

CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-CM-4

Recommended values and the "Between Lab" Two Standard Deviations

Gold: 1.18 ± 0.12 g/t
Copper: 0.508 ± 0.025 %
Molybdenum: 0.032 ± 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: July 7, 2008

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 12 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-4 was prepared using 780 kg of a blank granitic ore, 6 kg of a high-grade molybdenum ore and 15 kg of a gold-copper concentrate.

Approximate chemical composition is as follows:

	Percent			Percent
SiO ₂	54.0		MgO	5.1
Al ₂ O ₃	13.4		K ₂ O	1.0
Fe ₂ O ₃	10.7		TiO ₂	1.0
CaO	6.0		LOI	3.7
Na ₂ O	2.6		S	2.0

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-4

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
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
CM4-1	1.22	1.19	1.07	1.31	1.16	1.10	1.21	1.13	1.25	1.27	1.14	1.15
CM4-2	1.17	1.22	1.17	1.25	1.12	1.19	1.25	1.11	1.20	1.28	1.19	1.23
CM4-3	1.22	1.22	1.21	1.16	1.19	1.07	1.16	1.18	1.18	1.28	1.21	1.27
CM4-4	1.10	1.24	1.15	1.21	1.04	1.17	1.18	1.18	1.20	1.22	1.26	1.10
CM4-5	1.11	1.11	1.09	1.17	1.26	1.17	1.23	1.09	1.21	1.25	1.17	1.16
CM4-6	1.02	1.17	1.30	1.23	1.21	1.09	1.21	1.05	1.27	1.21	1.33	1.00
CM4-7	1.35	1.15	1.25	1.19	1.16	1.17	1.21	1.17	1.19	1.23	1.29	1.19
CM4-8	1.18	1.16	1.10	1.24	1.13	1.10	1.16	1.11	1.19	1.22	1.14	1.19
CM4-9	1.11	1.12	1.17	1.25	1.24	1.09	1.26	1.11	1.24	1.27	1.13	1.22
CM4-10	1.18	1.20	1.11	1.22	1.36	1.08	1.14	1.15	1.16	1.21	1.15	1.31
Mean	1.16	1.18	1.16	1.22	1.19	1.12	1.20	1.13	1.21	1.24	1.20	1.18
Std. Dev/r	0.0883	0.0437	0.0742	0.0436	0.0878	0.0460	0.0401	0.0423	0.0341	0.0287	0.0702	0.0878
%RSD	7.58	3.71	6.39	3.57	7.40	4.09	3.34	3.75	2.82	2.31	5.84	7.43
	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %
CM4-1	0.518	0.509	0.519	0.510	0.493	0.499	0.504	0.533	0.513	0.453	0.510	0.486
CM4-2	0.516	0.500	0.522	0.497	0.488	0.488	0.501	0.522	0.515	0.451	0.516	0.512
CM4-3	0.519	0.493	0.515	0.473	0.502	0.491	0.501	0.529	0.516	0.455	0.515	0.520
CM4-4	0.518	0.502	0.525	0.519	0.481	0.510	0.504	0.526	0.520	0.460	0.507	0.516
CM4-5	0.516	0.498	0.511	0.504	0.481	0.495	0.505	0.533	0.522	0.471	0.517	0.514
CM4-6	0.505	0.502	0.511	0.474	0.478	0.493	0.504	0.525	0.520	0.474	0.489	0.512
CM4-7	0.511	0.497	0.517	0.505	0.482	0.498	0.497	0.527	0.519	0.457	0.525	0.493
CM4-8	0.510	0.500	0.515	0.501	0.489	0.494	0.506	0.521	0.521	0.461	0.507	0.536
CM4-9	0.512	0.485	0.524	0.511	0.496	0.496	0.498	0.522	0.515	0.459	0.494	0.513
CM4-10	0.519	0.514	0.530	0.494	0.497	0.507	0.506	0.523	0.521	0.454	0.474	0.506
Mean	0.514	0.500	0.519	0.499	0.489	0.497	0.503	0.526	0.518	0.460	0.505	0.511
Std. Dev/r	0.0047	0.0080	0.0063	0.0151	0.0081	0.0068	0.0032	0.0044	0.0031	0.0076	0.015	0.0138
%RSD	0.91	1.59	1.21	3.03	1.67	1.38	0.64	0.83	0.61	1.65	3.05	2.71
	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %
CM4-1	0.029	0.030	0.032	0.034	0.031	0.035	0.025	0.034	0.033	0.033	0.031	0.030
CM4-2	0.030	0.028	0.033	0.033	0.030	0.035	0.026	0.034	0.034	0.034	0.032	0.030
CM4-3	0.029	0.030	0.031	0.033	0.031	0.035	0.026	0.034	0.033	0.034	0.030	0.032
CM4-4	0.029	0.028	0.031	0.033	0.029	0.034	0.027	0.034	0.033	0.034	0.031	0.033
CM4-5	0.029	0.028	0.031	0.032	0.030	0.034	0.026	0.035	0.033	0.035	0.031	0.033
CM4-6	0.029	0.029	0.032	0.033	0.030	0.034	0.029	0.034	0.033	0.034	0.031	0.032
CM4-7	0.029	0.029	0.032	0.032	0.030	0.035	0.026	0.035	0.033	0.033	0.031	0.031
CM4-8	0.028	0.029	0.032	0.031	0.031	0.035	0.026	0.034	0.033	0.032	0.031	0.033
CM4-9	0.029	0.028	0.032	0.032	0.031	0.034	0.028	0.034	0.033	0.033	0.030	0.034
CM4-10	0.028	0.029	0.032	0.032	0.031	0.034	0.026	0.035	0.034	0.034	0.030	0.032
Mean	0.029	0.029	0.032	0.033	0.030	0.035	0.027	0.034	0.033	0.034	0.031	0.032
Std. Dev/r	0.0004	0.0008	0.0004	0.0008	0.0007	0.0003	0.0012	0.0004	0.0003	0.0008	0.0006	0.0013
%RSD	1.35	2.74	1.39	2.61	2.30	0.98	4.45	1.19	0.89	2.53	2.05	4.17

Note: "Cu" data from laboratory 10 was excluded from the calculations for failing the t test.

"Mo" data from laboratory 7 was excluded from the calculations for failing the t test.

STANDARD REFERENCE MATERIAL CDN-CM-4

Participating Laboratories:

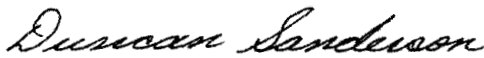
(not in same order as listed in table of results)

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Activation Laboratories Ltd., Ontario
Assayers Canada Ltd., Vancouver B.C.
ALS Chemex Laboratories, North Vancouver
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Certified by



Duncan Sanderson, Certified Assayer of B.C.

Geochemist



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