

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-1309

Recommended values and the “Between Lab” Two Standard Deviations

<i>Gold</i>	<i>0.113 g/t ± 0.024 g/t</i>	<i>Provisional value</i>
<i>Platinum</i>	<i>0.707 g/t ± 0.056 g/t</i>	<i>Certified value</i>
<i>Palladium</i>	<i>0.363 g/t ± 0.020 g/t</i>	<i>Certified value</i>
<i>Silver</i>	<i>2.5 g/t</i>	<i>Indicated value</i>
<i>Nickel</i>	<i>0.194 % ± 0.015 %</i>	<i>Certified value</i>
<i>Copper</i>	<i>0.519 % ± 0.041 %</i>	<i>Certified value</i>
<i>Cobalt</i>	<i>0.014 % ± 0.002 %</i>	<i>Provisional value</i>

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

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: March 19, 2014

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 fifteen laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

The raw material for CDN-ME-1309 was obtained from the Wellgreen Complex, Yukon Territory, Canada. The mineralogy of this gabbro rock consists of plagioclase feldspar, pyroxene, chlorite, prehnite and calcite. Sulphide mineralization in the sample is sparse and includes chalcopyrite, pyrrhotite, pentlandite and galena (intimately associated with the pyrrhotite). Other minerals identified include titanite, ilmenite and rutile.

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

	Percent		Percent
SiO ₂	42.0	MgO	11.4
Al ₂ O ₃	9.1	K ₂ O	0.2
Fe ₂ O ₃	15.2	TiO ₂	0.7
CaO	15.7	LOI	3.8
Na ₂ O	0.6	S	2.6

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, Pt, Pd: Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Ag, Cu, Co, Ni: 4-acid digestion, AA or ICP finish.

REFERENCE MATERIAL CDN-ME-1309

Results from round-robin assaying:

	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
SAMPLE	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-1309-1	0.116	0.116	0.116	0.109	0.115	0.155	0.106	0.117	0.121	0.105	0.110	0.115	0.097	0.13	0.104
ME-1309-2	0.131	0.117	0.096	0.112	0.095	0.087	0.107	0.127	0.114	0.126	0.138	0.104	0.135	0.10	0.097
ME-1309-3	0.109	0.104	0.102	0.107	0.106	0.239	0.119	0.138	0.121	0.115	0.106	0.101	0.092	0.13	0.113
ME-1309-4	0.112	0.132	0.103	0.104	0.130	0.085	0.112	0.138	0.105	0.122	0.129	0.116	0.105	0.11	0.111
ME-1309-5	0.111	0.119	0.124	0.105	0.116	0.150	0.101	0.126	0.115	0.092	0.135	0.169	0.100	0.13	0.116
ME-1309-6	0.127	0.123	0.108	0.104	0.116	0.160	0.104	0.117	0.103	0.133	0.111	0.103	0.112	0.13	0.117
ME-1309-7	0.111	0.136	0.090	0.115	0.131	0.096	0.115	0.120	0.110	0.095	0.109	0.122	0.102	0.11	0.102
ME-1309-8	0.121	0.094	0.117	0.113	0.110	0.102	0.12	0.112	0.102	0.099	0.110	0.083	0.137	0.13	0.115
ME-1309-9	0.147	0.150	0.101	0.098	0.126	0.102	0.114	0.134	0.114	0.111	0.123	0.130	0.095	0.14	0.104
ME-1309-10	0.117	0.157	0.117	0.110	0.110	0.115	0.106	0.138	0.101	0.098	0.111	0.109	0.102	0.16	0.110
Mean	0.120	0.125	0.107	0.108	0.116	0.129	0.110	0.127	0.111	0.110	0.118	0.115	0.108	0.127	0.109
Std. Dev'n	0.0119	0.0195	0.0108	0.0051	0.0112	0.0479	0.0065	0.0099	0.0076	0.0141	0.0120	0.0229	0.0159	0.0170	0.0068
%RSD	9.89	15.59	10.09	4.76	9.71	37.08	5.90	7.83	6.84	12.88	10.11	19.86	14.77	13.41	6.22
	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t
ME-1309-1	0.735	0.649	0.690	0.722	0.723	0.688	0.674		0.660	0.770	0.737	0.743	0.623	0.67	0.679
ME-1309-2	0.703	0.668	0.710	0.729	0.724	0.689	0.666		0.710	0.741	0.751	0.737	0.746	0.69	0.671
ME-1309-3	0.699	0.679	0.700	0.712	0.747	0.707	0.641		0.670	0.767	0.741	0.712	0.697	0.70	0.671
ME-1309-4	0.741	0.671	0.710	0.680	0.712	0.725	0.681		0.660	0.733	0.738	0.734	0.711	0.69	0.709
ME-1309-5	0.731	0.685	0.720	0.694	0.759	0.735	0.669		0.690	0.690	0.721	0.740	0.648	0.70	0.679
ME-1309-6	0.698	0.669	0.720	0.677	0.737	0.700	0.684		0.680	0.740	0.731	0.720	0.698	0.68	0.687
ME-1309-7	0.699	0.736	0.720	0.706	0.681	0.677	0.659		0.720	0.696	0.732	0.758	0.637	0.68	0.676
ME-1309-8	0.720	0.739	0.710	0.694	0.710	0.698	0.680		0.690	0.771	0.736	0.751	0.713	0.72	0.693
ME-1309-9	0.705	0.692	0.700	0.673	0.726	0.749	0.690		0.720	0.759	0.730	0.715	0.661	0.72	0.707
ME-1309-10	0.719	0.752	0.700	0.676	0.730	0.781	0.692		0.750	0.761	0.737	0.737	0.672	0.69	0.690
Mean	0.715	0.694	0.708	0.696	0.725	0.715	0.674		0.695	0.743	0.735	0.735	0.681	0.694	0.686
Std. Dev'n	0.0164	0.0355	0.0103	0.0202	0.0215	0.0324	0.0155		0.0295	0.0294	0.0078	0.0150	0.0388	0.0165	0.0137
%RSD	2.29	5.12	1.46	2.90	2.96	4.53	2.30		4.25	3.96	1.07	2.05	5.70	2.37	1.99
	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t
ME-1309-1	0.361	0.349	0.365	0.358	0.370	0.349	0.360		0.350	0.376	0.370	0.368	0.350	0.36	0.354
ME-1309-2	0.368	0.350	0.367	0.355	0.374	0.351	0.361		0.380	0.388	0.368	0.385	0.365	0.35	0.363
ME-1309-3	0.360	0.345	0.361	0.354	0.375	0.371	0.345		0.360	0.385	0.360	0.378	0.357	0.36	0.355
ME-1309-4	0.370	0.355	0.361	0.340	0.371	0.378	0.365		0.350	0.379	0.365	0.379	0.376	0.35	0.353
ME-1309-5	0.372	0.353	0.361	0.341	0.377	0.375	0.364		0.350	0.381	0.357	0.382	0.363	0.35	0.353
ME-1309-6	0.365	0.364	0.371	0.345	0.377	0.376	0.364		0.360	0.378	0.363	0.364	0.363	0.36	0.349
ME-1309-7	0.360	0.354	0.359	0.347	0.359	0.368	0.354		0.370	0.383	0.362	0.365	0.366	0.36	0.356
ME-1309-8	0.365	0.359	0.370	0.346	0.371	0.370	0.361		0.360	0.387	0.365	0.366	0.371	0.36	0.349
ME-1309-9	0.360	0.350	0.362	0.338	0.365	0.366	0.359		0.360	0.384	0.364	0.359	0.358	0.36	0.345
ME-1309-10	0.363	0.360	0.357	0.342	0.363	0.393	0.368		0.380	0.394	0.365	0.370	0.369	0.36	0.345
Mean	0.364	0.354	0.363	0.347	0.370	0.370	0.360		0.362	0.384	0.364	0.372	0.364	0.357	0.352
Std. Dev'n	0.0044	0.0057	0.0047	0.0069	0.0061	0.0128	0.0065		0.0114	0.0054	0.0037	0.0088	0.0075	0.0048	0.0055
%RSD	1.21	1.62	1.29	1.99	1.65	3.46	1.82		3.14	1.40	1.02	2.36	2.06	1.35	1.55

NOTE: Laboratory 8 was unable to supply Pt, Pd data.

REFERENCE MATERIAL *CDN-ME-1309*

Results from round-robin assaying:

	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-1309-1	2.5	1.4	2	2.9	3	3.0	2.7	3.2	2.9	2.4	2.1	2.8	1.9	1.8	2.8
ME-1309-2	2.4	1.5	<2	2.6	3	3.2	2.6	2.7	2.9	2.3	2.4	2.6	2.0	1.6	2.5
ME-1309-3	2.4	1.7	<2	2.8	3	2.8	2.5	2.5	3.6	2.5	2.6	2.6	1.9	1.5	2.7
ME-1309-4	2.1	1.6	<2	2.9	3	3.0	2.5	3.1	3.0	2.3	2.6	2.6	1.9	1.6	2.8
ME-1309-5	2.3	1.8	<2	2.9	3	2.8	2.6	2.6	3.3	2.5	2.4	3.1	1.9	1.6	2.7
ME-1309-6	2.3	1.4	<2	2.5	3	2.9	2.7	2.9	3.2	2.6	2.5	2.6	1.9	1.8	2.6
ME-1309-7	2.3	1.7	<2	2.7	4	3.3	2.7	2.6	3.2	2.6	2.8	2.5	1.7	1.7	2.8
ME-1309-8	2.5	1.8	<2	2.7	4	3.3	2.5	2.6	3.2	2.6	2.3	2.6	1.9	1.7	2.5
ME-1309-9	2.6	1.7	<2	3.0	3	2.8	2.5	2.9	3.1	2.5	2.5	2.3	1.9	1.8	2.8
ME-1309-10	2.3	1.5	<2	3.0	2	2.9	2.6	3.0	3.0	2.6	2.5	2.5	1.9	2.0	2.9
Mean	2.4	1.6	2.0	2.8	3.1	3.0	2.6	2.8	3.1	2.5	2.5	2.6	1.9	1.7	2.7
Std. Dev'n	0.14	0.15	#DIV/0!	0.17	0.57	0.20	0.09	0.24	0.21	0.12	0.19	0.21	0.07	0.14	0.14
%RSD	5.98	9.64	#DIV/0!	6.07	18.31	6.67	3.38	8.63	6.75	4.81	7.65	8.01	3.90	8.47	5.06
	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm	Co ppm
ME-1309-1	148	160	129	148	140	154	112	150	158	134	146	147	139	140	126
ME-1309-2	148	158	130	155	140	154	112	145	162	136	146	149	139	140	123
ME-1309-3	149	156	131	156	150	155	113	148	158	139	150	148	133	140	126
ME-1309-4	144	147	130	150	150	154	111	148	155	137	146	147	130	137	128
ME-1309-5	146	159	125	145	140	154	110	149	157	135	144	144	130	134	126
ME-1309-6	143	160	130	153	140	152	114	143	160	140	148	145	131	135	125
ME-1309-7	146	161	129	159	140	154	112	145	157	137	149	144	128	138	126
ME-1309-8	146	164	129	150	140	153	111	147	158	139	145	147	131	136	124
ME-1309-9	147	155	136	155	140	154	114	149	159	143	148	142	129	137	129
ME-1309-10	141	163	132	155	150	153	115	148	153	140	149	146	128	135	125
Mean	146	158	130	153	143	154	112	147	158	138	147	146	132	137	126
Std. Dev'n	2.5	4.8	2.8	4.3	4.8	0.8	1.6	2.2	2.5	2.7	2.0	2.1	4.1	2.3	1.8
%RSD	1.70	3.01	2.13	2.80	3.38	0.54	1.40	1.50	1.58	1.96	1.34	1.46	3.09	1.64	1.39
	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm	Cu ppm
ME-1309-1	5480	5335	5580	5255	5350	5116	4770	5136	5435	4930	5620	5190	4440	4893	4911
ME-1309-2	5590	5274	5730	5306	5300	5029	4860	5029	5476	5110	5320	5090	4500	4905	5025
ME-1309-3	5520	5286	5710	5393	5370	5010	4980	5034	5338	5040	5460	5080	4140	4941	5173
ME-1309-4	5350	5226	5410	5311	5270	4999	4850	5140	5194	5170	5370	5110	4090	4877	5110
ME-1309-5	5390	5237	5360	5318	5250	5010	4870	5305	5248	4960	5400	4950	4190	4792	4930
ME-1309-6	5250	5275	5600	5322	5230	4992	5030	5101	5402	5010	5330	4930	4210	4846	5009
ME-1309-7	5420	5292	5470	5320	5260	5004	5030	5048	5499	5100	5360	4950	4040	4936	5131
ME-1309-8	5400	5323	5490	5233	5290	4986	4950	5209	5330	5120	5300	4960	4110	4734	5027
ME-1309-9	5430	5266	5520	5182	5320	5042	4980	5207	5501	5240	5490	4860	4090	4848	5156
ME-1309-10	5210	5328	5560	5267	5390	4975	5000	5108	5199	5180	5410	4980	4050	4789	5096
Mean	5404	5284	5543	5291	5303	5016	4932	5132	5362	5086	5406	5010	4186	4856	5057
Std. Dev'n	115.1	36.7	119.1	58.5	53.6	40.1	88.7	88.4	119.0	99.8	96.4	101.8	159.8	67.9	91.1
%RSD	2.13	0.69	2.15	1.11	1.01	0.80	1.80	1.72	2.22	1.96	1.78	2.03	3.82	1.40	1.80
	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm	Ni ppm
ME-1309-1	2080	1999	1820	1979	2050	1989	1900	1865	2130	1750	1940	1900	1810	1912	1651
ME-1309-2	2100	1959	1810	2022	2010	1972	1884	1866	2162	1810	1900	1890	1820	1908	1672
ME-1309-3	2090	1951	1850	2031	2090	1973	1932	1874	2131	1840	1960	1900	1740	1912	1723
ME-1309-4	2010	1851	1740	2013	2030	1973	1868	1910	2082	1800	1920	1890	1690	1876	1740
ME-1309-5	2060	1977	1670	2007	2020	1990	1868	1932	2092	1780	1910	1910	1710	1820	1727
ME-1309-6	2010	1998	1730	2009	1980	1972	1932	1866	2156	1830	1930	1850	1720	1840	1658
ME-1309-7	2070	2003	1710	2019	2040	1975	1900	1865	2139	1820	1930	1880	1670	1889	1724
ME-1309-8	2050	2037	1680	1976	2050	1971	1884	1879	2136	1860	1910	1880	1690	1842	1699
ME-1309-9	2060	1934	1850	2018	2050	1994	1932	1901	2145	1900	1950	1880	1680	1861	1764
ME-1309-10	2000	2017	1820	2030	2080	1982	1964	1894	2089	1840	1950	1920	1680	1856	1714
Mean	2053	1973	1768	2010	2040	1979	1906	1885	2126	1823	1930	1890	1721	1872	1707
Std. Dev'n	35.3	53.2	69.6	19.1	32.3	8.8	32.2	23.2	28.5	41.9	20.0	19.4	53.8	33.0	36.8
%RSD	1.72	2.70	3.93	0.95	1.58	0.45	1.69	1.23	1.34	2.30	1.04	1.03	3.13	1.76	2.15

NOTES: Co data from laboratory 7 was excluded for failing the “t” test.
Cu data from laboratory 13 was excluded for failing the “t” test.
Ni data from laboratories 3, 9, 13 and 15 was excluded for failing the “t” test.

REFERENCE MATERIAL CDN-ME-1309

Participating Laboratories:

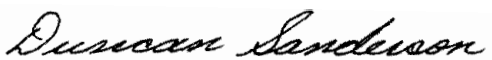
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Acme Analytical Laboratories Ltd., Santiago, Chile
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Actlabs-Kamloops, B.C., Canada
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Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


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