

CDN Resource Laboratories Ltd.

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REFERENCE STANDARD: CDN-MoS-1

Recommended value and the "Between Lab" Two Standard Deviations

Molybdenum concentration: 0.065 % ± 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: July 15, 2006

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-MoS-1 was prepared using mill feed material supplied by Thompson Creek Mining Company from their Endako Mine in British Columbia, Canada. The ore has been named Endako Quartz Monzonite consisting typically of 30% quartz, 35% pink tinged K-feldspar, 30% white to green tinged plagioclase with 5% partially chloritized black biotite. Primary ore minerals are molybdenite, pyrite and magnetite with minor amounts of chalcopyrite and traces of bornite, bismuthinite, scheelite and specularite.

METHOD OF PREPARATION:

Reject ore material was dried, 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 commercial laboratories for round robin assaying. Round robin results are displayed below:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %	Mo %
	0.059	0.061	0.066	0.061	0.067	0.068	0.068	0.063	0.068	0.069	0.068	0.061
	0.056	0.059	0.065	0.060	0.067	0.068	0.069	0.064	0.067	0.069	0.066	0.060
	0.059	0.060	0.065	0.059	0.067	0.069	0.070	0.064	0.066	0.070	0.067	0.060
	0.055	0.061	0.067	0.058	0.068	0.066	0.072	0.065	0.067	0.071	0.067	0.065
	0.060	0.059	0.064	0.062	0.068	0.066	0.073	0.065	0.067	0.070	0.066	0.062
	0.060	0.062	0.064	0.062	0.067	0.066	0.073	0.066	0.068	0.068	0.067	0.056
	0.057	0.061	0.066	0.062	0.068	0.068	0.073	0.065	0.067	0.071	0.068	0.062
	0.055	0.062	0.066	0.061	0.069	0.066	0.072	0.060	0.067	0.070	0.068	0.061
	0.057	0.060	0.065	0.064	0.067	0.065	0.073	0.064	0.068	0.071	0.067	0.063
	0.059	0.060	0.065	0.062	0.067	0.064	0.072	0.063	0.067	0.069	0.067	0.061
Mean	0.058	0.060	0.065	0.061	0.067	0.067	0.072	0.064	0.067	0.070	0.067	0.061
Std. Dev.	0.002	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.002
%RSD	3.37	1.53	1.45	2.83	0.96	2.37	2.57	2.60	0.94	1.48	1.10	3.73

Assay Procedure: four acid digestion, AA or ICP finish..

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APPROXIMATE CHEMICAL COMPOSITION:

	Percent			Percent
SiO ₂	61.4		Na ₂ O	3.1
Al ₂ O ₃	16.3		MgO	1.2
Fe ₂ O ₃	4.7		K ₂ O	5.0
CaO	2.7		TiO ₂	0.5
MnO	0.1		LOI	3.0

Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean \pm 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. 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 Certified Limits published on other standards.

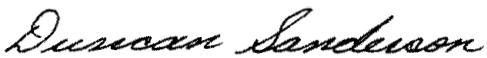
Participating Laboratories: (not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
Alex Stewart (Assayers) Argentina Ltd.
Genalysis Laboratory Services Pty. Ltd., Australia
GTK Laboratory, (Geological Survey of Finland)
International Plasma Laboratories Ltd., Vancouver
OMAC Laboratories Ltd., Ireland
SGS-XRAL, Toronto
Skyline Laboratory, Tucson, Arizona, USA
TeckCominco (Global Discovery Lab), Vancouver
TSL Laboratories, Saskatoon


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This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


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