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-9

Recommended values and the "Between Lab" Two Standard Deviations

Gold	*0.154 g/t*	± *0.042 g/t*	*(Au: provisional value only, RSD = 13.9%)*
Platinum	***0.664 g/t***	± ***0.058 g/t***	
Palladium	***1.286 g/t***	± ***0.102 g/t***	
Copper	***0.654 %***	± ***0.036%***	
Cobalt	***0.017 %***	± ***0.002%***	
Nickel	***0.912%***	± ***0.062%***	

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: February 20, 2010

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:

This standard is made from a mixture of several ores: 385 kg from Teck's Mesaba property in Minnesota, 245 kg of FNX Mining ore from the Sudbury Basin and 70 kg from Xstrata's Raglan mine in Quebec.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	47.3		MgO	7.2
Al2O3	12.3		K2O	0.9
Fe2O3	19.0		TiO2	0.6
CaO	5.9		LOI	2.5
Na2O	2.4		S	3.4

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).
Cu, Co, Ni: 4-acid digestion, AA or ICP finish.

REFERENCE MATERIAL CDN-ME-9

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
	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-9-1	0.124	0.150	0.16	0.14	0.102	0.131	0.151	0.197	0.151	0.124	0.157	0.14	0.167	0.129	0.203
ME-9-2	0.119	0.168	0.21	0.17	0.145	0.127	0.176	0.184	0.238	0.143	0.151	0.16	0.146	0.176	0.170
ME-9-3	0.168	0.180	0.15	0.16	0.138	0.169	0.143	0.247	0.116	0.195	0.151	0.15	0.129	0.122	0.182
ME-9-4	0.130	0.173	0.15	0.16	0.148	0.125	0.120	0.192	0.133	0.140	0.159	0.14	0.134	0.141	0.185
ME-9-5	0.128	0.140	0.19	0.15	0.146	0.164	0.184	0.234	0.182	0.142	0.150	0.14	0.115	0.162	0.174
ME-9-6	0.140	0.160	0.17	0.20	0.121	0.138	0.187	0.193	0.170	0.160	0.158	0.15	0.121	0.162	0.190
ME-9-7	0.118	0.158	0.20	0.18	0.153	0.192	0.196	0.195	0.173	0.127	0.156	0.16	0.130	0.133	0.172
ME-9-8	0.144	0.119	0.16	0.19	0.190	0.160	0.135	0.189	0.192	0.166	0.167	0.16	0.204	0.138	0.185
ME-9-9	0.140	0.196	0.15	0.17	0.121	0.165	0.191	0.182	0.159	0.156	0.150	0.14	0.150	0.144	0.178
ME-9-10	0.122	0.156	0.16	0.16	0.147	0.171	0.122	0.209	0.122	0.145	0.154	0.16	0.156	0.174	0.172
Mean	0.133	0.160	0.170	0.168	0.141	0.154	0.161	0.202	0.164	0.150	0.155	0.150	0.145	0.148	0.181
Std. Devn.	0.0153	0.0214	0.0221	0.0190	0.0236	0.0225	0.0295	0.0217	0.0364	0.0207	0.0053	0.0094	0.0261	0.0191	0.0102
% RSD	11.46	13.39	13.01	11.37	16.71	14.61	18.41	10.74	22.25	13.82	3.43	6.29	18.00	12.89	5.64
	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-9-1	0.653	0.744	0.63	0.66	0.639	0.617	0.639	0.670	0.706	0.622		0.67	0.665	0.590	0.763
ME-9-2	0.666	0.680	0.65	0.70	0.661	0.723	0.637	0.730	0.688	0.653		0.68	0.715	0.587	0.712
ME-9-3	0.650	0.709	0.67	0.64	0.607	0.675	0.660	0.700	0.691	0.648		0.67	0.654	0.586	0.745
ME-9-4	0.686	0.691	0.67	0.65	0.639	0.681	0.614	0.640	0.670	0.593		0.67	0.659	0.571	0.794
ME-9-5	0.637	0.713	0.64	0.66	0.640	0.667	0.714	0.700	0.673	0.660		0.65	0.672	0.594	0.683
ME-9-6	0.631	0.667	0.67	0.68	0.641	0.683	0.682	0.800	0.660	0.627		0.69	0.647	0.595	0.676
ME-9-7	0.622	0.668	0.71	0.67	0.615	0.683	0.603	0.720	0.703	0.613		0.65	0.641	0.585	0.746
ME-9-8	0.581	0.656	0.68	0.62	0.688	0.699	0.610	0.720	0.693	0.670		0.67	0.673	0.599	0.794
ME-9-9	0.601	0.680	0.62	0.67	0.657	0.673	0.668	0.730	0.697	0.648		0.66	0.626	0.595	0.781
ME-9-10	0.625	0.684	0.66	0.67	0.634	0.691	0.670	0.690	0.667	0.633		0.69	0.645	0.576	0.755
Mean	0.635	0.689	0.660	0.663	0.642	0.679	0.650	0.710	0.685	0.637		0.670	0.660	0.588	0.745
Std. Devn.	0.0307	0.0263	0.0262	0.0219	0.0230	0.0270	0.0355	0.0424	0.0161	0.0235		0.0141	0.0242	0.0089	0.0424
% RSD	4.83	3.81	3.98	3.30	3.58	3.97	5.46	5.98	2.35	3.69		2.11	3.67	1.51	5.70
	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-9-1	1.35	1.35	1.24	1.25	1.23	1.27	1.20	1.32	1.34	1.26		1.32	1.29	1.19	1.11
ME-9-2	1.36	1.34	1.29	1.28	1.26	1.37	1.21	1.35	1.30	1.27		1.31	1.31	1.24	1.28
ME-9-3	1.26	1.38	1.35	1.20	1.19	1.36	1.24	1.33	1.33	1.26		1.33	1.28	1.18	1.23
ME-9-4	1.26	1.36	1.34	1.27	1.24	1.39	1.25	1.30	1.31	1.25		1.30	1.27	1.22	1.26
ME-9-5	1.30	1.33	1.26	1.31	1.28	1.30	1.30	1.34	1.37	1.27		1.30	1.29	1.22	1.25
ME-9-6	1.28	1.36	1.30	1.32	1.23	1.36	1.31	1.41	1.33	1.26		1.34	1.26	1.21	1.31
ME-9-7	1.28	1.31	1.29	1.28	1.20	1.37	1.15	1.36	1.34	1.22		1.29	1.28	1.21	1.33
ME-9-8	1.17	1.33	1.27	1.30	1.28	1.37	1.27	1.35	1.32	1.28		1.34	1.28	1.22	1.23
ME-9-9	1.26	1.34	1.26	1.34	1.27	1.33	1.30	1.42	1.34	1.25		1.30	1.24	1.22	1.24
ME-9-10	1.25	1.33	1.23	1.20	1.24	1.38	1.27	1.36	1.33	1.26		1.30	1.27	1.21	1.18
Mean	1.28	1.34	1.28	1.28	1.24	1.35	1.25	1.35	1.33	1.26		1.31	1.27	1.21	1.24
Std. Devn.	0.0536	0.0188	0.0395	0.0472	0.0312	0.0383	0.0521	0.0372	0.0191	0.0162		0.0183	0.0184	0.0169	0.0638
% RSD	4.20	1.40	3.08	3.70	2.51	2.84	4.17	2.75	1.44	1.29		1.39	1.45	1.39	5.14

NOTE: Au data from Lab. 8 was excluded for failing the "t" test.
Pt data from Labs 14 and 15 was excluded for failing the "t" test.

REFERENCE MATERIAL CDN-ME-9

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
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
ME-9-1	0.647	0.65	0.662	0.649	0.652	0.648	0.677	0.65	0.679	0.649	0.642	0.617	0.672	0.678	0.773
ME-9-2	0.659	0.65	0.673	0.646	0.646	0.631	0.694	0.68	0.677	0.630	0.648	0.626	0.673	0.674	0.800
ME-9-3	0.639	0.66	0.700	0.646	0.637	0.618	0.694	0.63	0.678	0.646	0.678	0.642	0.661	0.671	0.691
ME-9-4	0.660	0.65	0.660	0.645	0.640	0.658	0.683	0.63	0.678	0.635	0.649	0.620	0.663	0.670	0.654
ME-9-5	0.647	0.66	0.660	0.659	0.639	0.616	0.681	0.63	0.662	0.628	0.652	0.635	0.669	0.676	0.877
ME-9-6	0.655	0.64	0.677	0.655	0.640	0.650	0.686	0.66	0.667	0.624	0.655	0.626	0.666	0.675	0.849
ME-9-7	0.657	0.66	0.671	0.653	0.645	0.643	0.669	0.63	0.674	0.646	0.646	0.642	0.668	0.674	0.775
ME-9-8	0.656	0.66	0.674	0.651	0.644	0.634	0.665	0.64	0.660	0.619	0.657	0.625	0.657	0.681	0.701
ME-9-9	0.645	0.64	0.678	0.654	0.628	0.656	0.678	0.60	0.671	0.658	0.651	0.637	0.664	0.676	0.732
ME-9-10	0.647	0.67	0.673	0.652	0.638	0.623	0.684	0.59	0.666	0.621	0.658	0.616	0.662	0.671	0.824
Mean	0.651	0.652	0.673	0.651	0.641	0.638	0.681	0.634	0.671	0.636	0.654	0.629	0.665	0.675	0.768
Std. Devn.	0.0071	0.0105	0.0117	0.0045	0.0064	0.0155	0.0094	0.0263	0.0070	0.0134	0.0099	0.0098	0.0050	0.0034	0.0726
% RSD	1.09	1.60	1.74	0.69	1.00	2.43	1.39	4.15	1.05	2.10	1.51	1.56	0.75	0.50	9.45
	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co	% Co
ME-9-1	0.018	0.016	0.020	0.017	0.015	0.015	0.022	0.017	0.017	0.017	0.016	0.017	0.017	0.019	0.018
ME-9-2	0.018	0.016	0.020	0.017	0.016	0.015	0.021	0.017	0.018	0.016	0.016	0.016	0.017	0.019	0.018
ME-9-3	0.017	0.016	0.020	0.017	0.016	0.016	0.021	0.017	0.017	0.017	0.017	0.017	0.017	0.019	0.018
ME-9-4	0.018	0.016	0.019	0.018	0.015	0.016	0.020	0.017	0.017	0.017	0.016	0.016	0.017	0.019	0.018
ME-9-5	0.018	0.016	0.019	0.017	0.016	0.015	0.020	0.017	0.017	0.016	0.016	0.016	0.017	0.019	0.017
ME-9-6	0.018	0.016	0.019	0.017	0.015	0.016	0.020	0.017	0.017	0.016	0.016	0.017	0.017	0.019	0.018
ME-9-7	0.018	0.016	0.019	0.017	0.016	0.015	0.020	0.017	0.017	0.017	0.016	0.016	0.017	0.019	0.017
ME-9-8	0.018	0.016	0.020	0.017	0.015	0.016	0.019	0.017	0.017	0.016	0.016	0.016	0.017	0.019	0.018
ME-9-9	0.017	0.016	0.020	0.017	0.016	0.015	0.020	0.017	0.017	0.017	0.016	0.017	0.017	0.019	0.018
ME-9-10	0.018	0.016	0.020	0.017	0.016	0.016	0.018	0.017	0.017	0.017	0.016	0.017	0.017	0.019	0.017
Mean	0.018	0.016	0.020	0.017	0.015	0.016	0.020	0.017	0.017	0.017	0.016	0.016	0.017	0.019	0.018
Std. Devn.	0.0004	0.0002	0.0005	0.0002	0.0003	0.0004	0.0011	0.0002	0.0002	0.0002	0.0003	0.0003	0.0001	0.0002	0.0003
% RSD	2.18	1.20	2.63	1.36	2.03	2.68	5.48	1.05	1.04	1.31	1.96	1.62	0.82	1.15	1.62
	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni	% Ni
ME-9-1	0.915	0.900	0.903	0.895	0.962	0.949	0.926	0.88	0.895	0.902	0.960	0.945	0.887	0.866	0.918
ME-9-2	0.945	0.913	0.929	0.895	0.957	0.933	0.933	0.85	0.938	0.878	0.965	0.881	0.887	0.852	1.040
ME-9-3	0.894	0.908	0.926	0.886	0.947	0.922	0.970	0.86	0.923	0.901	0.956	0.909	0.888	0.865	0.901
ME-9-4	0.921	0.903	0.889	0.903	0.947	1.050	0.927	0.86	0.943	0.889	0.956	0.942	0.885	0.859	0.982
ME-9-5	0.910	0.922	0.886	0.881	0.942	0.934	0.927	0.86	0.937	0.904	0.962	0.950	0.893	0.862	1.048
ME-9-6	0.914	0.873	0.875	0.885	0.940	0.963	0.933	0.85	0.910	0.883	0.965	0.890	0.896	0.859	0.900
ME-9-7	0.909	0.903	0.902	0.892	0.958	0.937	0.927	0.85	0.919	0.934	0.963	0.931	0.889	0.854	0.914
ME-9-8	0.919	0.904	0.913	0.887	0.948	0.946	0.912	0.88	0.913	0.888	0.968	0.923	0.890	0.892	1.045
ME-9-9	0.912	0.882	0.996	0.879	0.955	0.938	0.923	0.81	0.914	0.908	0.958	0.927	0.887	0.872	0.914
ME-9-10	0.920	0.930	0.908	0.897	0.956	0.925	0.920	0.82	0.919	0.882	0.967	0.893	0.894	0.863	1.012
Mean	0.916	0.904	0.913	0.890	0.951	0.950	0.930	0.852	0.921	0.897	0.962	0.919	0.890	0.864	0.967
Std. Devn.	0.0128	0.0169	0.0338	0.0076	0.0074	0.0372	0.0154	0.0225	0.0146	0.0167	0.0044	0.0246	0.0037	0.0113	0.0642
% RSD	1.40	1.87	3.71	0.86	0.78	3.92	1.66	2.64	1.59	1.86	0.45	2.68	0.41	1.31	6.64

NOTE: Cu data from Lab 15 was excluded for failing the "t" test.
Co data from Lab 7 was excluded for failing the "t" test.

REFERENCE MATERIAL CDN-ME-9

Participating Laboratories:

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

Acme Analytical Laboratories Ltd., Vancouver
Accurassay, Ontario, Canada
Actlabs-Ancaster, Ontario, Canada
Actlabs-Thunder Bay, Ontario, Canada
ALS Chemex Laboratories, North Vancouver
Assayers Canada Ltd., Vancouver
CIMM, Lima, Peru
Eco Tech, B.C., Canada
Genalysis Laboratory, Australia
Inspectorate, Lima, Peru
Labtium Laboratory, Finland
Omac Laboratories Ltd., Ireland
SGS Toronto, Ontario, Canada
TSL Laboratories Ltd., Saskatoon
Ultra Trace Analytical Laboratories, Australia

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Certified by Duncan Sanderson

Duncan Sanderson, Certified Assayer of B.C.

Geochemist B.W. Smee

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