14-1275-013	GMI14-1994	1.23	5.2	59.7	3.7	<DL	1.84	3.58	0.729	123
41099	A14-1275-014	GMI14-1995	1.68	66	31	2.11	<DL	0.885	8.18	0.33	68.1
41100	A14-1275-015	GMI14-1996	2.1	21.3	39.9	3.73	<DL	0.607	4.08	0.206	137
41101	A14-1275-016	GMI14-1997	1.1	5.37	63.1	3.19	<DL	1.74	3.48	0.674	99.9
41102	A14-1275-017	GMI14-1998	<DL	7.11	60.6	2.77	<DL	1.28	2.36	0.501	85.6
41103	A14-1275-018	GMI14-1999	<DL	9.35	62.8	2.52	<DL	1.16	1.94	0.48	74.2
41104	A14-1275-019	GMI14-2000	<DL	13.1	54.3	2.16	<DL	0.959	1.92	0.363	65
41105	A14-1275-020	GMI14-2001	<DL	12.4	55.3	2.07	<DL	0.895	1.81	0.315	62.2
41106	A14-1275-021	GMI14-2002	<DL	10.4	61.2	2.33	<DL	0.959	1.84	0.367	67.8
41107	A14-1275-022	GMI14-2003	<DL	10.2	66.5	2.56	<DL	1.12	2.54	0.423	81.9
41108	A14-1275-023	GMI14-2004	<DL	11.4	55.2	2.21	<DL	0.983	2.2	0.385	67.8
41109	A14-1275-024	GMI14-2005	<DL	14.9	62.9	1.99	<DL	0.897	1.58	0.362	59.2
41110	A14-1275-025	GMI14-2006	<DL	13.5	62.2	1.86	<DL	0.746	1.47	0.28	55.8
41111	A14-1275-026	GMI14-2007	<DL	14.9	58.6	1.87	<DL	0.704	1.36	0.265	55.8
41112	A14-1275-027	GMI14-2008	<DL	16.7	61.9	1.78	<DL	0.69	1.32	0.258	55.2
41113	A14-1275-028	GMI14-2009	<DL	13	63.8	1.78	<DL	0.672	1.35	0.265	54.4
41114	A14-1275-029	GMI14-2010	<DL	10.4	61.7	1.7	<DL	0.658	1.31	0.241	47.9
41115	A14-1275-030	GMI14-2011	<DL	7.5	50.8	1.43	<DL	0.613	1.18	0.215	43.1
41116	A14-1275-031	GMI14-2012	<DL	7.73	43.9	2.9	<DL	0.703	7.05	0.235	101
41117	A14-1275-032	GMI14-2013	<DL	7.11	57	1.61	<DL	0.645	1.42	0.24	49
41118	A14-1275-033	GMI14-2014	<DL	8.04	60.3	1.66	<DL	0.601	1.22	0.218	47.7
41119	A14-1275-034	GMI14-2015	<DL	6.44	59.9	1.42	<DL	0.594	1.19	0.215	41.4
41120	A14-1275-035	GMI14-2016	<DL	7.87	60.9	1.6	<DL	0.599	1.24	0.213	45.5

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41071	A14-1274-025	GMI14-1967	<DL	3.3	54	2.25	<DL	0.982	2.21	0.378	69.9
41071	A14-1274-025	GMI14-1967 DUP	<DL	3.29	54.3	2.33	<DL	1	2.21	0.387	70.6
41094	A14-1275-009	GMI14-1990	<DL	5.51	57.5	3.32	<DL	1.58	3.7	0.592	112
41094	A14-1275-009	GMI14-1990 DUP	<DL	5.51	56.3	3.36	<DL	1.56	3.7	0.595	115
41120	A14-1275-035	GMI14-2016	<DL	7.87	60.9	1.6	<DL	0.599	1.24	0.213	45.5
41120	A14-1275-035	GMI14-2016 DUP	<DL	7.94	59.8	1.55	<DL	0.579	1.23	0.206	44.6

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	<DL				<DL	0.243			
		CRM SU-1b #2	<DL				<DL	0.245			
		CRM SU-1b #3	3.39				<DL	0.212			
		Certified Values:				2					78
		CRM RTS-3a #1				2.26					80.1
		CRM RTS-3a #2				2.24					77.8
		CRM RTS-3a #3				2.17					77.6
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1		13.9	26.2	2.18		3.25	11.8	1.61	95.9
		CRM SY-4 #2		12.2	27.8	2.2		3.14	12.8	1.58	104
		CRM SY-4 #3		16.3	27.4	1.94		2.53	9.87	1.28	94.6
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	<DL	15.5		3.61					122
		CRM LKSD-3 #2	<DL	13.7		3.65					126
		CRM LKSD-3 #3	2.36	21.2		3.6					122

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	6.01	8.91	9.61	10.2	10.1	10	10.2	9.92	9.87
		Spike #4	5.84	7.23	10.1	9.82	9.15	10.1	10.7	9.99	9.69
		Spike #7	8.78	10.3	9.54	9.84	10.1	9.61	9.52	9.7	9.57
		Spike #10	9.53	10.7	10.9	9.61	9.6	9.76	9.71	9.74	9.65



# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-026**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

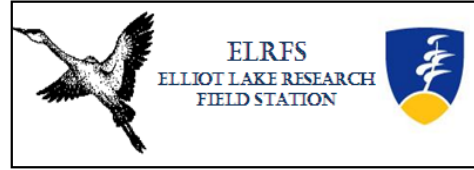
**Client Contact Information:**

Frank Dusome [frank@goodmining.com]  
Address: 1151 Stuffles Cres, Newmarket ON, L3X 0E4  
Phone: 705-529-3087 (Mobile)

**Batch: 14-1308 (38) & 14-1309 (35) & 14-1310 (22)**

**ELRFS Contact Information:**

Contact: Troy Maki [tw\_maki@laurentian.ca] or Dr. Graeme Spiers [gspiers@laurentian.ca]  
Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



**Sample Tracking:**

Date Received: 2014 11 04  
Received by: Troy Maki  
# of samples 38 + 35 + 22  
Dates Analysed/ Analyst: Nov 5, 2014 - Jan 23, 2015 / Troy Maki  
Submission Date: 2015 02 03

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40873	A14-1308-001	GMI14-2017	1.1	7.09	23.3	2.5	<DL	0.768	1.88	0.279	64.8
40874	A14-1308-002	GMI14-2018	2.14	77	<DL	2.39	<DL	0.704	8.74	0.238	70.4
40875	A14-1308-003	GMI14-2019	2.05	2.61	31.7	2.6	<DL	0.764	4.54	0.253	99.8
40876	A14-1308-004	GMI14-2020	<DL	3.01	22.5	2	<DL	0.713	1.8	0.224	61.4
40877	A14-1308-005	GMI14-2021	<DL	7.77	28.3	2.14	<DL	0.807	1.94	0.29	63.2
40878	A14-1308-006	GMI14-2022	<DL	8.84	27.8	2.14	<DL	0.816	2	0.297	64.8
40879	A14-1308-007	GMI14-2023	<DL	8.27	25.3	1.96	<DL	0.818	1.77	0.305	57.9
40880	A14-1308-008	GMI14-2024	<DL	7.3	29.6	1.97	<DL	0.86	1.86	0.309	59.9
40881	A14-1308-009	GMI14-2025	<DL	6.72	31.5	1.96	<DL	0.841	1.88	0.297	58.6
40882	A14-1308-010	GMI14-2026	<DL	5.76	30	2.29	<DL	0.849	1.89	0.328	74.8
40883	A14-1308-011	GMI14-2027	<DL	3.59	27.4	1.93	<DL	0.781	1.81	0.286	58.2
40884	A14-1308-012	GMI14-2028	<DL	3.8	29.7	1.95	<DL	0.791	1.88	0.277	58.9
40885	A14-1308-013	GMI14-2029	<DL	5.46	31.1	1.81	<DL	0.726	1.86	0.254	59.3
40886	A14-1308-014	GMI14-2030	<DL	3.88	34.5	2.04	<DL	0.772	1.83	0.257	65.7
40887	A14-1308-015	GMI14-2031	1.07	2.42	32.7	2.49	<DL	0.813	2.82	0.279	87.2
40888	A14-1308-016	GMI14-2032	1.15	2.75	33.2	2.48	<DL	0.862	4.3	0.321	82.9
40889	A14-1308-017	GMI14-2033	1.81	4.7	25.6	2.41	<DL	0.797	4.56	0.273	82.1
40890	A14-1308-018	GMI14-2034	1.69	8.59	9.87	2.27	<DL	1.19	4.6	0.493	82.5
40891	A14-1308-019	GMI14-2035	1.02	5.85	27.6	2.83	<DL	0.999	2.51	0.38	102
40892	A14-1308-020	GMI14-2036	<DL	5.26	28.3	2.5	<DL	0.91	2.4	0.345	86.6
40893	A14-1308-021	GMI14-2037	<DL	4.37	31.2	2.27	<DL	0.941	2.43	0.35	77.8
40894	A14-1308-022	GMI14-2038	<DL	3.5	32.5	2.17	<DL	0.892	1.99	0.339	74.2
40895	A14-1308-023	GMI14-2039	<DL	3.38	33.3	2.55	<DL	1.08	2.37	0.394	86.6
40896	A14-1308-024	GMI14-2040	<DL	4.65	38.8	2.45	<DL	1.01	2.23	0.368	82.9
40897	A14-1308-025	GMI14-2041	<DL	5.81	32.7	2.28	<DL	0.927	2.02	0.354	77.5
40898	A14-1308-026	GMI14-2042	1.14	5.14	29.3	2.51	<DL	0.873	1.92	0.328	76.3
40899	A14-1308-027	GMI14-2043	2.12	75.3	0.743	2.35	<DL	0.756	8	0.271	71.3
40900	A14-1308-028	GMI14-2044	2.53	23	13.4	3.89	<DL	0.629	4.32	0.203	144
40901	A14-1308-029	GMI14-2045	<DL	7.29	30.5	2.32	<DL	0.941	2.19	0.336	75.8
40902	A14-1308-030	GMI14-2046	<DL	5.88	35.3	2.03	<DL	0.851	1.88	0.316	68.6
40903	A14-1308-031	GMI14-2047	<DL	5.99	34.8	1.98	<DL	0.826	1.78	0.306	62
40904	A14-1308-032	GMI14-2048	<DL	5.17	33.2	1.81	<DL	0.703	1.62	0.262	56.3
40905	A14-1308-033	GMI14-2049	<DL	5.8	34.8	1.95	<DL	0.72	1.63	0.261	63
40906	A14-1308-034	GMI14-2050	<DL	5.6	34.1	1.84	<DL	0.705	1.56	0.253	58.4
40907	A14-1308-035	GMI14-2051	<DL	6.93	30.7	1.87	<DL	0.735	1.57	0.272	59.6

40908	A14-1308-036	GMI14-2052	<DL	4.75	23.7	1.72	<DL	0.685	1.51	0.231	55.9
40909	A14-1308-037	GMI14-2053	<DL	3.18	30.7	2.11	<DL	0.576	1.65	0.171	70.5
40910	A14-1308-038	GMI14-2054	<DL	3.89	35.4	2.13	<DL	0.585	1.71	0.175	71.1
40911	A14-1309-001	GMI14-2055	10.6	7.23	35.8	1.97	<DL	0.666	1.48	0.258	63.8
40912	A14-1309-002	GMI14-2056	4.15	9.41	33.2	1.9	<DL	0.687	1.88	0.243	59.4
40913	A14-1309-003	GMI14-2057	4.33	8.89	36	2.02	<DL	0.711	1.51	0.243	66.4
40914	A14-1309-004	GMI14-2058	3.39	9.22	36.8	1.99	<DL	0.685	1.49	0.251	66.7
40915	A14-1309-005	GMI14-2059	2.12	6.96	38.1	2.1	<DL	0.727	1.57	0.273	72.1
40916	A14-1309-006	GMI14-2060	1.61	8.73	40.9	2.21	<DL	0.799	1.66	0.309	75.2
40917	A14-1309-007	GMI14-2061	1.38	10.1	40.9	2.22	<DL	0.767	1.67	0.286	75.1
40918	A14-1309-008	GMI14-2062	1.05	11.8	39.6	2.12	<DL	0.84	1.66	0.327	73.1
40919	A14-1309-009	GMI14-2063	<DL	7.21	31	1.76	<DL	0.774	1.44	0.307	55.8
40920	A14-1309-010	GMI14-2064	1.24	10.6	43.7	2.26	<DL	0.801	1.63	0.302	73.4
40921	A14-1309-011	GMI14-2065	1	10.1	46.5	2.19	<DL	0.781	1.65	0.307	74.3
40922	A14-1309-012	GMI14-2066	<DL	10.4	46.2	2.18	<DL	0.827	1.58	0.324	75.3
40923	A14-1309-013	GMI14-2067	1.41	5.42	29.3	2.42	<DL	0.569	1.43	0.207	68.8
40924	A14-1309-014	GMI14-2068	2.38	88	0.252	2.25	<DL	0.57	7.38	0.2	67.2
40925	A14-1309-015	GMI14-2069	2.11	3.07	33.6	2.54	<DL	0.613	4.25	0.207	93.7
40926	A14-1309-016	GMI14-2070	<DL	3.91	27.6	1.95	<DL	0.606	1.44	0.217	64.7
40927	A14-1309-017	GMI14-2071	1.09	6.47	32.5	2	<DL	0.551	1.41	0.202	63.9
40928	A14-1309-018	GMI14-2072	<DL	5.37	25.3	1.98	<DL	0.588	1.52	0.209	62.9
40929	A14-1309-019	GMI14-2073	<DL	5.71	29.4	1.91	<DL	0.57	1.44	0.209	60.3
40930	A14-1309-020	GMI14-2074	1.09	8.43	35.8	2.2	<DL	0.648	1.62	0.24	72.6
40931	A14-1309-021	GMI14-2075	<DL	5.33	31.6	1.61	<DL	0.569	1.71	0.206	49
40932	A14-1309-022	GMI14-2076	<DL	5.18	38.7	1.87	<DL	0.671	1.99	0.252	56.7
40933	A14-1309-023	GMI14-2077	<DL	5.17	38.4	2	<DL	0.644	1.66	0.236	61.9
40934	A14-1309-024	GMI14-2078	<DL	7.32	37.3	1.99	<DL	0.682	1.92	0.247	62.2
40935	A14-1309-025	GMI14-2079	<DL	5.39	31.5	1.95	<DL	0.608	1.77	0.193	58.8
40936	A14-1309-026	GMI14-2080	<DL	6.51	30.5	1.51	<DL	0.621	1.65	0.219	43.2
40937	A14-1309-027	GMI14-2081	<DL	3.89	30.6	1.41	<DL	0.648	1.65	0.256	40.6
40938	A14-1309-028	GMI14-2082	<DL	5.16	36.5	1.53	<DL	0.624	1.73	0.213	37.8
40939	A14-1309-029	GMI14-2083	<DL	5.29	34.6	1.5	<DL	0.659	1.8	0.224	38.8
40940	A14-1309-030	GMI14-2084	<DL	5.13	30.6	1.57	<DL	0.704	1.71	0.262	45.2
40941	A14-1309-031	GMI14-2085	<DL	6.89	33.9	1.62	<DL	0.711	1.82	0.245	46.2
40942	A14-1309-032	GMI14-2086	<DL	6.29	38.2	1.67	<DL	0.744	1.76	0.264	49.2
40943	A14-1309-033	GMI14-2087	<DL	5.71	39.8	1.62	<DL	0.669	1.73	0.248	44.9
40944	A14-1309-034	GMI14-2088	<DL	5.03	44.5	1.7	<DL	0.627	1.68	0.226	47.5
40945	A14-1309-035	GMI14-2089	<DL	4.7	48.6	1.94	<DL	0.65	1.72	0.227	60.1
40982	A14-1310-001	GMI14-2090	1.37	2.31	38.8	3.16	<DL	1.03	2.88	0.367	105
40983	A14-1310-002	GMI14-2091	1.5	3.91	45.9	3.76	<DL	0.978	2.96	0.355	130
40984	A14-1310-003	GMI14-2092	1.61	3.02	56.2	3.24	<DL	0.981	2.92	0.366	104
40985	A14-1310-004	GMI14-2093	1.53	3.7	59.7	3.58	<DL	1.09	3.16	0.397	124
40986	A14-1310-005	GMI14-2094	1.34	4.29	57.6	2.71	<DL	0.893	2.41	0.354	90.6
40987	A14-1310-006	GMI14-2095	1.52	2.92	45.2	3.36	<DL	1.05	2.72	0.396	112
40988	A14-1310-007	GMI14-2096	1.42	3.35	51.9	2.56	<DL	0.852	3.13	0.32	84.2
40989	A14-1310-008	GMI14-2097	1.24	3.44	47.1	2.22	<DL	1.11	5.3	0.409	70.1
40990	A14-1310-009	GMI14-2098	1.08	4.94	41.8	1.66	<DL	0.879	3.48	0.382	47.7
40991	A14-1310-010	GMI14-2099	1.37	4.01	48.6	2.56	<DL	1.46	9.92	0.509	82.8
40992	A14-1310-011	GMI14-2100	1.24	4.23	41.1	2.8	<DL	0.835	1.77	0.357	97.2
40993	A14-1310-012	GMI14-2101	1.19	3.76	61.1	2.32	<DL	0.687	1.98	0.247	73.8
40994	A14-1310-013	GMI14-2102	1.59	2.97	43.7	2.99	<DL	0.873	1.82	0.352	104
40995	A14-1310-014	GMI14-2103	1.42	2.65	39.6	2.22	<DL	0.915	1.44	0.369	70.7
40996	A14-1310-015	GMI14-2104	<DL	<DL	24.3	<DL	<DL	0.043	0.102	<DL	3.57
40997	A14-1310-016	GMI14-2105	1.42	2.84	50.5	2.78	<DL	1.15	2.44	0.453	89.5
40998	A14-1310-017	GMI14-2106	1.85	2.22	57.6	2.8	<DL	0.987	2.39	0.373	95.2
40999	A14-1310-018	GMI14-2107	1.55	4.46	73.3	3.16	<DL	1.01	2.8	0.353	107
41000	A14-1310-019	GMI14-2108	1.35	2.46	72.8	2.48	<DL	1	2.73	0.342	73.7
40833	A14-1310-020	GMI14-2109	1.22	3.61	66.5	2.23	<DL	0.933	2.62	0.308	62.7
40834	A14-1310-021	GMI14-2110	1.03	5.06	69.4	1.89	<DL	0.776	2.42	0.241	50.2
40835	A14-1310-022	GMI14-2111	<DL	7.11	71.7	1.57	<DL	0.549	1.81	0.178	39.3

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
40897	A14-1308-025	GMI14-2041	<DL	5.81	32.7	2.28	<DL	0.927	2.02	0.354	77.5
40897	A14-1308-025	GMI14-2041 DUP	<DL	5.02	31.9	2.15	<DL	0.885	1.97	0.332	73.2
40922	A14-1309-012	GMI14-2066	<DL	10.4	46.2	2.18	<DL	0.827	1.58	0.324	75.3
40922	A14-1309-012	GMI14-2066 DUP	<DL	10.4	43.6	2.11	<DL	0.809	1.56	0.321	71.9
40983	A14-1310-002	GMI14-2091	1.5	3.91	45.9	3.76	<DL	0.978	2.96	0.355	130
40983	A14-1310-002	GMI14-2091 DUP	1.46	3.89	46.9	3.74	<DL	1.07	3.09	0.383	128
40835	A14-1310-022	GMI14-2111	<DL	7.11	71.7	1.57	<DL	0.549	1.81	0.178	39.3
40835	A14-1310-022	GMI14-2111 DUP	<DL	8.64	72.7	1.59	<DL	0.532	1.81	0.188	40.2

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	3.84				<DL	0.24			
		CRM SU-1b #2	3.86				<DL	0.209			
		CRM SU-1b #3	3.76				<DL	0.188			
		CRM SU-1b #4	3.53				<DL	0.187			
		Certified Values:				2					78
		CRM RTS-3a #1				2.25					80.4
		CRM RTS-3a #2				2.12					78.4
		CRM RTS-3a #3				2.09					76.3
		CRM RTS-3a #4				2.11					77.8
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1	14.8	<DL	2.12		2.9	11.3	1.48		105
		CRM SY-4 #2	13.8	4.15	1.76		1.89	8.18	0.914		84.4
		CRM SY-4 #3	15.4	11.4	1.78		1.87	8.08	0.89		86.9
		CRM SY-4 #4	14.4	25.3	1.82		1.77	7.79	0.841		85.4
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	2.44	19		3.66					127
		CRM LKSD-3 #2	2.63	19.3		3.59					126
		CRM LKSD-3 #3	2.59	20.1		3.6					126
		CRM LKSD-3 #4	2.61	18.9		3.52					123

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	8.94	10.3	10	10.3	10.2	10.1	10.4	10.2	10.1
		Spike #4	10.4	9.99	13.3	10.1	9.49	10.2	10.4	10.2	10
		Spike #7	8.98	10.8	10.5	9.98	10.4	9.93	9.96	9.89	9.83
		Spike #10	9.92	10.7	45	10.1	9.72	9.89	9.77	9.83	9.73

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-027**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

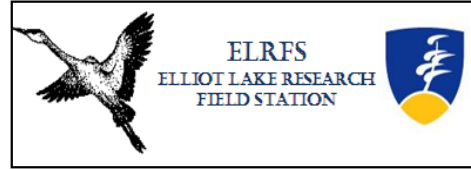
## Client Contact Information:

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**Batch: 14-1426 (52) & 14-1427 (51)**

## ELRFS Contact Information:

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Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



## Sample Tracking:

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 52 + 51  
Dates Analysed/ Analyst: Dec 11, 2014 - Feb 8, 2015 / Troy Maki  
Submission Date: 2015 02 16

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41121	A14-1426-001	GMI14-2112	1.37	4.85	14.3	3.92	<DL	1.76	3.32	0.753	128
41122	A14-1426-002	GMI14-2113	1.09	2.92	7.44	3.32	<DL	1.48	2.88	0.632	109
41123	A14-1426-003	GMI14-2114	1.2	1.6	14.1	3.7	<DL	1.62	3.2	0.685	122
41124	A14-1426-004	GMI14-2115	1.01	8.24	<DL	2.1	<DL	0.767	7.82	0.289	55
41125	A14-1426-005	GMI14-2116	1.63	1.27	28.9	2.5	<DL	0.951	4.81	0.359	98.3
41126	A14-1426-006	GMI14-2117	1.03	4.19	12.2	3.21	<DL	1.53	3.41	0.673	106
41127	A14-1426-007	GMI14-2118	<DL	2.39	18.6	2.06	<DL	1.19	2.2	0.522	59
41128	A14-1426-008	GMI14-2119	<DL	2.46	28.6	2.16	<DL	1.51	2.41	0.63	61.1
41129	A14-1426-009	GMI14-2120	<DL	4.26	22.6	1.93	<DL	1.14	2.31	0.476	54.1
41130	A14-1426-010	GMI14-2121	<DL	3.63	22.5	1.78	<DL	1.02	1.97	0.442	48.5
41131	A14-1426-011	GMI14-2122	<DL	6.25	26	1.77	<DL	1	1.94	0.426	49.9
41132	A14-1426-012	GMI14-2123	<DL	6.29	26.4	1.81	<DL	0.993	1.97	0.413	53
41133	A14-1426-013	GMI14-2124	<DL	5.92	16.5	1.71	<DL	0.923	1.82	0.375	47.3
41134	A14-1426-014	GMI14-2125	<DL	8.3	23.8	1.62	<DL	0.976	1.88	0.399	48.9
41135	A14-1426-015	GMI14-2126	<DL	4.96	23.6	1.76	<DL	0.98	1.95	0.399	52.4
41136	A14-1426-016	GMI14-2127	<DL	7.46	24.7	1.61	<DL	0.921	1.8	0.375	52.1
41137	A14-1426-017	GMI14-2128	<DL	6.02	24.7	1.56	<DL	0.831	1.72	0.333	46
41138	A14-1426-018	GMI14-2129	<DL	5.72	21.7	1.67	<DL	0.979	1.87	0.399	43.6
41139	A14-1426-019	GMI14-2130	<DL	5.58	24.2	1.5	<DL	1.03	1.82	0.425	39.1
41140	A14-1426-020	GMI14-2131	<DL	5.72	28	1.52	<DL	0.842	1.73	0.344	43
41141	A14-1426-021	GMI14-2132	<DL	5.61	21.9	1.5	<DL	0.882	1.82	0.344	41.7
41142	A14-1426-022	GMI14-2133	<DL	6.08	19.6	1.81	<DL	0.979	2.17	0.402	54.1
41143	A14-1426-023	GMI14-2134	<DL	5.32	22.3	1.91	<DL	0.992	2.23	0.397	58.9
41144	A14-1426-024	GMI14-2135	<DL	5.34	23.7	1.35	<DL	0.741	1.65	0.288	37.6
41145	A14-1426-025	GMI14-2136	<DL	5.36	20.8	1.64	<DL	0.961	1.98	0.378	47.9
41146	A14-1426-026	GMI14-2137	<DL	3.92	18.7	2.34	<DL	1.05	2.27	0.408	75.2
41147	A14-1426-027	GMI14-2138	<DL	5.94	25.5	1.28	<DL	0.734	1.49	0.301	35.9
41148	A14-1426-028	GMI14-2139	<DL	6.22	24.4	1.29	<DL	0.773	1.44	0.31	36
41149	A14-1426-029	GMI14-2140	1.02	9.45	<DL	1.75	<DL	0.679	9.39	0.229	43.8
41150	A14-1426-030	GMI14-2141	1.84	11.9	8.13	3.27	<DL	0.662	4.4	0.232	130
41151	A14-1426-031	GMI14-2142	<DL	4.01	26.9	1.26	<DL	0.764	1.57	0.307	34.6
41152	A14-1426-032	GMI14-2143	<DL	4.64	27.1	1.42	<DL	0.818	1.66	0.333	43
41153	A14-1426-033	GMI14-2144	<DL	5.33	24.8	1.59	<DL	0.888	1.85	0.348	47.3
41154	A14-1426-034	GMI14-2145	<DL	3.39	26.8	1.33	<DL	0.686	1.37	0.267	37.7
41155	A14-1426-035	GMI14-2146	<DL	4.87	25.6	1.26	<DL	0.752	1.52	0.305	37.6

41156	A14-1426-036	GMI14-2147	<DL	4.01	25.3	1.29	<DL	0.741	1.5	0.298	39.3
41157	A14-1426-037	GMI14-2148	<DL	3.26	28.7	1.32	<DL	0.744	1.5	0.292	37.5
41158	A14-1426-038	GMI14-2149	<DL	4.25	29.6	1.29	<DL	0.705	1.5	0.284	33.7
41159	A14-1426-039	GMI14-2150	<DL	3.38	27.9	1.27	<DL	0.78	1.51	0.34	35.5
41160	A14-1426-040	GMI14-2151	<DL	3.33	33.7	1.16	<DL	0.72	1.44	0.271	26.2
41161	A14-1426-041	GMI14-2152	<DL	2.54	27.6	1.03	<DL	0.524	1.13	0.21	27.7
41162	A14-1426-042	GMI14-2153	<DL	2.44	29.6	1.31	<DL	0.652	1.26	0.261	41.7
41163	A14-1426-043	GMI14-2154	<DL	4.2	31.3	1.18	<DL	0.706	1.38	0.294	30.9
41164	A14-1426-044	GMI14-2155	<DL	3.19	35.9	1.25	<DL	0.725	1.51	0.296	32.2
41165	A14-1426-045	GMI14-2156	<DL	3.84	35.8	1.26	<DL	0.707	1.4	0.298	33.9
41166	A14-1426-046	GMI14-2157	<DL	4.32	34.1	1.29	<DL	0.681	1.38	0.283	35.1
41167	A14-1426-047	GMI14-2158	<DL	4.53	37.1	1.22	<DL	0.695	1.37	0.292	33.7
41168	A14-1426-048	GMI14-2159	<DL	3.58	42.3	1.17	<DL	0.697	1.43	0.274	34.5
41169	A14-1426-049	GMI14-2160	<DL	4.53	36.9	1.15	<DL	0.688	1.33	0.282	32.9
41170	A14-1426-050	GMI14-2161	<DL	4.93	38.9	1.3	<DL	0.795	1.54	0.328	34.3
41171	A14-1426-051	GMI14-2162	<DL	4.27	37.9	1.33	<DL	0.685	1.39	0.294	35.2
41172	A14-1426-052	GMI14-2163	<DL	1.83	40.4	1.33	<DL	0.622	1.32	0.235	40.9
41173	A14-1427-001	GMI14-2164	<DL	4.58	32.6	1.57	<DL	0.726	1.31	0.299	36.8
41174	A14-1427-002	GMI14-2165	1.33	14.3	<DL	1.85	<DL	0.757	10.2	0.288	44.3
41175	A14-1427-003	GMI14-2166	1.95	4.02	34.5	2.6	<DL	0.919	4.47	0.32	99.7
41176	A14-1427-004	GMI14-2167	<DL	7.28	31.5	1.45	<DL	0.768	1.51	0.325	36.5
41177	A14-1427-005	GMI14-2168	<DL	6.38	30.5	1.31	<DL	0.644	1.26	0.269	34.7
41178	A14-1427-006	GMI14-2169	<DL	5.16	34.9	1.3	<DL	0.652	1.21	0.256	32.9
41179	A14-1427-007	GMI14-2170	<DL	8.36	36.8	1.36	<DL	0.73	1.46	0.285	34
41180	A14-1427-008	GMI14-2171	<DL	6.85	40.7	1.26	<DL	0.646	1.24	0.259	33.5
41181	A14-1427-009	GMI14-2172	<DL	6.52	42.6	1.29	<DL	0.645	1.32	0.262	31.6
41182	A14-1427-010	GMI14-2173	<DL	7.84	45.3	1.39	<DL	0.723	1.39	0.295	33.3
41183	A14-1427-011	GMI14-2174	<DL	8.6	48.1	1.31	<DL	0.722	1.35	0.311	31.9
41184	A14-1427-012	GMI14-2175	<DL	8.11	42.7	1.3	<DL	0.732	1.38	0.299	33.1
41185	A14-1427-013	GMI14-2176	<DL	9.18	50	1.37	<DL	0.687	1.32	0.292	31.8
41186	A14-1427-014	GMI14-2177	<DL	8.15	44.6	1.3	<DL	0.667	1.21	0.278	33.7
41187	A14-1427-015	GMI14-2178	<DL	9.06	55.8	1.43	<DL	0.807	1.39	0.326	36.5
41188	A14-1427-016	GMI14-2179	<DL	10.6	45.9	1.29	<DL	0.597	1.32	0.229	34.3
41189	A14-1427-017	GMI14-2180	<DL	11.2	49.5	1.31	<DL	0.574	1.34	0.217	34.3
41190	A14-1427-018	GMI14-2181	<DL	9.41	49.8	1.44	<DL	0.681	1.34	0.277	36.1
41191	A14-1427-019	GMI14-2182	<DL	11.1	52.6	1.33	<DL	0.725	1.43	0.289	32.6
41192	A14-1427-020	GMI14-2183	<DL	9.76	48.6	1.24	<DL	0.659	1.32	0.256	29.9
41193	A14-1427-021	GMI14-2184	<DL	8.03	55.3	1.25	<DL	0.695	1.35	0.277	32.2
41194	A14-1427-022	GMI14-2185	<DL	8.26	53.8	1.25	<DL	0.706	1.31	0.292	31
41195	A14-1427-023	GMI14-2186	<DL	7.1	54.2	1.16	<DL	0.696	1.36	0.28	28.2
41196	A14-1427-024	GMI14-2187	<DL	7.64	44.5	1.26	<DL	0.642	1.25	0.265	30.8
41197	A14-1427-025	GMI14-2188	<DL	11.5	44	1.43	<DL	0.755	1.46	0.305	37.5
41198	A14-1427-026	GMI14-2189	<DL	9.89	49	1.77	<DL	0.789	1.56	0.333	39.9
41199	A14-1427-027	GMI14-2190	1.31	17.7	20.9	1.67	<DL	0.781	12.8	0.275	40.5
41200	A14-1427-028	GMI14-2191	2.42	29.4	33.4	3.74	<DL	0.635	4.14	0.233	136
41201	A14-1427-029	GMI14-2192	<DL	10.8	40.6	1.39	<DL	0.703	2.07	0.265	37.9
41202	A14-1427-030	GMI14-2193	<DL	9.9	39.9	1.38	<DL	0.631	1.58	0.235	37.8
41203	A14-1427-031	GMI14-2194	<DL	9.44	43.7	1.44	<DL	0.72	1.67	0.288	39.4
41204	A14-1427-032	GMI14-2195	<DL	12.6	44.1	1.37	<DL	0.662	1.57	0.275	38.4
41205	A14-1427-033	GMI14-2196	<DL	10.6	48.1	1.47	<DL	0.598	1.53	0.227	41
41206	A14-1427-034	GMI14-2197	<DL	9.38	47.7	1.34	<DL	0.552	1.41	0.205	36.7
41207	A14-1427-035	GMI14-2198	<DL	8.54	51.8	1.46	<DL	0.604	1.62	0.236	44.7
41208	A14-1427-036	GMI14-2199	<DL	10.7	51.1	1.38	<DL	0.712	1.88	0.281	35.8
41209	A14-1427-037	GMI14-2200	<DL	10.5	49.8	1.79	<DL	0.801	2.02	0.308	55.9
41210	A14-1427-038	GMI14-2201	<DL	9.28	51.1	1.76	<DL	0.806	1.76	0.324	45.3
41211	A14-1427-039	GMI14-2202	<DL	12.7	54	1.77	<DL	0.867	2.33	0.337	47.9
41212	A14-1427-040	GMI14-2203	<DL	10.7	54.9	2.17	<DL	0.965	2.26	0.392	60.6
41213	A14-1427-041	GMI14-2204	<DL	11.6	56.5	2.06	<DL	0.97	2.11	0.39	54.5
41214	A14-1427-042	GMI14-2205	<DL	9.78	58.9	2.01	<DL	0.933	2.04	0.364	51.7
41215	A14-1427-043	GMI14-2206	<DL	9.2	61.7	2.17	<DL	0.927	2.11	0.353	60.2

41216	A14-1427-044	GMI14-2207	<DL	8.25	54.6	2.26	<DL	1.01	1.96	0.427	67.2
41217	A14-1427-045	GMI14-2208	<DL	8.2	57.5	2.14	<DL	0.997	2.01	0.413	63.9
41218	A14-1427-046	GMI14-2209	<DL	10.7	69.1	1.96	<DL	0.881	2.17	0.328	53.5
41219	A14-1427-047	GMI14-2210	<DL	16.5	64.9	1.84	<DL	1	2.91	0.376	47
41220	A14-1427-048	GMI14-2211	<DL	13.4	70.4	1.94	<DL	0.844	2.05	0.338	50.7
41221	A14-1427-049	GMI14-2212	<DL	9.04	68	1.91	<DL	0.921	1.91	0.382	50.2
41222	A14-1427-050	GMI14-2213	<DL	9.77	74.2	1.94	<DL	0.967	2.1	0.375	49.2
41223	A14-1427-051	GMI14-2214	<DL	13.2	73.2	1.93	<DL	0.985	2.14	0.379	47.8

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41145	A14-1426-025	GMI14-2136	<DL	5.36	20.8	1.64	<DL	0.961	1.98	0.378	47.9
41145	A14-1426-025	GMI14-2136 DUP	<DL	5.35	22.1	1.73	<DL	0.989	2.07	0.414	49.5
41172	A14-1426-052	GMI14-2163	<DL	1.83	40.4	1.33	<DL	0.622	1.32	0.235	40.9
41172	A14-1426-052	GMI14-2163 DUP	<DL	1.61	39.4	1.31	<DL	0.59	1.29	0.243	41.3
41197	A14-1427-025	GMI14-2188	<DL	11.5	44	1.43	<DL	0.755	1.46	0.305	37.5
41197	A14-1427-025	GMI14-2188 DUP	<DL	11.1	41.7	1.41	<DL	0.69	1.41	0.273	36.9
41223	A14-1427-051	GMI14-2214	<DL	13.2	73.2	1.93	<DL	0.985	2.14	0.379	47.8
41223	A14-1427-051	GMI14-2214 DUP	<DL	12.4	71.4	1.66	<DL	0.86	2.07	0.345	43.7

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	3.93				<DL	0.24			
		CRM SU-1b #2	3.73				<DL	0.227			
		CRM SU-1b #3	4.32				<DL	0.257			
		CRM SU-1b #4	4.61				<DL	0.257			
		Certified Values:				2					78
		CRM RTS-3a #1				2.01					76.6
		CRM RTS-3a #2				1.92					74.7
		CRM RTS-3a #3				2.15					77.5
		CRM RTS-3a #4				2.14					79.7
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1	9.78	<DL	2.14		4.03	14.1	2.03	108	
		CRM SY-4 #2	7.42	1.44	2.08		3.94	14	2	107	
		CRM SY-4 #3	16.6	19.2	2.34		4.15	13.5	2.12	112	
		CRM SY-4 #4	19.5	43.5	2.16		3.26	11.5	1.66	104	
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	2.22	11.5		3.3					119
		CRM LKSD-3 #2	2.18	9.81		3.2					120
		CRM LKSD-3 #3	2.75	21.9		3.56					126
		CRM LKSD-3 #4	2.79	24.8		3.81					131

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	8.63	9.14	9.64	9.5	10.4	9.77	9.89	9.75	9.79
		Spike #4	8.46	5.4	11.5	8.78	10.1	9.49	10.2	9.23	9.2
		Spike #7	9.5	10.4	13.4	9.78	10.4	9.69	9.66	9.61	9.85
		Spike #10	10.1	11	27.6	9.6	9.57	9.74	9.74	9.73	9.76

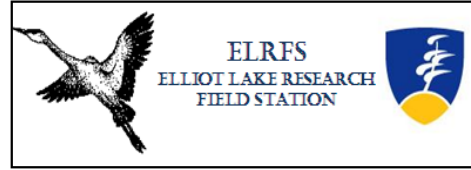
# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-028**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

**Client Contact Information:**

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Phone: 705-529-3087 (Mobile)



**Batch: 14-1428 (50) & 14-1464 (52)**

**ELRFS Contact Information:**

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Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)

**Sample Tracking:**

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 50 + 52  
Dates Analysed/ Analyst: Dec 11, 2014 - Feb 9, 2015 / Troy Maki  
Submission Date: 2015 02 16

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41224	A14-1428-001	GMI14-2215	1.29	9.53	22.1	2.18	<DL	0.662	12.6	0.234	44.8
41225	A14-1428-002	GMI14-2216	1.9	3.85	67	2.88	<DL	0.982	5.13	0.352	104
41226	A14-1428-003	GMI14-2217	<DL	8.21	53.2	2.28	<DL	1.18	3.23	0.466	55.9
41227	A14-1428-004	GMI14-2218	<DL	8.93	53.8	2.2	<DL	1.1	2.38	0.427	51.8
41228	A14-1428-005	GMI14-2219	<DL	11.8	57.8	2.26	<DL	1.1	2.54	0.413	56.8
41229	A14-1428-006	GMI14-2220	<DL	13.1	56.4	2.32	<DL	1.17	2.68	0.441	54
41230	A14-1428-007	GMI14-2221	<DL	11.9	55.3	2.45	<DL	1.13	2.63	0.445	61.7
41231	A14-1428-008	GMI14-2222	<DL	11.7	59.2	2.29	<DL	1.15	2.41	0.439	57.8
41232	A14-1428-009	GMI14-2223	<DL	10.7	56.4	2.07	<DL	1.06	2.31	0.413	55.3
41233	A14-1428-010	GMI14-2224	<DL	11.1	57.9	2.17	<DL	1.19	2.32	0.463	55.7
41234	A14-1428-011	GMI14-2225	<DL	8.65	56.6	2.06	<DL	1.07	2.38	0.421	44.9
41235	A14-1428-012	GMI14-2226	<DL	12.7	50.2	1.91	<DL	0.949	2.39	0.358	45.8
41236	A14-1428-013	GMI14-2227	<DL	7.44	66.2	1.95	<DL	0.951	2.02	0.365	44.6
41237	A14-1428-014	GMI14-2228	<DL	9.99	55.7	1.93	<DL	0.912	2.28	0.314	43.6
41238	A14-1428-015	GMI14-2229	<DL	10.1	47.9	1.68	<DL	0.875	2.91	0.304	33
41239	A14-1428-016	GMI14-2230	<DL	9.22	53.6	2.01	<DL	1.03	2.59	0.368	41.9
41240	A14-1428-017	GMI14-2231	<DL	7.88	51.1	2.02	<DL	0.892	2.09	0.325	49.9
41241	A14-1428-018	GMI14-2232	<DL	7.71	54.4	1.95	<DL	0.813	2.14	0.291	44.5
41242	A14-1428-019	GMI14-2233	<DL	7.97	57.1	2.17	<DL	0.958	2.25	0.339	51.4
41243	A14-1428-020	GMI14-2234	<DL	7.49	53.7	1.93	<DL	0.804	2.04	0.288	42.9
41244	A14-1428-021	GMI14-2235	<DL	7.6	61.6	1.78	<DL	0.801	2.39	0.262	40
41245	A14-1428-022	GMI14-2236	<DL	7.77	52.5	1.78	<DL	0.792	1.71	0.268	42.7
41246	A14-1428-023	GMI14-2237	<DL	8.52	55.3	1.83	<DL	0.848	2.29	0.29	37.1
41247	A14-1428-024	GMI14-2238	<DL	7.57	50	1.56	<DL	0.832	2.5	0.3	34.5
41248	A14-1428-025	GMI14-2239	<DL	7.1	56.7	2.01	<DL	1.01	2.4	0.378	47.7
41249	A14-1428-026	GMI14-2240	1.26	9.01	21.7	1.77	<DL	0.683	14.3	0.247	34.9
41250	A14-1428-027	GMI14-2241	2.21	18.6	42	3.87	<DL	0.705	4.46	0.234	136
41501	A14-1428-028	GMI14-2242	<DL	7.9	54.3	1.94	<DL	1.03	2.67	0.388	43.9
41502	A14-1428-029	GMI14-2243	<DL	7.14	57.4	1.94	<DL	1.06	2.76	0.393	49.7
41503	A14-1428-030	GMI14-2244	<DL	6.65	57.3	2.05	<DL	1.01	2.5	0.379	46.3
41504	A14-1428-031	GMI14-2245	<DL	8.32	54.4	2.05	<DL	0.777	1.95	0.28	47.5
41505	A14-1428-032	GMI14-2246	<DL	11.4	55.5	1.68	<DL	0.795	1.93	0.275	39.9
41506	A14-1428-033	GMI14-2247	<DL	12	54.8	1.75	<DL	0.813	2.11	0.305	39.1
41507	A14-1428-034	GMI14-2248	<DL	8.22	65.9	1.95	<DL	1.01	2.53	0.372	41.3
41508	A14-1428-035	GMI14-2249	<DL	6.82	66.8	1.89	<DL	1.02	2.58	0.379	37.3



41509	A14-1428-036	GMI14-2250	<DL	10.1	62.5	1.72	<DL	0.933	2.37	0.35	36.3
41510	A14-1428-037	GMI14-2251	<DL	8.03	60.2	1.73	<DL	0.966	2.42	0.371	30.8
41511	A14-1428-038	GMI14-2252	<DL	7.89	65.5	1.84	<DL	0.91	2.36	0.323	35
41512	A14-1428-039	GMI14-2253	<DL	6.06	58.7	1.81	<DL	0.965	2.34	0.34	37.3
41513	A14-1428-040	GMI14-2254	<DL	7.25	61.2	1.94	<DL	0.956	2.29	0.36	45.8
41514	A14-1428-041	GMI14-2255	<DL	9.18	63.1	2.17	<DL	1.05	2.46	0.398	48.9
41515	A14-1428-042	GMI14-2256	<DL	9.27	56.9	2.14	<DL	1.06	2.42	0.382	49.6
41516	A14-1428-043	GMI14-2257	<DL	7.38	58.2	2.04	<DL	1.04	2.36	0.402	49.7
41517	A14-1428-044	GMI14-2258	<DL	7.71	54.2	2.02	<DL	1.07	2.42	0.428	48.8
41518	A14-1428-045	GMI14-2259	<DL	7.46	64.5	1.85	<DL	1.05	2.7	0.393	42.1
41519	A14-1428-046	GMI14-2260	<DL	6.6	59.7	1.92	<DL	0.956	2.73	0.349	45
41520	A14-1428-047	GMI14-2261	<DL	6.59	54	1.89	<DL	0.932	2.65	0.328	44.8
41521	A14-1428-048	GMI14-2262	<DL	5.7	57.3	2	<DL	0.923	2.41	0.337	48.2
41522	A14-1428-049	GMI14-2263	<DL	4.27	57.8	1.76	<DL	0.858	2.19	0.309	43.7
41523	A14-1428-050	GMI14-2264	<DL	4.35	56.6	1.8	<DL	0.884	2.19	0.318	46.4
41576	A14-1464-001	GMI14-2265	1.33	7.98	61.6	1.72	<DL	0.759	1.78	0.287	38.8
41577	A14-1464-002	GMI14-2266	2	3.22	53.2	1.73	<DL	0.779	1.77	0.295	44.6
41578	A14-1464-003	GMI14-2267	1.28	5.83	64.6	1.9	<DL	0.912	2.4	0.324	45.8
41579	A14-1464-004	GMI14-2268	<DL	7.73	65.2	1.91	<DL	0.847	2.27	0.314	45.5
41580	A14-1464-005	GMI14-2269	<DL	7.99	58.4	1.87	<DL	0.83	2.49	0.3	48
41581	A14-1464-006	GMI14-2270	<DL	7.93	59.7	1.82	<DL	0.919	2.19	0.354	44.7
41582	A14-1464-007	GMI14-2271	<DL	4.41	58.7	1.84	<DL	0.877	1.99	0.339	46.3
41583	A14-1464-008	GMI14-2272	<DL	7.28	56.4	1.75	<DL	0.763	1.66	0.28	45.6
41584	A14-1464-009	GMI14-2273	<DL	6.63	53.8	1.86	<DL	0.901	1.93	0.358	50.8
41585	A14-1464-010	GMI14-2274	<DL	5.19	57.6	1.76	<DL	0.907	2.02	0.352	45
41586	A14-1464-011	GMI14-2275	1.19	11.5	36.7	3.15	<DL	0.522	7.97	0.172	121
41587	A14-1464-012	GMI14-2276	1.17	8.13	32.7	3.39	<DL	0.513	8.37	0.174	133
41588	A14-1464-013	GMI14-2277	<DL	3.92	58.1	1.85	<DL	0.869	2.09	0.341	50.9
41589	A14-1464-014	GMI14-2278	<DL	4.61	66.3	1.75	<DL	0.94	2.09	0.351	47.2
41590	A14-1464-015	GMI14-2279	<DL	5.1	62.6	1.82	<DL	0.95	2.13	0.363	47.6
41591	A14-1464-016	GMI14-2280	<DL	5.34	62.6	1.83	<DL	0.942	2.11	0.373	43.2
41592	A14-1464-017	GMI14-2281	<DL	5.17	58.9	1.85	<DL	0.901	2.14	0.335	46.9
41593	A14-1464-018	GMI14-2282	<DL	4.91	64.1	1.92	<DL	0.978	2.22	0.372	47.3
41594	A14-1464-019	GMI14-2283	<DL	4.18	60	1.83	<DL	0.892	2.09	0.346	50
41595	A14-1464-020	GMI14-2284	<DL	5.06	62.9	1.84	<DL	0.863	2.11	0.316	47
41596	A14-1464-021	GMI14-2285	<DL	4.55	64.6	1.82	<DL	0.865	2.01	0.321	48.7
41597	A14-1464-022	GMI14-2286	<DL	4.56	60.4	2.02	<DL	0.989	2.02	0.404	53.1
41598	A14-1464-023	GMI14-2287	<DL	5.33	62.6	1.98	<DL	0.981	2.06	0.366	50.3
41599	A14-1464-024	GMI14-2288	1	7.1	31.3	1.67	<DL	0.434	14	0.131	39.6
41600	A14-1464-025	GMI14-2289	2.35	21.2	46.5	3.81	<DL	0.646	4.2	0.221	142
41601	A14-1464-026	GMI14-2290	1.07	4.4	67.9	1.96	<DL	0.905	2.28	0.352	46.1
41602	A14-1464-027	GMI14-2291	<DL	5.11	64.7	1.87	<DL	0.911	2.06	0.338	51.2
41603	A14-1464-028	GMI14-2292	<DL	4.47	64.4	1.79	<DL	0.953	2.16	0.351	50.6
41604	A14-1464-029	GMI14-2293	<DL	4.51	69.6	1.77	<DL	0.928	2.25	0.338	44.6
41605	A14-1464-030	GMI14-2294	<DL	4.74	60.1	1.85	<DL	0.883	2.01	0.345	50
41606	A14-1464-031	GMI14-2295	<DL	4.51	62.3	2.01	<DL	0.976	2.02	0.373	58.2
41607	A14-1464-032	GMI14-2296	<DL	4.5	63.6	1.6	<DL	0.846	1.97	0.308	41.1
41608	A14-1464-033	GMI14-2297	<DL	4.31	67.7	1.61	<DL	0.853	2.06	0.311	41.1
41609	A14-1464-034	GMI14-2298	<DL	4.59	70.8	1.71	<DL	0.86	1.95	0.318	41.3
41610	A14-1464-035	GMI14-2299	<DL	5.66	73.9	2.13	<DL	0.897	2.51	0.34	61.1
41611	A14-1464-036	GMI14-2300	<DL	5.43	66	1.85	<DL	0.925	2.18	0.337	50.9
41612	A14-1464-037	GMI14-2301	<DL	7.44	66.7	1.92	<DL	0.91	2.23	0.345	53.2
41613	A14-1464-038	GMI14-2302	<DL	5.13	64.4	1.77	<DL	0.856	2.18	0.312	44.1
41614	A14-1464-039	GMI14-2303	<DL	4.49	66.5	1.61	<DL	0.876	2.06	0.327	38.3
41615	A14-1464-040	GMI14-2304	<DL	4.08	64.1	1.64	<DL	0.904	1.94	0.35	39.7
41616	A14-1464-041	GMI14-2305	<DL	4.58	69.3	1.65	<DL	0.88	2.16	0.322	35.9
41617	A14-1464-042	GMI14-2306	<DL	4.54	66.2	1.7	<DL	0.906	2.06	0.338	38.2
41618	A14-1464-043	GMI14-2307	<DL	5.17	60.9	1.76	<DL	0.822	2.02	0.29	46.9
41619	A14-1464-044	GMI14-2308	<DL	4.16	72.6	1.8	<DL	0.856	2.13	0.32	40.2
41620	A14-1464-045	GMI14-2309	<DL	3.48	61.4	1.73	<DL	0.785	1.91	0.294	44.2

41621	A14-1464-046	GMI14-2310	<DL	3.24	52.5	2.1	<DL	0.725	2.33	0.274	56.7
41622	A14-1464-047	GMI14-2311	<DL	4.3	16.1	2.8	<DL	0.173	4.14	0.044	92.4
41623	A14-1464-048	GMI14-2312	<DL	3.2	13.6	2.73	<DL	0.132	4.1	<DL	93
41624	A14-1464-049	GMI14-2313	1.14	7	32.1	1.76	<DL	0.433	13	0.14	41.3
41625	A14-1464-050	GMI14-2314	2.04	2.87	80.1	2.48	<DL	0.736	4.34	0.244	94.9
41626	A14-1464-051	GMI14-2315	<DL	3.53	14.8	2.95	<DL	0.151	4.78	0.037	99
41627	A14-1464-052	GMI14-2316	<DL	3.16	14.9	2.92	<DL	0.119	4.16	<DL	97

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41248	A14-1428-025	GMI14-2239	<DL	7.1	56.7	2.01	<DL	1.01	2.4	0.378	47.7
41248	A14-1428-025	GMI14-2239 DUP	<DL	7.39	55.4	1.94	<DL	0.981	2.32	0.358	46.8
41523	A14-1428-050	GMI14-2264	<DL	4.35	56.6	1.8	<DL	0.884	2.19	0.318	46.4
41523	A14-1428-050	GMI14-2264 DUP	<DL	4.46	56.9	1.83	<DL	0.902	2.22	0.32	45.5
41600	A14-1464-025	GMI14-2289	2.35	21.2	46.5	3.81	<DL	0.646	4.2	0.221	142
41600	A14-1464-025	GMI14-2289 DUP	2.3	23.7	45.2	3.56	<DL	0.704	3.77	0.246	134
41627	A14-1464-052	GMI14-2316	<DL	3.16	14.9	2.92	<DL	0.119	4.16	<DL	97
41627	A14-1464-052	GMI14-2316 DUP	<DL	3.24	16.1	2.98	<DL	0.121	4.33	<DL	98.2

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	4.2				<DL	0.255			
		CRM SU-1b #2	4.36				<DL	0.236			
		CRM SU-1b #3	4.82				<DL	0.256			
		CRM SU-1b #4	4.69				<DL	0.247			
		Certified Values:				2					78
		CRM RTS-3a #1				2.39					78.9
		CRM RTS-3a #2				2.24					78.9
		CRM RTS-3a #3				2.15					74.9
		CRM RTS-3a #4				2.05					75.6
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1	14.3	26.3	2.53		3.83	13.7	1.92	112	
		CRM SY-4 #2	12.9	28.2	2.13		3.3	12.5	1.61	94	
		CRM SY-4 #3	14.7	27.9	2.13		3.33	12	1.67	99.9	
		CRM SY-4 #4	13.8	32.4	2.24		3.14	11.4	1.57	105	
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	2.34	17.1		3.74					124
		CRM LKSD-3 #2	2.36	14.2		3.7					121
		CRM LKSD-3 #3	2.56	17.4		3.49					122
		CRM LKSD-3 #4	2.63	17		3.59					125

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	9.14	11.1	10.2	10.9	11.4	10.8	10.9	10.7	10.4
		Spike #4	9.87	8.81	10.5	9.9	10.2	10.2	10.6	10.1	10.1
		Spike #7	9.4	10.8	9.81	10.1	10.4	10.1	10.2	10.2	10.2
		Spike #10	10.2	9.26	11.5	9.65	9.46	10	10.2	10.1	9.82

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-029**

Swastika Ore Samples from Good Mining  
Three Acid Digest with ICP-MS Analysis

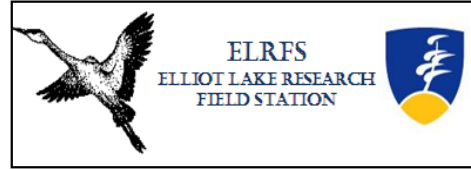
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**Batch: 14-1429 (52)**

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**Sample Tracking:**

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 52  
Dates Analysed/ Analyst: Dec 11, 2014 - Feb 11, 2015 / Troy Maki  
Submission Date: 2015 02 16

Dr. Graeme Spiers - ELRFS Director

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41524	A14-1429-001	GMI14-2317	1.17	11	23.5	1.85	<DL	0.697	13.1	0.234	39.3
41525	A14-1429-002	GMI14-2318	1.62	4.97	64.2	2.68	<DL	0.837	4.82	0.27	103
41526	A14-1429-003	GMI14-2319	<DL	7.26	63	1.78	<DL	0.879	2.71	0.317	53.5
41527	A14-1429-004	GMI14-2320	1.1	10.3	54.6	2.67	<DL	1.04	3.41	0.403	83.7
41528	A14-1429-005	GMI14-2321	<DL	6.92	50.4	1.86	<DL	0.957	2.31	0.346	56.4
41529	A14-1429-006	GMI14-2322	1.12	6.58	51.8	2.02	<DL	1.09	2.35	0.391	57
41530	A14-1429-007	GMI14-2323	1.58	9.02	48.9	1.95	<DL	0.777	2.17	0.263	57.1
41531	A14-1429-008	GMI14-2324	1.13	9.04	57	1.92	<DL	0.8	2.29	0.248	55.3
41532	A14-1429-009	GMI14-2325	<DL	9.22	54.5	1.98	<DL	0.817	2.11	0.303	60.7
41533	A14-1429-010	GMI14-2326	<DL	9.86	56.7	2.2	<DL	0.823	2.13	0.281	67.6
41534	A14-1429-011	GMI14-2327	<DL	7.84	52.6	2.12	<DL	0.893	2.08	0.32	62.9
41535	A14-1429-012	GMI14-2328	<DL	8.97	55.8	1.97	<DL	0.723	2.07	0.217	57.2
41536	A14-1429-013	GMI14-2329	<DL	10.4	57.8	2.18	<DL	0.901	2.34	0.322	65.9
41537	A14-1429-014	GMI14-2330	<DL	11.2	58.2	2.54	<DL	0.918	2.39	0.323	81.6
41538	A14-1429-015	GMI14-2331	<DL	7.38	53.4	2.38	<DL	0.758	2.19	0.252	78.9
41539	A14-1429-016	GMI14-2332	<DL	8.97	56.3	2.35	<DL	0.857	2.37	0.295	81.2
41540	A14-1429-017	GMI14-2333	<DL	6.83	53.2	2.11	<DL	0.781	2.09	0.26	69.2
41541	A14-1429-018	GMI14-2334	<DL	9.81	63	2.23	<DL	0.822	2.25	0.296	72.1
41542	A14-1429-019	GMI14-2335	<DL	10.3	54.7	2.15	<DL	0.832	2.34	0.294	65.9
41543	A14-1429-020	GMI14-2336	1.03	9.16	51.6	2.1	<DL	0.709	3.37	0.25	70.2
41544	A14-1429-021	GMI14-2337	5.8	11.7	54.1	1.49	<DL	0.619	4.67	0.212	47.8
41545	A14-1429-022	GMI14-2338	9.39	9.44	58.9	1.45	<DL	0.657	1.71	0.23	35.8
41546	A14-1429-023	GMI14-2339	1.54	8.05	56.3	1.8	<DL	0.72	2.5	0.25	45
41547	A14-1429-024	GMI14-2340	<DL	6.81	55.2	1.65	<DL	0.552	1.76	0.179	43.8
41548	A14-1429-025	GMI14-2341	<DL	5.72	61.9	1.76	<DL	0.721	2.07	0.25	46.8
41549	A14-1429-026	GMI14-2342	1.13	5.57	28.7	1.75	<DL	0.136	5.84	0.036	40
41550	A14-1429-027	GMI14-2343	1.99	17.6	38.9	3.42	<DL	0.522	3.99	0.148	131
41551	A14-1429-028	GMI14-2344	<DL	4.88	57	1.86	<DL	0.787	2.18	0.269	48.9
41552	A14-1429-029	GMI14-2345	<DL	4.09	59	1.81	<DL	0.686	1.94	0.238	49.6
41553	A14-1429-030	GMI14-2346	<DL	4.9	60	2.07	<DL	0.951	2.16	0.346	56.2
41554	A14-1429-031	GMI14-2347	<DL	4.64	67.7	1.8	<DL	0.845	2.17	0.303	49.2
41555	A14-1429-032	GMI14-2348	<DL	4.71	64	2	<DL	0.883	2.17	0.29	53.7
41556	A14-1429-033	GMI14-2349	<DL	4.7	56.3	1.93	<DL	0.863	1.98	0.327	51.8
41557	A14-1429-034	GMI14-2350	<DL	6.25	62.4	2.02	<DL	0.95	2.14	0.369	61.6
41558	A14-1429-035	GMI14-2351	<DL	5.59	64.4	2.15	<DL	0.937	2.21	0.351	57.6

41559	A14-1429-036	GMI14-2352	<DL	5.39	61.7	1.99	<DL	0.906	2.29	0.311	50.6
41560	A14-1429-037	GMI14-2353	<DL	7.31	57.9	2.18	<DL	0.988	2.22	0.363	58
41561	A14-1429-038	GMI14-2354	<DL	5.06	57.3	2.03	<DL	0.925	2.21	0.366	52.9
41562	A14-1429-039	GMI14-2355	<DL	5.33	61.8	2.04	<DL	0.848	2.08	0.319	55.1
41563	A14-1429-040	GMI14-2356	<DL	5.43	56.2	1.99	<DL	0.86	2.16	0.312	54.7
41564	A14-1429-041	GMI14-2357	<DL	6.89	61.6	2.2	<DL	1.04	2.19	0.409	64.2
41565	A14-1429-042	GMI14-2358	<DL	6.5	62.9	2.09	<DL	0.94	2.21	0.371	59.4
41566	A14-1429-043	GMI14-2359	<DL	7.25	61.4	1.95	<DL	0.765	2.23	0.265	51.9
41567	A14-1429-044	GMI14-2360	<DL	6.33	60.7	1.89	<DL	0.738	2.06	0.255	50
41568	A14-1429-045	GMI14-2361	<DL	8	62.4	1.8	<DL	0.75	2.11	0.26	48.5
41569	A14-1429-046	GMI14-2362	<DL	7.86	64.1	2.07	<DL	0.975	2.38	0.356	54.3
41570	A14-1429-047	GMI14-2363	<DL	7.42	65.3	2.13	<DL	1.08	2.38	0.418	58.8
41571	A14-1429-048	GMI14-2364	<DL	7.36	55.3	1.91	<DL	0.832	2.46	0.3	47.3
41572	A14-1429-049	GMI14-2365	<DL	6.35	55.1	2.04	<DL	0.649	2.68	0.219	61.4
41573	A14-1429-050	GMI14-2366	<DL	7.09	30.7	1.67	<DL	0.321	8.18	0.089	40
41574	A14-1429-051	GMI14-2367	<DL	10.2	61.2	1.96	<DL	0.727	2.18	0.262	48.6
41575	A14-1429-052	GMI14-2368	1.69	4.65	75.4	2.53	<DL	0.854	5.1	0.297	102

# QUALITY CONTROL

## DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
41548	A14-1429-025	GMI14-2341	<DL	5.72	61.9	1.76	<DL	0.721	2.07	0.25	46.8
41548	A14-1429-025	GMI14-2341 DUP	<DL	5.98	58.7	1.78	<DL	0.815	2.09	0.277	47.3
41575	A14-1429-052	GMI14-2368	1.69	4.65	75.4	2.53	<DL	0.854	5.1	0.297	102
41575	A14-1429-052	GMI14-2368 DUP	1.65	4.69	81.3	2.57	<DL	0.817	4.96	0.279	104

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			mg/Kg 1	mg/Kg 1	mg/Kg 0.1	mg/Kg 0.6	mg/Kg 2	mg/Kg 0.02	mg/Kg 0.02	mg/Kg 0.03	mg/Kg 0.5
		Certified Values:	6.39				0.3	0.3			
		CRM SU-1b #1	3.7				<DL	0.23			
		CRM SU-1b #2	3.59				<DL	0.268			
		Certified Values:				2					78
		CRM RTS-3a #1				2.18					78.3
		CRM RTS-3a #2				2.25					78.4
		Certified Values:		13-18	1-4	10.6		4.3	15	2.3	178
		CRM SY-4 #1		13.2	24.6	1.79		2.35	9.49	1.08	85.7
		CRM SY-4 #2		19.2	28.4	1.89		2.1	8.27	1.02	93.5
		Certified Values:	2.7	25		4.8					517
		CRM LKSD-3 #1	2.3	16.4		3.7					127
		CRM LKSD-3 #2	2.6	24.6		3.52					126

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag	B	Ge	Hf	Hg	Ho	Pr	Tm	Zr
			ug/L 1	ug/L 1	ug/L 0.1	ug/L 0.6	ug/L 2	ug/L 0.02	ug/L 0.02	ug/L 0.03	ug/L 0.5
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	9.42	10.3	10	10.2	10.1	10.3	10.3	10.2	10.1
		Spike #4	9.58	7.45	9.85	9.87	9.33	10.2	10.6	10.1	9.93

# Informational Values - Elliot Lake Research Field Station

JOB CODE: **GMIIV14-030**

Swastika Ore Samples from Good Mining

Three Acid Digest with ICP-MS Analysis

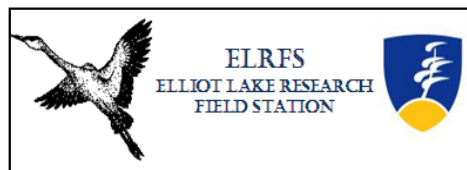
## Client Contact Information:

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**Batch: 14-1465 (35)**

## ELRFS Contact Information:

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Address: Willit Green Miller Center, Laurentian University, 935 Ramsey Lake Rd. Sudbury, ON, P3E 2C6  
Phone: 705-675-1151 x1523 (Troy) x5087 (Dr. Spiers)



Dr. Graeme Spiers - ELRFS Director

## Sample Tracking:

Date Received: 2014 12 10  
Received by: Troy Maki  
# of samples: 35 (1 reported)  
Dates Analysed/ Analyst: Dec 11, 2014 - March 4, 2015 / Troy Maki  
Submission Date: 2015 03 08

## FINAL RESULTS (mg/Kg)

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg	B mg/Kg	Ge mg/Kg	Hf mg/Kg	Hg mg/Kg	Ho mg/Kg	Pr mg/Kg	Tm mg/Kg	Zr mg/Kg
41628	A14-1465-001	GMI14-2402	<DL	11.1	18	3.39	<DL	0.128	4.19	<DL	106

## QUALITY CONTROL

### DUPLICATES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg	B mg/Kg	Ge mg/Kg	Hf mg/Kg	Hg mg/Kg	Ho mg/Kg	Pr mg/Kg	Tm mg/Kg	Zr mg/Kg
41628	A14-1465-001	GMI14-2402	<DL	11.1	18	3.39	<DL	0.128	4.19	<DL	106
		GMI14-2402 DUP	<DL	8.84	18.1	3.18	<DL	0.115	4.08	<DL	104

## CERTIFIED REFERENCE MATERIALS

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag mg/Kg	B mg/Kg	Ge mg/Kg	Hf mg/Kg	Hg mg/Kg	Ho mg/Kg	Pr mg/Kg	Tm mg/Kg	Zr mg/Kg
		Certified Values: CRM SU-1b #1	6.39				0.3	0.3			
			4.42				<DL	0.256			
		Certified Values: CRM RTS-3a #1				2					78
						2.29					86.2
		Certified Values: CRM SY-4 #1		13-18	1-4	10.6		4.3	15	2.3	178
				15.6	46.7	2.23		3.26	11.3	1.64	103
		Certified Values: CRM LKSD-3 #1	2.7	25		4.8					517
			2.92	19.4		3.77					132

## SPIKES

Good Mining Label	Swastika Label	ELRFS Label Units DL	Ag ug/L	B ug/L	Ge ug/L	Hf ug/L	Hg ug/L	Ho ug/L	Pr ug/L	Tm ug/L	Zr ug/L
		Actual Spike Values:	10	10	10	10	10	10	10	10	10
		Spike #1	8.31	8.76	10.5	9.79	9.74	9.96	9.85	9.88	9.61
		Spike #4	10.1	11.9	27.6	9.93	10.3	10.5	10.1	10.3	9.9
		Spike #7	8.94	10.2	9.34	10.1	10	9.79	9.61	9.72	10.5
		Spike #10	12.9	9.09	9.24	9.35	10.1	10.6	10.8	10.2	9.31