CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-CM-1

Recommended values and the "Between Lab" Two Standard Deviations

Gold	***1.85***	***±***	***0.16 g/t***
Copper	***0.853***	***±***	***0.020 %***
Molybdenum	***0.076***	***±***	***0.008 %***

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: April 12, 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 6 days in a double cone blender. Splits were taken and sent to twelve laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Pacific Sentinel from the Casino Property in British Columbia. Copper-gold-molybdenum mineralization is genetically related to a breccia and microbreccia pipe of fine grained quartz monzonites, intrusion breccias, and plagioclase-porphyritic intrusions that may be subvolcanic in origin, comprising part of the 72-74 Ma Casino Intrusive Complex. Roughly centred on the microbreccia pipe, both the alteration and mineralization are zoned. Innermost is the potassic alteration suite consisting of K-feldspar, biotite, magnetite, anhydrite, gypsum, and pyrite, chalcopyrite, molybdenite, and gold.
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Standard CDN-CM-1 was made by combining 680 kg of Casino material with 20 kg of a Au-Cu-Mo concentrate.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	63.1		MgO	1.4
Al2O3	13.6		K2O	4.6
Fe2O3	6.3		TiO2	0.5
CaO	1.8		LOI	5.6
Na2O	1.5		S	2.8

Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean ± 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. The Au data from one laboratory and the Ag data from another laboratory were excluded as theydid not pass the "t" test. 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 presented on the following page:

Assay Procedures:

Au: Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Cu, Mo: 4-acid digestion, AA or ICP finish.

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	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	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
CM1-1	1.80	1.94	1.90	1.79	1.78	1.99	1.93	1.86	1.92	1.88	1.66	1.98
CM1-2	1.84	1.82	1.76	1.86	1.82	1.97	1.93	1.82	1.80	1.85	1.61	1.85
CM1-3	1.91	1.78	1.77	1.97	1.89	1.83	1.81	1.72	1.94	1.90	1.75	1.81
CM1-4	2.00	1.87	1.75	1.97	1.86	1.84	1.81	1.73	1.75	1.91	1.72	1.75
CM1-5	1.83	1.76	1.90	1.96	1.71	1.81	1.80	1.78	1.86	1.83	1.69	1.87
CM1-6	2.00	1.76	2.02	1.84	1.65	1.82	1.79	1.85	1.90	1.87	1.69	1.91
CM1-7	1.91	1.80	1.86	1.90	1.63	1.87	1.77	1.86	1.86	1.85	1.65	1.91
CM1-8	1.92	1.97	1.83	1.83	1.74	1.96	1.91	1.84	1.82	1.89	1.75	1.80
CM1-9	1.82	1.96	1.97	1.94	1.77	1.94	1.82	1.95	1.94	1.90	1.74	1.85
CM1-10	2.01	1.89	1.91	1.86	1.70	1.80	1.76	2.06	1.91	1.93	1.66	1.85
Mean	1.90	1.86	1.87	1.89	1.76	1.88	1.83	1.85	1.87	1.88	1.69	1.86
Std. Dev'n	0.0805	0.0822	0.0907	0.0655	0.0858	0.0739	0.0649	0.1008	0.0635	0.0311	0.0486	0.0649
%RSD	4.23	4.43	4.86	3.46	4.89	3.93	3.54	5.46	3.40	1.65	2.87	3.50
	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %
CM1-1	0.845	0.865	0.851	0.849	0.793	0.856	0.850	0.840	0.846	0.859	0.857	0.860
CM1-2	0.870	0.845	0.854	0.851	0.827	0.861	0.850	0.850	0.849	0.863	0.855	0.872
CM1-3	0.822	0.865	0.853	0.847	0.843	0.848	0.845	0.848	0.833	0.851	0.862	0.870
CM1-4	0.880	0.869	0.870	0.852	0.834	0.860	0.849	0.853	0.842	0.861	0.860	0.854
CM1-5	0.848	0.870	0.869	0.853	0.832	0.862	0.855	0.843	0.843	0.863	0.874	0.870
CM1-6	0.834	0.863	0.857	0.850	0.826	0.853	0.840	0.854	0.846	0.854	0.864	0.865
CM1-7	0.840	0.849	0.853	0.857	0.837	0.858	0.841	0.843	0.838	0.850	0.864	0.862
CM1-8	0.838	0.856	0.847	0.859	0.828	0.850	0.845	0.850	0.848	0.855	0.856	0.863
CM1-9	0.845	0.858	0.854	0.860	0.845	0.838	0.845	0.848	0.850	0.850	0.856	0.869
CM1-10	0.833	0.864	0.837	0.846	0.845	0.850	0.845	0.854	0.842	0.857	0.870	0.864
Mean	0.846	0.860	0.856	0.852	0.831	0.854	0.847	0.848	0.844	0.856	0.862	0.865
Std. Dev'n	0.0174	0.0083	0.0079	0.0049	0.0152	0.0074	0.0045	0.0049	0.0052	0.0051	0.0064	0.0055
%RSD	2.06	0.96	0.92	0.57	1.83	0.87	0.53	0.58	0.62	0.60	0.74	0.64
	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %
CM1-1	0.070	0.071	0.069	0.077	0.070	0.073	0.076	0.082	0.081	0.080	0.079	0.076
CM1-2	0.072	0.071	0.071	0.078	0.070	0.075	0.075	0.082	0.081	0.083	0.080	0.078
CM1-3	0.074	0.072	0.071	0.078	0.072	0.073	0.078	0.081	0.080	0.080	0.079	0.073
CM1-4	0.076	0.071	0.071	0.078	0.072	0.072	0.076	0.082	0.079	0.080	0.079	0.078
CM1-5	0.075	0.073	0.074	0.078	0.073	0.073	0.077	0.082	0.080	0.079	0.080	0.079
CM1-6	0.070	0.074	0.073	0.078	0.073	0.071	0.077	0.083	0.079	0.079	0.080	0.079
CM1-7	0.073	0.071	0.069	0.077	0.072	0.074	0.078	0.081	0.079	0.079	0.081	0.078
CM1-8	0.075	0.072	0.071	0.078	0.072	0.073	0.077	0.082	0.079	0.077	0.080	0.080
CM1-9	0.076	0.072	0.072	0.078	0.072	0.072	0.076	0.081	0.081	0.080	0.080	0.079
CM1-10	0.072	0.070	0.070	0.078	0.074	0.073	0.078	0.082	0.080	0.075	0.081	0.080
Mean	0.073	0.072	0.071	0.078	0.072	0.073	0.077	0.082	0.080	0.079	0.080	0.078
Std. Dev'n	0.0023	0.0012	0.0016	0.0004	0.0012	0.0011	0.0010	0.0006	0.0009	0.0021	0.0007	0.0021
%RSD	3.09	1.62	2.24	0.54	1.73	1.51	1.34	0.77	1.11	2.67	0.92	2.70

STANDARD REFERENCE MATERIAL CDN-CM-1

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

Acme Analytical Laboratories Ltd., Vancouver
Assayers Canada Ltd., Vancouver
Alex Stewart (Assayers) Argentina
ALS Chemex Laboratories, North Vancouver
Actlabs, Ancaster, Ontario
Eco-Tech Laboratories Ltd., Kamloops
Genalysis Laboratory Services Ltd., Perth
GTK Laboratory, Finland
OMAC Laboratory Ltd., Ireland
Skyline Assayers & Laboratories, Tucson, USA
Teck Cominco - Global Discovery Laboratory, Vancouver
TSL Laboratories Ltd., Saskatoon

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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.