

CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-ME-1806

Recommended values and the “Between Lab” Two Standard Deviations

Gold	3.425 gpt	± 0.240 gpt	30 g FA, instrumental	Certified value
Silver	365 ppm	± 20 ppm	30 g FA, gravimetric	Certified value
Silver	371 ppm	± 10 ppm	4-Acid / ICP	Certified value
Silver	371 ppm	± 13 ppm	Aqua Regia / ICP or MS	Certified value
Copper	0.215 %	± 0.008 %	4 Acid / ICP	Certified value
Copper	0.215 %	± 0.008 %	Aqua Regia / ICP or MS	Certified value
Lead	5.89 %	± 0.27 %	4 Acid / ICP	Certified value
Lead	5.83 %	± 0.15 %	Aqua Regia / ICP or MS	Certified value
Zinc	14.00 %	± 0.42 %	4 Acid / ICP	Certified value
Zinc	13.83 %	± 0.57 %	Aqua Regia / ICP or MS	Certified value
Iron	17.57 %	± 0.54 %	4 Acid / ICP	Certified value
Iron	17.64 %	± 0.60 %	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-1806 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-1806 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
SiO ₂	2.1	Na ₂ O	<0.01
Al ₂ O ₃	0.5	MgO	6.1
Fe ₂ O ₃	25.0	K ₂ O	0.1
CaO	10.0	TiO ₂	<0.1
MnO	0.4	LOI	16.8
S	27.6	C	4.7

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-1806-1	3.56	3.23	3.64	3.41	3.43	3.59	3.517	3.494	3.442	3.290	3.482	3.55	3.50	3.58	3.27
ME-1806-2	3.50	3.10	3.65	3.40	3.46	3.48	3.384	3.387	3.212	3.264	3.393	3.30	3.32	3.54	3.32
ME-1806-3	3.45	3.19	3.63	3.34	3.48	3.29	3.604	3.397	3.386	3.352	3.425	3.52	3.32	3.54	3.44
ME-1806-4	3.41	3.26	3.66	3.36	3.37	3.35	3.846	3.546	3.345	3.344	3.395	3.32	3.32	3.53	3.56
ME-1806-5	3.61	3.18	3.91	3.21	3.38	3.31	3.469	3.477	3.361	3.351	3.466	3.30	3.33	3.59	3.45
ME-1806-6	3.53	3.46	3.58	3.65	3.41	3.57	3.515	3.673	3.406	3.262	3.485	3.41	3.36	3.46	3.27
ME-1806-7	3.32	3.24	3.70	3.89	3.29	3.53	3.687	3.442	3.355	3.276	3.396	3.35	3.56	3.50	3.38
ME-1806-8	3.52	3.27	3.54	3.79	3.38	3.28	3.552	3.397	3.594	3.320	3.490	3.22	3.39	3.50	3.57
ME-1806-9	3.38	3.29	3.82	3.31	3.58	3.44	3.563	3.345	3.299	3.233	3.390	2.84	3.46	3.59	3.36
ME-1806-10	3.40	3.25	3.48	3.54	3.56	3.32	3.443	3.555	3.321	3.269	3.443	3.34	3.46	3.51	3.41
Mean	3.468	3.247	3.661	3.490	3.434	3.416	3.558	3.471	3.372	3.296	3.437	3.315	3.402	3.534	3.403
Std. Dev.	0.091	0.093	0.127	0.222	0.089	0.121	0.132	0.099	0.100	0.043	0.042	0.195	0.087	0.043	0.106
% RSD	2.62	2.86	3.46	6.36	2.59	3.53	3.71	2.86	2.97	1.29	1.22	5.89	2.57	1.22	3.11

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
	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-1806-1	371	419	373	344	370		374		364	349	330	362	376	374	
ME-1806-2	368	390	368	357	350		363		362	347	328	367	355	379	
ME-1806-3	368	394	378	360	351		370		366	348	333	366	356	373	
ME-1806-4	377	362	381	368	342		364		361	348	334	362	361	381	
ME-1806-5	374	363	351	369	373		361		364	352	330	362	383	365	
ME-1806-6	374	397	365	372	365		365		363	350	336	363	371	369	
ME-1806-7	410	359	356	368	361		371		360	349	333	365	388	382	
ME-1806-8	379	413	356	354	352		375		366	344	334	362	387	381	
ME-1806-9	373	359	365	360	359		377		362	347	328	362	385	373	
ME-1806-10	375	400	395	362	361		373		363	350	329	361	365	377	
Mean	377	386	369	361	358		369		363	348	331	363	373	375	
Std. Dev.	12.151	23.037	13.382	8.422	9.663		5.638		1.969	2.171	2.706	1.857	12.902	5.621	
% RSD	3.22	5.97	3.63	2.33	2.70		1.53		0.54	0.62	0.82	0.51	3.46	1.50	
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-1806-1	361	381	369	379	365	365		382	370	378	374	385	371	367	374
ME-1806-2	366	380	376	376	362	365		375	368	377	368	388	368	364	372
ME-1806-3	363	386	365	372	370	360		379	369	369	369	383	369	376	369
ME-1806-4	364	376	374	373	369	370		373	372	375	370	380	371	377	374
ME-1806-5	369	366	355	373	366	365		374	363	373	369	389	369	368	369
ME-1806-6	355	371	365	371	371	370		386	367	378	370	381	371	367	373
ME-1806-7	365	384	370	368	371	370		381	362	375	374	385	373	379	375
ME-1806-8	351	373	366	376	366	370		382	368	374	372	390	368	373	377
ME-1806-9	342	375	362	370	369	365		378	367	379	374	387	369	368	374
ME-1806-10	331	364	363	372	371	365		382	360	378	373	388	374	359	383
Mean	357	376	367	373	368	367		379	367	376	371	386	370	370	374
Std. Dev.	12.157	7.321	6.096	3.232	3.091	3.375		4.185	3.777	3.062	2.327	3.406	2.058	6.303	4.028
% RSD	3.41	1.95	1.66	0.87	0.84	0.92		1.10	1.03	0.82	0.63	0.88	0.56	1.70	1.08
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-1806-1	380	362	371	367	363	375		372	351	365	369.2	381	371	383	369
ME-1806-2	376	363	369	364	362	370		376	347	371	371.1	381	372	383	365
ME-1806-3	367	369	364	369	368	370		380	361	371	371.2	386	368	369	362
ME-1806-4	362	368	368	364	360	375		380	363	367	366.1	384	367	367	367
ME-1806-5	369	360	369	365	364	380		374	366	371	369.1	380	371	377	375
ME-1806-6	370	366	367	360	369	380		383	355	366	372.7	382	370	382	368
ME-1806-7	362	362	371	361	370	380		383	353	368	374.4	372	375	383	365
ME-1806-8	365	361	373	371	371	380		377	352	364	372.4	370	371	381	366
ME-1806-9	381	375	363	367	375	370		377	354	368	369.4	382	367	378	367
ME-1806-10	366	385	363	382	362	370		382	350	366	366.5	383	365	383	363
Mean	370	367	368	367	366	375		378	355	368	370.2	380	370	379	367
Std. Dev.	6.957	7.781	3.521	6.254	4.881	4.714		3.806	6.143	2.584	2.664	5.109	2.946	6.004	3.622
% RSD	1.88	2.12	0.96	1.70	1.33	1.26		1.01	1.73	0.70	0.72	1.34	0.80	1.59	0.99

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-1806-1	0.209	0.211	0.211	0.217	0.214	0.219	0.22	0.216		0.207	0.217	0.228	0.221	0.210	0.212
ME-1806-2	0.211	0.215	0.220	0.214	0.211	0.220	0.22	0.214		0.209	0.213	0.225	0.221	0.210	0.215
ME-1806-3	0.211	0.215	0.217	0.215	0.217	0.219	0.22	0.215		0.206	0.216	0.224	0.220	0.220	0.214
ME-1806-4	0.212	0.211	0.217	0.218	0.214	0.215	0.22	0.212		0.209	0.213	0.222	0.221	0.210	0.214
ME-1806-5	0.212	0.208	0.208	0.222	0.214	0.213	0.22	0.217		0.209	0.214	0.230	0.221	0.210	0.213
ME-1806-6	0.206	0.211	0.212	0.218	0.214	0.210	0.23	0.219		0.209	0.212	0.222	0.218	0.210	0.214
ME-1806-7	0.211	0.217	0.214	0.215	0.216	0.212	0.21	0.222		0.209	0.216	0.228	0.221	0.220	0.218
ME-1806-8	0.209	0.209	0.213	0.221	0.213	0.218	0.22	0.216		0.211	0.217	0.227	0.221	0.210	0.221
ME-1806-9	0.204	0.209	0.208	0.215	0.214	0.215	0.22	0.213		0.209	0.216	0.232	0.216	0.210	0.217
ME-1806-10	0.207	0.208	0.216	0.215	0.215	0.215	0.22	0.220		0.210	0.214	0.230	0.221	0.220	0.219
Mean	0.209	0.211	0.214	0.217	0.214	0.216	0.220	0.216		0.209	0.215	0.227	0.220	0.213	0.216
Std. Dev.	0.003	0.003	0.004	0.003	0.002	0.003	0.005	0.003		0.001	0.002	0.003	0.002	0.005	0.003
% RSD	1.31	1.52	1.86	1.27	0.76	1.55	2.14	1.46		0.67	0.87	1.52	0.79	2.27	1.35

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-1806-1	0.218	0.208	0.216	0.216	0.211	0.216		0.213		0.213	0.219	0.226	0.216	0.220	0.220
ME-1806-2	0.212	0.209	0.212	0.215	0.212	0.215		0.214		0.216	0.221	0.224	0.216	0.220	0.219
ME-1806-3	0.212	0.212	0.216	0.221	0.211	0.214		0.215		0.217	0.216	0.232	0.214	0.210	0.218
ME-1806-4	0.209	0.211	0.216	0.220	0.211	0.217		0.217		0.213	0.216	0.230	0.212	0.210	0.216
ME-1806-5	0.210	0.207	0.215	0.212	0.213	0.217		0.213		0.215	0.219	0.221	0.214	0.210	0.221
ME-1806-6	0.205	0.210	0.220	0.217	0.213	0.213		0.219		0.212	0.219	0.225	0.213	0.220	0.218
ME-1806-7	0.207	0.204	0.219	0.219	0.219	0.216		0.212		0.213	0.221	0.223	0.216	0.220	0.216
ME-1806-8	0.208	0.207	0.222	0.218	0.216	0.219		0.218		0.212	0.218	0.222	0.217	0.210	0.219
ME-1806-9	0.218	0.211	0.217	0.211	0.219	0.216		0.221		0.214	0.221	0.225	0.214	0.220	0.216
ME-1806-10	0.208	0.219	0.221	0.216	0.210	0.217		0.215		0.212	0.214	0.229	0.211	0.210	0.211
Mean	0.211	0.210	0.217	0.217	0.214	0.216		0.216		0.214	0.218	0.226	0.214	0.215	0.217
Std. Dev.	0.004	0.004	0.003	0.003	0.003	0.002		0.003		0.002	0.002	0.004	0.002	0.005	0.003
% RSD	2.09	1.92	1.41	1.50	1.57	0.79		1.37		0.87	1.06	1.59	0.91	2.45	1.30
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-1806-1	5.89	6.06	5.96	5.90	5.80	5.74	6.12	6.01		5.68	5.82	6.23	5.82	5.78	5.80
ME-1806-2	5.84	6.03	6.12	5.83	5.77	5.83	6.11	5.95		5.72	5.78	6.22	5.75	5.88	5.84
ME-1806-3	5.78	6.13	5.93	5.90	5.94	5.77	6.14	5.90		5.67	5.83	6.19	5.73	5.89	5.78
ME-1806-4	5.91	6.14	6.09	5.98	5.88	5.81	6.11	5.94		5.71	5.79	6.14	5.82	5.83	5.81
ME-1806-5	5.78	5.97	5.75	6.07	5.84	5.71	6.15	5.92		5.69	5.81	5.99	5.70	5.87	5.74
ME-1806-6	5.78	6.01	5.97	6.02	5.87	5.70	6.23	6.07		5.71	5.77	6.03	5.79	5.91	5.81
ME-1806-7	5.82	6.02	5.96	5.90	5.94	5.72	6.04	6.00		5.77	5.91	6.16	5.77	5.80	5.85
ME-1806-8	5.79	6.04	5.85	6.09	5.86	5.71	6.12	5.94		5.72	5.92	6.14	5.71	5.71	5.85
ME-1806-9	5.71	6.06	5.82	5.90	5.91	5.72	6.17	5.90		5.81	5.87	6.08	5.81	5.74	5.82
ME-1806-10	5.70	6.11	5.89	5.93	5.85	5.72	6.12	5.98		5.76	5.83	6.10	5.80	5.95	5.86
Mean	5.80	6.06	5.93	5.95	5.87	5.74	6.13	5.96		5.72	5.84	6.13	5.77	5.84	5.82
Std. Dev.	0.068	0.055	0.114	0.085	0.055	0.045	0.049	0.054		0.044	0.053	0.079	0.045	0.077	0.037
% RSD	1.17	0.91	1.93	1.42	0.94	0.79	0.79	0.91		0.76	0.91	1.28	0.78	1.33	0.63
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-1806-1	6.07	5.64	5.93	5.88	5.73	5.81					5.85	6.08	5.70	5.84	5.89
ME-1806-2	6.02	5.68	5.82	5.83	5.80	5.87					5.91	6.11	5.71	5.80	5.87
ME-1806-3	5.96	5.72	5.80	5.85	5.85	5.78					5.82	6.15	5.78	5.90	5.84
ME-1806-4	5.84	5.72	5.82	5.84	5.74	5.75					5.84	6.20	5.74	5.88	5.84
ME-1806-5	5.94	5.62	5.88	5.82	5.76	5.84					5.88	6.02	5.83	5.74	5.97
ME-1806-6	6.04	5.74	5.80	5.78	5.83	5.82					5.91	6.11	5.79	5.91	5.87
ME-1806-7	5.82	5.57	5.91	5.79	5.89	5.82					5.96	6.10	5.72	5.93	5.86
ME-1806-8	5.90	5.62	5.87	5.92	5.89	5.89					5.88	6.06	5.75	5.75	5.88
ME-1806-9	6.17	5.81	5.79	5.90	6.01	5.89					5.94	6.13	5.73	5.78	5.84
ME-1806-10	5.97	5.98	5.82	6.07	5.73	5.82					5.78	6.23	5.74	5.79	5.79
Mean	5.97	5.71	5.84	5.87	5.82	5.83					5.88	6.12	5.75	5.83	5.87
Std. Dev.	0.107	0.118	0.050	0.084	0.090	0.045					0.055	0.063	0.040	0.069	0.046
% RSD	1.79	2.07	0.85	1.43	1.55	0.78					0.93	1.03	0.70	1.19	0.79

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-1806-1	13.6	13.9	13.7	14.4	14.0	13.2	13.94	14.02		14.03	13.46	14.15	14.4	13.5	13.7
ME-1806-2	13.7	13.9	14.2	14.2	14.0	13.5	14.00	13.96		14.20	13.39	14.08	14.3	13.8	13.8
ME-1806-3	13.6	14.0	14.2	13.9	14.3	13.4	14.07	14.02		13.99	13.53	14.02	14.3	14.0	13.8
ME-1806-4	13.7	13.9	14.1	14.1	14.1	13.6	13.94	13.92		14.11	13.36	14.16	14.3	13.6	13.8
ME-1806-5	13.7	13.8	13.6	14.2	14.0	13.4	14.05	14.25		14.16	13.46	13.81	14.2	13.9	13.7
ME-1806-6	13.4	13.9	13.8	14.2	14.1	13.3	14.25	14.36		14.11	13.33	13.87	14.2	13.8	13.9
ME-1806-7	13.6	14.6	13.9	13.9	14.2	13.4	13.77	14.61		14.25	13.38	13.96	14.3	13.6	14.1
ME-1806-8	13.7	13.8	13.9	14.2	14.0	13.4	14.01	14.12		14.10	13.45	13.95	14.3	13.5	14.2
ME-1806-9	13.4	13.8	13.6	14.0	14.2	13.3	14.07	13.86		14.28	13.57	13.97	14.4	13.5	14.0
ME-1806-10	13.5	13.6	14.1	14.0	14.1	13.3	14.00	14.45		14.27	13.50	13.94	14.3	13.8	14.2
Mean	13.6	13.9	13.9	14.1	14.1	13.4	14.01	14.16		14.15	13.44	13.99	14.3	13.7	13.9
Std. Dev.	0.120	0.262	0.242	0.160	0.098	0.114	0.122	0.250		0.100	0.077	0.113	0.067	0.183	0.192
% RSD	0.88	1.88	1.75	1.14	0.69	0.85	0.87	1.77		0.71	0.57	0.81	0.47	1.33	1.38

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-1806-1	14.0	13.6	13.9	13.95	14.15	13.5		13.26		14.12	13.29	13.85	13.8	13.7	14.20
ME-1806-2	13.8	13.8	13.7	13.90	14.20	13.6		13.33		14.28	13.42	13.80	13.9	13.9	14.00
ME-1806-3	13.5	13.8	14.0	13.90	14.10	13.4		13.62		14.42	13.22	13.82	13.7	13.9	14.10
ME-1806-4	13.3	13.9	13.8	13.85	14.20	13.4		13.51		14.01	13.24	13.87	13.9	13.7	13.95
ME-1806-5	13.7	13.7	13.9	13.80	14.35	13.5		13.25		14.32	13.36	13.85	14.0	13.7	14.30
ME-1806-6	13.7	14.0	14.2	13.75	14.30	13.6		14.00		14.21	13.43	13.72	13.8	13.5	14.10
ME-1806-7	13.3	13.6	14.0	13.90	14.60	13.4		13.73		14.27	13.56	13.79	13.8	13.5	13.90
ME-1806-8	13.5	13.8	14.3	14.05	14.40	13.6		13.70		14.15	13.35	13.74	13.9	13.7	14.00
ME-1806-9	14.1	14.1	14.1	13.90	14.70	13.8		13.65		14.11	13.50	13.83	13.7	13.7	13.95
ME-1806-10	13.5	14.4	14.2	14.10	14.15	13.7		13.85		14.23	13.22	13.84	13.5	13.9	13.65
Mean	13.6	13.9	14.0	13.91	14.32	13.6		13.59		14.21	13.36	13.81	13.8	13.7	14.02
Std. Dev.	0.272	0.245	0.176	0.105	0.201	0.135		0.252		0.118	0.118	0.048	0.141	0.148	0.178
% RSD	1.99	1.77	1.25	0.75	1.41	1.00		1.85		0.83	0.88	0.35	1.02	1.08	1.27
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-1806-1	18.6	17.9	17.50	17.15	17.25	17.4	17.52	17.92		17.39	17.72	21.22	18.2	17.4	17.25
ME-1806-2	18.7	17.9	17.95	16.90	17.10	17.7	17.71	17.76		17.52	17.53	21.12	17.9	17.5	17.45
ME-1806-3	18.5	18.0	17.45	17.10	17.65	17.4	17.80	17.71		17.39	17.84	21.04	17.9	17.6	17.25
ME-1806-4	18.5	17.8	17.85	17.30	17.40	17.2	17.47	17.81		17.62	17.47	21.17	18.1	17.4	17.25
ME-1806-5	18.8	17.4	16.85	17.85	17.35	17.4	17.84	17.70		17.65	17.68	20.87	18.0	17.6	17.10
ME-1806-6	18.2	17.5	17.50	17.45	17.40	17.1	17.76	18.06		17.54	17.62	20.76	17.9	17.4	17.35
ME-1806-7	18.3	18.4	17.45	17.15	17.60	17.2	17.47	17.91		17.81	18.08	21.05	18.0	17.7	17.40
ME-1806-8	18.6	17.6	17.20	17.60	17.40	17.6	17.70	17.84		17.46	18.10	20.99	18.0	17.4	17.45
ME-1806-9	17.9	17.6	17.05	17.10	17.45	17.2	17.83	17.72		17.67	17.88	21.12	18.1	17.3	17.35
ME-1806-10	18.4	17.4	17.30	17.15	17.30	17.3	17.66	17.87		17.73	17.89	21.10	18.2	17.7	17.90
Mean	18.5	17.8	17.41	17.28	17.39	17.4	17.68	17.83		17.58	17.78	21.04	18.0	17.5	17.38
Std. Dev.	0.264	0.314	0.334	0.282	0.160	0.190	0.143	0.114		0.142	0.213	0.140	0.116	0.141	0.214
% RSD	1.43	1.77	1.92	1.63	0.92	1.10	0.81	0.64		0.81	1.20	0.66	0.64	0.81	1.23
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-1806-1	18.6	17.4	18.1	17.10	17.30	17.2		17.13		17.82	17.84	20.36	17.5	17.8	17.9
ME-1806-2	18.4	17.6	17.7	17.05	17.40	17.4		17.08		17.94	17.95	20.25	17.7	17.9	17.8
ME-1806-3	18.2	17.7	17.7	17.45	17.60	17.2		17.15		18.00	17.49	20.38	17.4	18.1	17.7
ME-1806-4	17.9	17.8	17.7	17.65	17.25	17.3		17.23		17.67	17.56	20.28	17.5	18.0	17.8
ME-1806-5	18.6	17.5	17.9	16.75	17.30	17.4		16.91		17.94	17.86	20.52	17.7	17.8	18.1
ME-1806-6	18.2	17.6	17.7	17.30	17.50	17.4		17.55		17.81	17.94	20.38	17.5	18.1	17.8
ME-1806-7	17.9	17.3	18.0	17.35	17.75	17.4		17.02		17.81	18.25	20.58	17.5	17.9	17.8
ME-1806-8	17.9	17.6	17.9	17.20	17.70	17.4		17.36		17.87	18.11	20.66	17.6	17.5	17.9
ME-1806-9	18.7	18.0	17.7	16.75	18.10	17.4		17.44		17.70	18.10	20.55	17.4	17.5	17.7
ME-1806-10	17.9	18.2	17.8	17.15	17.20	17.3		17.15		17.81	17.58	20.34	17.2	17.7	17.6
Mean	18.2	17.7	17.8	17.18	17.51	17.3		17.20		17.84	17.87	20.43	17.5	17.8	17.8
Std. Dev.	0.327	0.271	0.144	0.285	0.282	0.084		0.196		0.104	0.256	0.138	0.149	0.216	0.135
% RSD	1.79	1.53	0.81	1.66	1.61	0.49		1.14		0.59	1.43	0.67	0.85	1.21	0.76

Notes:

Labs 6,8 and 15 did not report Ag assayed by fire assay with gravimetric finish.
 Lab 7 did not report Ag assayed by using Aqua Regia and 4 Acid digestion with instrumental finish methods.
 Lab 7 did not report Cu, Pb, Zn and Fe assayed by using Aqua Regia digestion with instrumental finish method.
 Labs 9 did not report Cu, Pb, Zn and Fe assayed by using Aqua Regia digestion with instrumental finish method.
 Pb values assayed by utilizing 4 Acid and aqua regia digestion methods were higher than Lab 10 and 8 detection limits.
 Ag results assayed by utilizing 4 Acid digestion method from Lab 12 were removed for failing the t test.
 Ag results assayed by utilizing Aqua Regia digestion method from Lab 9 were removed for failing the t test.
 Ag results assayed by utilizing Fire Assay/gravimetric finish method from Lab 2 and 11 were removed for failing the t test.
 Cu results assayed by utilizing 4 Acid and Aqua Regia digestion methods from Lab 12 were removed for failing the t test.
 Pb results assayed by utilizing Aqua Regia digestion method from Lab 9 were removed for failing the t test.
 Zn results assayed by utilizing 4 Acid digestion method from Lab 6 and 11 were removed for failing the t test.
 Fe results assayed by utilizing 4 Acid and Aqua Regia digestion methods from Lab 12 were removed for failing the t test.

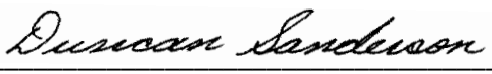
Participating Laboratories: (not in same order as table of assays)

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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