

CDN Resource Laboratories Ltd.

#2, 20148 – 102nd Ave, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)

REFERENCE MATERIAL: CDN-ME-1805

Recommended values and the “Between Lab” Two Standard Deviations

Gold	2.67 gpt	± 0.17 gpt	30 g FA, instrumental	Certified value
Silver	2236 ppm	± 74 ppm	30 g FA, gravimetric	Certified value
Silver	2288 ppm	± 116 ppm	4-Acid / ICP	Certified value
Silver	2284 ppm	± 99 ppm	Aqua Regia / ICP or MS	Certified value
Copper	0.873 %	± 0.028 %	4 Acid / ICP	Certified value
Copper	0.875 %	± 0.030 %	Aqua Regia / ICP or MS	Certified value
Lead	5.50 %	± 0.31 %	4 Acid / ICP	Certified value
Lead	5.51 %	± 0.17 %	Aqua Regia / ICP or MS	Certified value
Zinc	10.54 %	± 0.28 %	4 Acid / ICP	Certified value
Zinc	10.42 %	± 0.42 %	Aqua Regia / ICP or MS	Certified value
Iron	5.30 %	± 0.30 %	4 Acid / ICP	Certified value
Iron	5.29 %	± 0.17 %	Aqua Regia / ICP or MS	Certified value

Note 1: Standards with an RSD of near or less than 5% are certified; RSD's of between 5% and 15% are Provisional; RSD's over 15% are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

Note 2: Standard CDN-ME-1805 is a high sulphide sample and has been pre-packaged in kraft bags which have been individually vacuum-sealed in nylon bags in either 60g or 100g quantities. It is available for purchase in lots of either 10 x 60g or 10 x 100g. High sulphide samples will stay valid indefinitely while vacuum sealed and should stay that way until the lab is ready to analyse the standard. After opening we cannot guarantee their accuracy for any length of time but resealing and storing in a cold dark place should reduce the oxidation rate.

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.
DATE OF CERTIFICATION: June 22, 2018

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-ME-1805 was prepared from ore received from Hecla Mining's Greens Creek deposit. The Greens Creek deposit is a polymetallic, stratiform, massive sulfide deposit. The host rock consists of predominantly marine sedimentary, and mafic to ultramafic volcanic and plutonic rocks, which have been subjected to multiple periods of deformation. Mineralization occurs discontinuously along the contact between a structural hanging wall of quartz mica carbonate phyllites, and a structural footwall of graphitic and calcareous argillite.

Ore lithologies fall into two broad groups: massive ores with over 50% sulfides and white ores with less than 50% sulfides. The massive ores are further subdivided as either being base-metal or pyrite dominant. Massive ores vary greatly in precious-metal grade from uneconomic to bonanza Au (>.5 opt) and Ag (>100 opt). White ores are subdivided into three groups by the dominant gangue mineralogy; white carbonate, white siliceous, and white baritic ore. These ores tend to be base-metal poor and precious-metal rich. Major sulfide minerals are pyrite, sphalerite, galena, and tetrahedrite/tennantite.

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270-mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone mixer. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

Approximate chemical composition (from whole rock analysis) is as follows:

	Percent		Percent
SiO2	29.5	Na2O	<0.1
Al2O3	4.0	MgO	2.2
Fe2O3	7.3	K2O	0.3
CaO	3.7	TiO2	0.2
MnO	0.1	LOI	10.2
S	14.4	C	1.7

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual “between-laboratory” standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Assay Procedures:

- Au:** 30 gr. fire assay pre-concentration, AA or ICP finish.
- Ag:** 30 gr. fire assay pre-concentration, Gravimetric finish
- Ag, Cu, Pb, Zn, Fe:** 4-acid digestion, AA or ICP finish and Aqua regia digestion and ICP-OES or MS finish.

Results from round-robin assaying:

Fire Assay	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
ME-1805-1	2.54	2.68	2.59	2.48	2.59	2.67	2.706	2.637	2.636	2.628	2.732	2.59	2.69	2.70	2.48
ME-1805-2	2.78	2.71	2.65	2.52	2.75	2.72	2.539	3.053	2.433	2.707	2.851	2.61	2.81	2.66	2.60
ME-1805-3	2.66	2.51	2.74	2.67	2.28	2.79	2.632	2.544	2.638	2.645	2.668	2.79	2.60	2.75	2.65
ME-1805-4	2.40	2.81	2.80	2.58	2.63	2.69	2.604	2.661	2.664	2.740	2.808	2.64	2.58	2.75	2.39
ME-1805-5	2.65	2.52	2.83	2.59	2.62	2.67	2.580	2.986	2.593	2.627	2.669	2.67	2.67	2.71	2.53
ME-1805-6	2.74	2.62	2.64	2.72	2.54	2.68	2.751	2.567	2.734	2.760	2.712	2.69	2.54	2.71	2.58
ME-1805-7	2.69	2.64	2.83	3.00	2.74	2.63	2.853	3.053	2.633	2.738	2.689	2.69	2.59	2.67	2.47
ME-1805-8	2.87	2.69	2.77	2.60	2.76	2.67	2.649	2.687	2.572	2.656	2.849	2.67	2.55	2.75	2.65
ME-1805-9	2.45	2.76	2.70	2.79	2.51	2.67	2.847	2.533	2.654	2.644	2.804	2.68	2.62	2.63	2.67
ME-1805-10	2.69	2.63	2.98	2.65	2.71	2.72	2.416	2.569	2.662	2.702	2.778	2.59	2.55	2.65	2.64
Mean	2.65	2.66	2.75	2.66	2.61	2.69	2.658	2.729	2.622	2.685	2.756	2.66	2.62	2.70	2.566
Std. Dev.	0.146	0.095	0.115	0.150	0.147	0.044	0.136	0.215	0.079	0.051	0.071	0.060	0.083	0.044	0.095
% RSD	5.51	3.58	4.17	5.65	5.61	1.62	5.13	7.87	3.02	1.88	2.58	2.24	3.18	1.64	3.69

Fire Assay Gravimetric Finish	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
ME-1805-1	2260	2240	2270	2170	2170	2210	2270		2234	2223	2266.0	2234.8	2100	2238	2220
ME-1805-2	2240	2270	2260	2170	2290	2210	2270		2231	2238	2273.6	2237.2	2220	2246	2210
ME-1805-3	2200	2220	2350	2140	2350	2270	2260		2222	2227	2267.1	2249.2	2200	2250	2220
ME-1805-4	2240	2300	2270	2130	2190	2280	2270		2234	2233	2269.5	2236.8	2200	2224	2190
ME-1805-5	2270	2250	2280	2130	2180	2230	2270		2218	2235	2272.6	2230.4	2180	2268	2260
ME-1805-6	2230	2240	2220	2160	2190	2280	2270		2231	2235	2270.0	2243.5	2200	2245	2250
ME-1805-7	2150	2230	2150	2170	2240	2280	2340		2243	2234	2266.2	2249.3	2210	2262	2350
ME-1805-8	2130	2320	2220	2180	2160	2270	2330		2226	2236	2271.3	2237.4	2210	2259	2320
ME-1805-9	2190	2340	2370	2130	2160	2220	2280		2223	2228	2286.1	2242.5	2200	2248	2230
ME-1805-10	2200	2320	2260	2170	2200	2210	2260		2223	2231	2281.4	2249.3	2190	2234	2210
Mean	2211	2273	2265	2155	2213	2246	2282		2229	2232	2272.4	2241.0	2191	2247	2246
Std. Dev.	45.814	43.474	63.114	20.138	62.548	32.387	28.597		7.472	4.690	6.608	6.734	33.813	13.343	51.467
% RSD	2.07	1.91	2.79	0.93	2.83	1.44	1.25		0.34	0.21	0.29	0.30	1.54	0.59	2.29
Instrumental 4 Acid	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
ME-1805-1	2350	2210				2210					2322	2324	2330		
ME-1805-2	2170	2170				2210					2279	2321	2300		
ME-1805-3	2340	2150				2270					2251	2333	2290		
ME-1805-4	2350	2170				2280					2242	2344	2260		
ME-1805-5	2330	2380				2230					2232	2381	2270		
ME-1805-6	2320	2480				2280					2317	2360	2280		
ME-1805-7	2390	2420				2280					2257	2378	2280		
ME-1805-8	2390	2250				2270					2274	2318	2240		
ME-1805-9	2380	2240				2220					2289	2342	2240		
ME-1805-10	2320	2260				2210					2242	2345	2280		
Mean	2334	2273				2246					2270	2345	2277		
Std. Dev.	63.456	114.509				32.387					31.537	22.382	27.101		
% RSD	2.72	5.04				1.44					1.39	0.95	1.19		
Instrumental Aqua Regia	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
ME-1805-1	2240	2300				2250					2264.4	2328	2290		
ME-1805-2	2280	2300				2260					2282.4	2382	2260		
ME-1805-3	2290	2230				2320					2262.6	2378	2240		
ME-1805-4	2200	2270				2330					2262.1	2371	2220		
ME-1805-5	2240	2270				2280					2252.2	2365	2240		
ME-1805-6	2270	2350				2330					2253.8	2359	2240		
ME-1805-7	2240	2330				2330					2259.7	2374	2210		
ME-1805-8	2230	2450				2320					2260.4	2389	2240		
ME-1805-9	2260	2310				2270					2259.8	2347	2220		
ME-1805-10	2270	2250				2250					2264.5	2378	2230		
Mean	2252	2306				2294					2262.2	2367	2239		
Std. Dev.	26.998	62.218				35.024					8.193	18.272	22.828		
% RSD	1.20	2.70				1.53					0.36	0.77	1.02		

Instrumental 4 Acid	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
ME-1805-1	0.879	0.853	0.88	0.865	0.824	0.877	0.87	0.888	0.847	0.851	0.892	0.922	0.901	0.91	0.874
ME-1805-2	0.87	0.844	0.899	0.899	0.867	0.882	0.88	0.878	0.869	0.848	0.867	0.921	0.870	0.87	0.880
ME-1805-3	0.869	0.862	0.893	0.897	0.891	0.873	0.88	0.917	0.875	0.858	0.884	0.923	0.865	0.91	0.881
ME-1805-4	0.838	0.870	0.883	0.873	0.889	0.876	0.87	0.892	0.873	0.851	0.876	0.919	0.863	0.90	0.870
ME-1805-5	0.840	0.868	0.872	0.865	0.866	0.87	0.88	0.889	0.876	0.853	0.881	0.924	0.869	0.85	0.865
ME-1805-6	0.818	0.879	0.879	0.845	0.892	0.878	0.88	0.873	0.872	0.856	0.879	0.922	0.886	0.89	0.867
ME-1805-7	0.842	0.872	0.857	0.849	0.856	0.878	0.88	0.881	0.874	0.855	0.893	0.918	0.880	0.91	0.867
ME-1805-8	0.876	0.853	0.881	0.842	0.862	0.873	0.86	0.879	0.879	0.847	0.881	0.913	0.862	0.90	0.886
ME-1805-9	0.882	0.830	0.879	0.862	0.831	0.875	0.87	0.896	0.870	0.864	0.894	0.916	0.859	0.90	0.873
ME-1805-10	0.871	0.866	0.883	0.838	0.852	0.87	0.86	0.892	0.885	0.863	0.867	0.924	0.870	0.88	0.881
Mean	0.859	0.860	0.881	0.864	0.863	0.875	0.873	0.889	0.872	0.855	0.882	0.920	0.873	0.892	0.874
Std. Dev.	0.022	0.015	0.011	0.021	0.024	0.004	0.008	0.012	0.010	0.006	0.01	0.004	0.013	0.02	0.007
% RSD	2.56	1.72	1.28	2.49	2.74	0.43	0.94	1.4	1.14	0.68	1.12	0.4	1.49	2.23	0.83

Instrumental Aqua Regia	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
ME-1805-1	0.869	0.885	0.869	0.864	0.856	0.876		0.899	0.859	0.859	0.894	0.908	0.870	0.86	0.885
ME-1805-2	0.860	0.873	0.878	0.870	0.853	0.889		0.933	0.867	0.879	0.909	0.925	0.875	0.90	0.890
ME-1805-3	0.848	0.844	0.902	0.859	0.833	0.886		0.923	0.846	0.856	0.890	0.928	0.868	0.90	0.867
ME-1805-4	0.867	0.872	0.889	0.852	0.856	0.888		0.896	0.865	0.870	0.898	0.915	0.884	0.90	0.862
ME-1805-5	0.847	0.863	0.866	0.876	0.849	0.874		0.895	0.862	0.865	0.885	0.907	0.869	0.92	0.876
ME-1805-6	0.870	0.857	0.877	0.863	0.855	0.873		0.908	0.868	0.849	0.889	0.916	0.871	0.88	0.891
ME-1805-7	0.860	0.878	0.868	0.874	0.896	0.890		0.884	0.855	0.865	0.892	0.925	0.879	0.91	0.869
ME-1805-8	0.862	0.874	0.873	0.901	0.901	0.886		0.891	0.890	0.863	0.899	0.929	0.867	0.89	0.881
ME-1805-9	0.866	0.872	0.891	0.887	0.895	0.881		0.896	0.880	0.854	0.882	0.904	0.873	0.89	0.879
ME-1805-10	0.869	0.848	0.885	0.858	0.84	0.877		0.867	0.860	0.867	0.883	0.924	0.869	0.89	0.873
Mean	0.862	0.867	0.88	0.87	0.863	0.882		0.899	0.865	0.863	0.892	0.918	0.873	0.89	0.877
Std. Dev.	0.008	0.013	0.012	0.015	0.025	0.007		0.019	0.012	0.009	0.008	0.009	0.005	0.016	0.01
% RSD	0.97	1.53	1.33	1.7	2.85	0.74		2.08	1.44	0.99	0.92	1.02	0.62	1.84	1.11
Instrumental 4 Acid	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
ME-1805-1	5.59	5.83	5.63	5.50	5.18	5.37	5.33	5.50	5.46	5.31	5.80	5.69	5.26	5.45	5.44
ME-1805-2	5.59	5.79	5.53	5.65	5.42	5.37	5.42	5.51	5.43	5.26	5.72	5.78	5.75	5.62	5.44
ME-1805-3	5.57	5.82	5.62	5.65	5.65	5.41	5.40	5.53	5.53	5.29	5.69	5.70	5.36	5.48	5.43
ME-1805-4	5.62	5.76	5.60	5.47	5.62	5.43	5.39	5.49	5.57	5.3	5.62	5.84	5.60	5.46	5.41
ME-1805-5	5.56	5.90	5.48	5.47	5.46	5.46	5.42	5.53	5.40	5.22	5.57	5.89	5.69	5.66	5.37
ME-1805-6	5.52	5.81	5.50	5.41	5.62	5.35	5.42	5.48	5.39	5.29	5.78	5.77	5.30	5.48	5.37
ME-1805-7	5.76	5.51	5.37	5.35	5.40	5.38	5.37	5.45	5.50	5.14	5.81	5.75	5.46	5.40	5.36
ME-1805-8	5.63	5.49	5.53	5.29	5.42	5.41	5.31	5.44	5.50	5.23	5.75	5.8	5.49	5.48	5.36
ME-1805-9	5.61	5.49	5.53	5.44	5.24	5.40	5.29	5.43	5.39	5.33	5.76	5.82	5.46	5.60	5.32
ME-1805-10	5.69	5.43	5.63	5.28	5.35	5.38	5.28	5.40	5.43	5.36	5.58	5.78	5.48	5.44	5.40
Mean	5.61	5.68	5.54	5.45	5.44	5.4	5.36	5.48	5.46	5.27	5.71	5.78	5.49	5.51	5.39
Std. Dev.	0.069	0.179	0.082	0.129	0.159	0.033	0.056	0.044	0.063	0.063	0.091	0.062	0.159	0.087	0.04
% RSD	1.22	3.16	1.48	2.36	2.92	0.61	1.04	0.81	1.15	1.2	1.59	1.07	2.9	1.58	0.75
Instrumental Aqua Regia	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
ME-1805-1	5.59	5.63	5.51	5.48	5.41	5.34		5.49	5.49		5.71	5.76	5.42	5.45	5.52
ME-1805-2	5.62	5.58	5.47	5.47	5.42	5.40		5.45	5.45		5.71	5.94	5.48	5.43	5.60
ME-1805-3	5.75	5.43	5.51	5.52	5.34	5.39		5.47	5.47		5.69	5.90	5.49	5.56	5.46
ME-1805-4	5.64	5.48	5.51	5.58	5.43	5.46		5.49	5.49		5.70	5.94	5.55	5.57	5.43
ME-1805-5	5.52	5.52	5.47	5.50	5.38	5.44		5.44	5.44		5.69	5.73	5.58	5.61	5.49
ME-1805-6	5.59	5.61	5.53	5.57	5.45	5.35		5.56	5.56		5.66	5.88	5.51	5.42	5.70
ME-1805-7	5.54	5.56	5.46	5.49	5.52	5.46		5.53	5.53		5.64	5.91	5.43	5.58	5.46
ME-1805-8	5.57	5.73	5.38	5.55	5.73	5.47		5.52	5.52		5.69	5.81	5.47	5.42	5.48
ME-1805-9	5.57	5.55	5.55	5.51	5.80	5.46		5.44	5.44		5.61	5.86	5.43	5.43	5.51
ME-1805-10	5.62	5.42	5.57	5.50	5.62	5.45		5.52	5.52		5.72	5.92	5.46	5.45	5.49
Mean	5.60	5.55	5.50	5.52	5.51	5.42		5.49	5.49		5.68	5.86	5.48	5.49	5.51
Std. Dev.	0.064	0.095	0.054	0.038	0.156	0.048		5.45	0.041		0.034	0.075	0.053	0.077	0.080
% RSD	1.14	1.70	0.98	0.68	2.83	0.89		5.47	0.75		0.59	1.27	0.96	1.41	1.45

Instrumental 4 Acid	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
ME-1805-1	10.8	10.6	10.50	10.4	10.10	10.3	10.63	10.55	9.91	10.57	10.85	10.53	10.7	10.6	10.55
ME-1805-2	10.5	10.4	10.65	10.35	10.55	10.5	10.63	10.33	10.06	10.48	10.62	10.46	11.1	10.4	10.50
ME-1805-3	10.5	10.5	10.60	10.45	10.90	10.5	10.69	10.77	10.11	10.61	10.7	10.59	10.7	10.7	10.45
ME-1805-4	10.3	10.6	10.50	10.35	10.90	10.6	10.62	10.47	10.17	10.63	10.59	10.44	10.9	10.7	10.35
ME-1805-5	10.4	10.5	10.55	10.55	10.55	10.6	10.73	10.49	10.14	10.57	10.52	10.57	10.8	10.4	10.30
ME-1805-6	10.3	10.5	10.65	10.45	10.90	10.4	10.69	10.31	10.16	10.61	10.74	10.53	10.9	10.6	10.30
ME-1805-7	10.3	10.5	10.25	10.65	10.45	10.3	10.83	10.43	10.26	10.55	10.82	10.52	10.9	10.6	10.35
ME-1805-8	10.8	10.4	10.60	10.65	10.55	10.5	10.38	10.45	10.25	10.55	10.75	10.49	10.9	10.7	10.55
ME-1805-9	10.7	10.4	10.70	10.30	10.10	10.3	10.50	10.58	9.97	10.6	10.83	10.52	10.7	10.7	10.40
ME-1805-10	10.6	10.5	10.50	10.30	10.40	10.2	10.47	10.51	9.92	10.59	10.6	10.49	10.7	10.4	10.50
Mean	10.5	10.5	10.55	10.45	10.54	10.4	10.62	10.489	10.10	10.58	10.7	10.51	10.8	10.6	10.43
Std. Dev.	0.199	0.074	0.127	0.132	0.299	0.14	0.134	0.131	0.127	0.043	0.116	0.044	0.134	0.132	0.098
% RSD	1.89	0.7	1.2	1.27	2.84	1.34	1.26	1.25	1.26	0.41	1.09	0.42	1.23	1.24	0.94

Instrumental Aqua Regia	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
ME-1805-1	10.3	10.7	10.25	10.30	10.60	10.4		10.38	9.99	9.81	10.72	10.63	10.3	10.7	10.5
ME-1805-2	10.3	10.7	10.30	10.25	10.60	10.6		10.53	9.99	9.77	10.72	10.73	10.5	10.6	10.6
ME-1805-3	10.6	10.4	10.60	10.30	10.35	10.5		10.66	10.02	9.93	10.67	10.69	10.3	10.5	10.3
ME-1805-4	10.4	10.6	10.45	10.50	10.60	10.3		10.37	10.14	9.97	10.72	10.66	10.5	10.5	10.2
ME-1805-5	10.1	10.5	10.20	10.35	10.50	10.3		10.50	9.97	9.6	10.65	10.66	10.4	10.8	10.4
ME-1805-6	10.3	10.7	10.30	10.40	10.60	10.3		10.47	10.01	10.04	10.63	10.78	10.5	10.3	10.6
ME-1805-7	10.1	10.7	10.25	10.30	11.10	10.4		10.35	10.13	10.17	10.59	10.69	10.5	10.7	10.4
ME-1805-8	10.3	11.3	10.20	10.45	11.15	10.4		10.42	9.99	9.85	10.70	10.76	10.3	10.6	10.4
ME-1805-9	10.2	10.7	10.40	10.30	11.10	10.5		10.36	10.01	10.14	10.55	10.59	10.4	10.4	10.4
ME-1805-10	10.3	10.5	10.40	10.35	10.45	10.5		10.27	10.12	10.06	10.68	10.70	10.3	10.5	10.4
Mean	10.3	10.7	10.34	10.35	10.71	10.4		10.43	10.04	9.94	10.66	10.69	10.4	10.6	10.4
Std. Dev.	0.145	0.244	0.127	0.078	0.296	0.103		0.112	0.066	0.179	0.056	0.058	0.094	0.151	0.117
% RSD	1.41	2.29	1.23	0.76	2.76	0.99		1.07	0.66	1.81	0.53	0.54	0.91	1.43	1.13
Instrumental 4 Acid	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe
ME-1805-1	5.86	5.65	5.27	5.12	5.01	5.28	5.28	5.63	5.42	5.19	5.2	6.25	5.41	5.23	5.35
ME-1805-2	5.79	5.64	5.18	5.26	5.2	5.3	5.3	5.62	5.45	5.16	5.21	6.36	5.58	5.27	5.24
ME-1805-3	5.73	5.8	5.28	5.27	5.41	5.29	5.31	5.68	5.42	5.18	5.19	6.16	5.35	5.22	5.22
ME-1805-4	5.52	5.82	5.26	5.09	5.4	5.31	5.29	5.58	5.44	5.11	5.2	6.41	5.42	5.26	5.19
ME-1805-5	5.55	5.83	5.29	5.07	5.22	5.35	5.3	5.6	5.46	5.24	5.17	6.31	5.43	5.2	5.16
ME-1805-6	5.52	5.96	5.3	5	5.39	5.36	5.3	5.57	5.46	5.19	5.17	6.33	5.43	5.25	5.18
ME-1805-7	5.57	5.88	5.04	4.99	5.18	5.35	5.3	5.62	5.39	5.21	5.19	6.28	5.42	5.28	5.2
ME-1805-8	5.82	5.58	5.22	4.91	5.21	5.36	5.17	5.59	5.47	5.19	5.27	6.19	5.47	5.26	5.21
ME-1805-9	5.85	5.59	5.33	5.07	5.02	5.34	5.21	5.65	5.44	5.27	5.34	6.33	5.41	5.25	5.18
ME-1805-10	5.86	5.63	5.28	4.9	5.12	5.35	5.16	5.58	5.39	5.18	5.31	6.21	5.41	5.17	5.23
Mean	5.71	5.74	5.25	5.07	5.22	5.33	5.26	5.61	5.43	5.19	5.23	6.28	5.43	5.24	5.22
Std. Dev.	0.149	0.135	0.083	0.127	0.147	0.031	0.058	0.035	0.028	0.043	0.059	0.08	0.059	0.034	0.053
% RSD	2.62	2.36	1.59	2.50	2.81	0.58	1.11	0.62	0.52	0.83	1.13	1.27	1.09	0.65	1.02
Instrumental Aqua Regia	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe	% Fe
ME-1805-1	5.55	5.75	5.32	5.13	5.22	5.34		5.17	5.33	5.24	5.32	6.13	5.24	5.10	5.32
ME-1805-2	5.60	5.65	5.29	5.18	5.18	5.31		5.30	5.40	5.19	5.21	6.29	5.31	5.25	5.38
ME-1805-3	5.54	5.49	5.35	5.10	5.13	5.32		5.39	5.47	5.30	5.27	6.12	5.24	5.36	5.25
ME-1805-4	5.60	5.52	5.34	5.07	5.22	5.34		5.25	5.46	5.30	5.29	6.11	5.32	5.41	5.26
ME-1805-5	5.46	5.55	5.28	5.19	5.22	5.35		5.30	5.57	5.17	5.31	6.31	5.25	5.34	5.32
ME-1805-6	5.62	5.63	5.35	5.15	5.26	5.35		5.23	5.38	5.38	5.31	6.15	5.28	5.20	5.62
ME-1805-7	5.59	5.66	5.28	5.21	5.31	5.33		5.18	5.47	5.33	5.21	6.18	5.28	5.34	5.28
ME-1805-8	5.49	5.88	5.22	5.27	5.54	5.32		5.21	5.50	5.27	5.35	6.1	5.24	5.13	5.29
ME-1805-9	5.62	5.63	5.37	5.21	5.55	5.36		5.22	5.46	5.30	5.20	6.22	5.26	5.22	5.32
ME-1805-10	5.59	5.54	5.40	5.05	5.43	5.31		5.14	5.45	5.37	5.33	6.28	5.22	5.22	5.29
Mean	5.57	5.63	5.32	5.16	5.31	5.33		5.24	5.45	5.29	5.28	6.19	5.26	5.26	5.33
Std. Dev.	0.055	0.118	0.053	0.069	0.149	0.018		0.074	0.066	0.069	0.055	0.08	0.033	0.103	0.107
% RSD	0.99	2.09	0.99	1.34	2.82	0.33		1.42	1.22	1.31	1.04	1.30	0.62	1.95	2.01

Notes:

Ag values were higher than Lab 8 detection limit.

Pb values assayed by utilizing 4 Acid and aqua regia digestion methods were higher than Lab 10 detection limit.

Labs 3,4,5,7,8,9,10,14 and 15 did not report Ag values using 4 Acid and Aqua Regia digestion with instrumental finish.

Labs 7 did not report Ag, Cu, Pb, Zn and Fe using Aqua Regia digestion and instrumental finish method.

Cu results assayed by utilizing 4 Acid digestion method from Lab 12 were removed for failing the t test.

Zn results assayed by utilizing 4 Acid digestion method from Lab 8 were removed for failing the t test.

Fe results assayed by using 4 Acid & Aqua regia digestion methods from Lab 2 & 12 were removed for failing the t test.

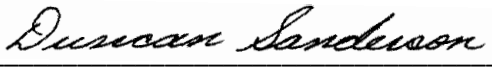
Participating Laboratories: (not in same order as table of assays)

Activation Laboratories, Ancaster, Ontario, Canada	Bureau Veritas, Vancouver, BC, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada	Certimin S.A., Lima, Peru
ALS Canada, North Vancouver, BC, Canada	MS Analytical, Langley, BC, Canada
ALS, Loughrea, Ireland	SGS, Vancouver, BC, Canada
ALS, Lima, Peru	SGS, Lima, Peru
ALS, Perth Australia	SGS, Lakefield, Ontario, Canada
Bureau Veritas, Perth, Australia	TSL Laboratories Ltd., Saskatoon, SK, Canada
Skyline Assayers & Laboratories, AZ, USA	


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Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


Dr. Barry Smee, Ph.D., P. Geo.