

CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-CM-3

Recommended values and the “Between Lab” Two Standard Deviations

Gold: 0.46 ± 0.06 g/t
Copper: 0.548 ± 0.021 %
Molybdenum: 0.029 ± 0.003 %

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: September 27, 2007

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 7 days in a double-cone blender. Splits were taken and sent to 13 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-3 was prepared using 800 kg of a blank granitic ore, 3 kg of a high-grade molybdenum ore and 16 kg of a gold-copper concentrate.

Approximate chemical composition is as follows:

	Percent			Percent
SiO ₂	58.6		MgO	2.4
Al ₂ O ₃	16.4		K ₂ O	1.8
Fe ₂ O ₃	8.2		TiO ₂	0.7
CaO	3.7		LOI	2.5
Na ₂ O	3.8		S	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-3

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
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
CM3-1	0.49	0.44	0.46	0.45	0.47	0.44	0.45	0.48	0.44	0.46	0.44	0.50	0.43
CM3-2	0.46	0.44	0.51	0.46	0.51	0.51	0.48	0.49	0.44	0.49	0.54	0.50	0.46
CM3-3	0.45	0.43	0.42	0.46	0.47	0.49	0.47	0.45	0.44	0.52	0.45	0.50	0.48
CM3-4	0.41	0.43	0.51	0.46	0.50	0.45	0.45	0.44	0.44	0.54	0.46	0.51	0.46
CM3-5	0.39	0.51	0.49	0.40	0.46	0.49	0.51	0.44	0.48	0.50	0.53	0.50	0.46
CM3-6	0.42	0.48	0.41	0.45	0.47	0.55	0.44	0.44	0.50	0.46	0.53	0.51	0.47
CM3-7	0.49	0.45	0.47	0.43	0.57	0.45	0.44	0.45	0.46	0.50	0.55	0.50	0.49
CM3-8	0.46	0.46	0.43	0.44	0.52	0.54	0.52	0.42	0.45	0.48	0.48	0.51	0.48
CM3-9	0.41	0.42	0.45	0.47	0.53	0.49	0.44	0.47	0.45	0.45	0.43	0.50	0.48
CM3-10	0.39	0.49	0.42	0.46	0.47	0.45	0.48	0.47	0.45	0.48	0.47	0.50	0.47
Mean	0.44	0.45	0.46	0.45	0.50	0.49	0.47	0.46	0.46	0.49	0.49	0.50	0.47
Std. Dev'n	0.0373	0.0275	0.0381	0.0198	0.0356	0.0389	0.0287	0.0216	0.0201	0.0275	0.046	0.0028	0.0169
%RSD	8.53	6.05	8.35	4.42	7.16	8.01	6.15	4.73	4.43	5.63	9.34	0.55	3.60
	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %
CM3-1	0.54	0.551	0.562	0.557	0.521	0.556	0.559	0.563	0.545	0.551	0.540	0.54	0.591
CM3-2	0.55	0.540	0.553	0.556	0.526	0.535	0.548	0.567	0.542	0.551	0.542	0.53	0.568
CM3-3	0.55	0.547	0.556	0.534	0.540	0.534	0.551	0.569	0.543	0.547	0.548	0.54	0.560
CM3-4	0.55	0.542	0.562	0.550	0.534	0.542	0.555	0.562	0.542	0.554	0.540	0.53	0.591
CM3-5	0.54	0.550	0.560	0.558	0.535	0.548	0.557	0.568	0.542	0.551	0.542	0.52	0.591
CM3-6	0.55	0.549	0.550	0.550	0.534	0.560	0.561	0.555	0.537	0.555	0.553	0.54	0.568
CM3-7	0.54	0.545	0.557	0.548	0.528	0.514	0.551	0.566	0.542	0.549	0.543	0.53	0.584
CM3-8	0.55	0.549	0.553	0.559	0.537	0.533	0.568	0.567	0.539	0.549	0.550	0.52	0.560
CM3-9	0.55	0.550	0.558	0.547	0.533	0.529	0.564	0.575	0.539	0.550	0.544	0.53	0.560
CM3-10	0.54	0.546	0.551	0.554	0.534	0.554	0.544	0.569	0.539	0.554	0.540	0.53	0.568
Mean	0.546	0.547	0.557	0.551	0.532	0.541	0.556	0.566	0.541	0.551	0.544	0.531	0.574
Std. Dev'n	0.0052	0.0037	0.0042	0.0074	0.0056	0.0142	0.0075	0.0052	0.0023	0.0026	0.005	0.0074	0.0136
%RSD	0.95	0.67	0.76	1.35	1.05	2.63	1.34	0.91	0.42	0.46	0.84	1.39	2.37
	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %
CM3-1	0.028	0.028	0.028	0.029	0.027	0.027	0.028	0.030	0.031	0.028	0.032	0.03	0.0287
CM3-2	0.027	0.025	0.029	0.030	0.027	0.027	0.028	0.031	0.029	0.029	0.030	0.03	0.0283
CM3-3	0.029	0.027	0.029	0.030	0.028	0.027	0.029	0.030	0.030	0.029	0.031	0.03	0.0285
CM3-4	0.028	0.027	0.029	0.030	0.026	0.028	0.028	0.031	0.030	0.029	0.031	0.03	0.0285
CM3-5	0.028	0.027	0.029	0.029	0.027	0.027	0.028	0.030	0.029	0.029	0.031	0.03	0.0284
CM3-6	0.028	0.032	0.028	0.029	0.028	0.028	0.029	0.030	0.029	0.030	0.032	0.04	0.0282
CM3-7	0.027	0.032	0.028	0.031	0.027	0.027	0.028	0.030	0.029	0.030	0.031	0.03	0.0281
CM3-8	0.028	0.030	0.028	0.031	0.028	0.028	0.029	0.031	0.030	0.030	0.031	0.03	0.0280
CM3-9	0.027	0.031	0.029	0.030	0.027	0.028	0.029	0.030	0.030	0.029	0.030	0.03	0.0284
CM3-10	0.027	0.028	0.028	0.030	0.027	0.029	0.028	0.030	0.030	0.030	0.032	0.04	0.0283
Mean	0.028	0.029	0.029	0.030	0.027	0.028	0.028	0.030	0.030	0.029	0.031	0.032	0.028
Std. Dev'n	0.0007	0.0024	0.0005	0.0007	0.0006	0.0007	0.0005	0.0004	0.0007	0.0007	0.001	0.004	0.000
%RSD	2.44	8.38	1.85	2.47	2.33	2.53	1.82	1.27	2.43	2.30	1.88	13.18	0.73

Note: "Au" data from laboratory 12 was excluded from the calculations for suspected averaging.
 "Cu" data from laboratory 13 was excluded from the calculations for failing the t test.

STANDARD REFERENCE MATERIAL CDN-CM-3

Participating Laboratories:

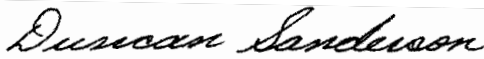
(not in same order as listed in table of results)

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ALS Chemex Laboratories, North Vancouver
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Certified by



Duncan Sanderson, Certified Assayer of B.C.

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