CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-CM-10

Recommended values and the "Between Lab" Two Standard Deviations

Gold:	*1.16*	*± 0.12 g/t*
Copper:	*0.987*	*± 0.050 %*
Molybdenum:	*0.059*	*± 0.004 %*

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: January 19, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-10 was prepared using a North American calc-alkalic copper-gold-molybdenum porphyry ore. It is derived from altered granodiorite, mafic to intermediate volcanic and volcaniclastic sedimentary rocks. Mineralization is principally pyrite, chalcopyrite and molybdenite that occurs in veins, stockworks and disseminations. 780 kg of this ore was blended with 20 kg of a Cu-Au-Mo concentrate.

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 blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

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

	Percent			Percent
SiO2	65.7		MgO	1.8
Al2O3	12.2		K2O	1.5
Fe2O3	6.1		TiO2	0.5
CaO	3.8		LOI	4.1
Na2O	2.4		S	1.3
C	0.7			

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.

Results from round-robin assaying are displayed on the following page.

STANDARD REFERENCE MATERIAL   CDN-CM-10

Assay Procedures: **Au:**   Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Cu, Mo: 4-acid digestion, AA or ICP 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
	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
CM-10-1	1.00	1.05	1.16	1.08	1.19	1.22	1.15	1.14	1.19	1.20	1.12	1.22	1.15	1.17	1.12
CM-10-2	0.99	1.08	1.17	0.96	1.16	1.22	1.12	1.17	1.14	1.16	1.11	1.27	1.12	1.20	1.08
CM-10-3	1.01	1.07	1.07	1.17	1.17	1.27	1.06	1.10	1.18	1.21	1.12	1.25	1.14	1.13	1.16
CM-10-4	1.06	1.11	1.17	1.13	1.12	1.20	1.20	1.11	1.33	1.13	1.21	1.19	1.09	1.10	1.26
CM-10-5	1.05	1.12	1.01	1.22	1.16	1.28	1.19	1.14	1.15	1.29	1.23	1.21	1.09	1.20	1.15
CM-10-6	0.99	1.21	1.04	1.04	1.13	1.19	1.07	1.21	1.20	1.21	1.16	1.19	1.04	1.13	1.21
CM-10-7	1.15	1.10	1.18	1.06	1.24	1.21	1.22	1.14	1.15	1.12	1.19	1.26	1.12	1.13	1.22
CM-10-8	1.09	1.05	1.14	1.11	1.20	1.22	1.14	1.19	1.27	1.21	1.11	1.27	1.13	1.18	1.21
CM-10-9	1.11	1.21	1.05	1.11	1.24	1.23	1.10	1.13	1.13	1.15	1.21	1.08	1.16	1.10	1.30
CM-10-10	1.26	1.10	1.16	1.09	1.16	1.17	1.16	1.17	1.15	1.09	1.14	1.15	1.11	1.18	1.25
Mean	1.07	1.11	1.12	1.10	1.18	1.22	1.14	1.15	1.19	1.18	1.16	1.21	1.12	1.15	1.20
Std. Devn.	0.0861	0.0579	0.0649	0.0703	0.0408	0.0322	0.0540	0.0346	0.0637	0.0583	0.0464	0.0603	0.0360	0.0374	0.0679
% RSD	8.05	5.23	5.82	6.41	3.47	2.64	4.74	3.01	5.36	4.95	4.00	4.98	3.23	3.25	5.67
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	
CM-10-1	1.167	0.987	0.999	0.98	0.98	1.014	0.949	1.040	1.02	0.963	0.975	0.998	0.975	1.03	
CM-10-2	0.983	0.974	0.975	1.00	0.97	0.996	1.020	0.971	1.04	0.960	0.988	0.984	0.944	0.96	
CM-10-3	0.966	0.956	0.983	0.98	0.98	1.017	0.971	0.941	1.03	0.978	0.957	0.990	0.886	0.99	
CM-10-4	0.965	0.990	0.959	1.03	0.97	1.004	0.948	0.982	1.01	0.958	0.970	1.013	0.945	0.98	
CM-10-5	1.030	0.964	0.968	1.03	0.99	1.006	0.964	0.911	1.04	0.941	0.968	1.014	0.954	0.99	
CM-10-6	1.014	1.040	0.951	1.00	0.98	0.991	1.020	0.945	1.03	0.991	0.977	1.001	0.955	0.98	
CM-10-7	0.990	1.040	0.970	1.03	0.98	1.006	0.966	1.020	1.01	0.969	0.979	0.992	0.960	0.99	
CM-10-8	0.974	1.000	0.957	1.03	0.99	1.002	0.953	0.945	1.03	0.990	0.967	0.990	0.955	1.01	
CM-10-9	1.003	0.957	0.983	1.01	1.00	1.004	0.973	0.979	1.00	0.988	0.954	0.994	0.962	1.01	
CM-10-10	1.011	0.996	0.951	0.98	1.01	1.008	0.972	0.964	1.01	0.976	0.986	0.999	0.972	0.97	
Mean	1.010	0.990	0.970	1.007	0.985	1.005	0.974	0.970	1.022	0.971	0.972	0.998	0.951	0.991	
Std. Devn.	0.0592	0.0304	0.0157	0.0221	0.0127	0.0076	0.0261	0.0383	0.0140	0.0164	0.0112	0.0097	0.0247	0.0208	
% RSD	5.86	3.07	1.62	2.20	1.29	0.76	2.69	3.95	1.37	1.69	1.15	0.98	2.60	2.10	
	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	
CM-10-1	0.058	0.056	0.066	0.055	0.062	0.056	0.061	0.062	0.065	0.062	0.062	0.0588	0.0603	0.055	
CM-10-2	0.057	0.057	0.063	0.056	0.060	0.056	0.062	0.061	0.067	0.062	0.061	0.0599	0.0596	0.055	
CM-10-3	0.057	0.055	0.066	0.057	0.061	0.056	0.062	0.062	0.067	0.060	0.063	0.0595	0.0555	0.055	
CM-10-4	0.057	0.057	0.062	0.058	0.059	0.058	0.060	0.060	0.067	0.061	0.061	0.0596	0.0600	0.055	
CM-10-5	0.060	0.056	0.063	0.060	0.062	0.056	0.060	0.059	0.066	0.059	0.061	0.0581	0.0590	0.054	
CM-10-6	0.061	0.057	0.061	0.059	0.059	0.057	0.061	0.060	0.068	0.060	0.061	0.0589	0.0597	0.055	
CM-10-7	0.057	0.057	0.064	0.062	0.060	0.056	0.061	0.060	0.065	0.061	0.061	0.0586	0.0564	0.055	
CM-10-8	0.058	0.057	0.062	0.059	0.057	0.056	0.060	0.061	0.063	0.060	0.061	0.0589	0.0570	0.054	
CM-10-9	0.058	0.056	0.064	0.058	0.058	0.056	0.060	0.060	0.065	0.062	0.063	0.0590	0.0603	0.055	
CM-10-10	0.062	0.057	0.061	0.058	0.058	0.055	0.060	0.061	0.066	0.059	0.061	0.0596	0.0607	0.055	
Mean	0.059	0.057	0.063	0.058	0.060	0.056	0.061	0.061	0.066	0.061	0.061	0.059	0.059	0.055	
Std. Devn.	0.0018	0.0007	0.0018	0.0020	0.0017	0.0008	0.0008	0.0010	0.0014	0.0012	0.0007	0.0005	0.0019	0.0004	
% RSD	3.15	1.25	2.87	3.42	2.87	1.39	1.36	1.59	2.20	2.03	1.17	0.92	3.16	0.77	

Note: *"Mo" data from laboratory 9 was excluded from the calculations for failing the t test.*
Laboratory 15 was unable to supply 4-acid digestion data for Cu and Mo.

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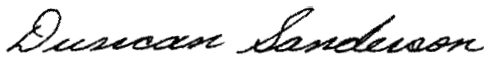
Participating Laboratories:
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
AGAT laboratories, Mississauga, Ontario, Canada
Alaska Assay Laboratories, Alaska, USA
Alex Stewart Assayers, Mendoza, Argentina
ALS Chemex, North Vancouver, B.C., Canada
Assayers Canada Ltd., Vancouver, B.C., Canada
Eco Tech Laboratory Ltd., Kamloops, B.C., Canada
Genalysis, Perth, Australia
Labtium Inc., Finland
Omac, Ireland
Skyline Laboratory, Arizona, USA
TSL Laboratories Ltd., Saskatoon, SK, Canada
Ultra Trace, Perth, Australia

Certified by   _____
                        Duncan Sanderson, Certified Assayer of B.C.

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