CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-CGS-17

Recommended values and the "Between Lab" Two Standard Deviations

Copper concentration: ***2.36 ± 0.11 %***
Gold concentration ***2.43 ± 0.34 g/t (provisional only, RSD = 6.95%)***

**** Note:**

Standards with an RSD of near or less than 5 % are certified, RSD's of between 5 % and 15 % are Provisional, and RSD's over 15 % are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

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: February 15, 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 6 days in a double-cone blender. Splits were taken and sent to 12 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

This standard is made from a combination of granitic material, Au / Cu ores and concentrates.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	65.4		MgO	1.7
Al2O3	12.6		K2O	1.6
Fe2O3	7.9		TiO2	0.5
CaO	2.4		LOI	3.2
Na2O	2.5		S	2.6

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.

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Results from round-robin assaying:

Assay Procedures: **Au:** Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Cu: 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
	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)
CGS-17-1	2.19	2.38	2.20	2.63	2.31	2.47	2.32	2.37	2.57	2.46	2.33	2.09
CGS-17-2	2.42	2.31	3.02	2.49	2.54	2.71	2.78	2.37	2.44	2.28	2.54	2.27
CGS-17-3	2.33	2.64	2.55	2.46	2.64	2.19	2.59	2.33	2.86	2.24	2.36	2.44
CGS-17-4	2.49	2.53	2.79	2.42	2.54	2.55	2.22	2.57	2.41	2.31	2.65	2.29
CGS-17-5	2.17	2.62	2.07	2.29	2.36	2.70	2.06	2.61	2.55	2.37	2.10	2.27
CGS-17-6	2.43	2.41	2.42	2.41	2.42	2.62	2.99	2.50	2.74	2.94	2.70	2.21
CGS-17-7	2.20	2.58	2.01	2.47	2.38	2.29	2.14	2.40	2.64	2.38	2.17	2.44
CGS-17-8	2.50	2.39	2.31	2.52	2.28	2.53	2.04	2.37	2.28	2.76	2.52	2.25
CGS-17-9	2.48	2.18	2.27	2.35	2.43	2.22	2.39	2.37	2.71	2.42	2.59	2.30
CGS-17-10	2.25	2.12	2.46	2.59	2.37	2.61	2.69	2.54	2.27	2.35	2.56	2.21
Mean	2.35	2.42	2.41	2.46	2.43	2.49	2.42	2.44	2.55	2.45	2.45	2.28
Std. Dev.	0.134	0.179	0.314	0.103	0.114	0.191	0.327	0.102	0.197	0.224	0.203	0.105
%RSD	5.70	7.41	13.05	4.18	4.68	7.69	13.48	4.18	7.73	9.13	8.28	4.60
	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)
CGS-17-1	2.49	2.34	2.34	2.26	2.51	2.35	2.33	2.35	2.38	2.41	2.27	2.37
CGS-17-2	2.33	2.38	2.36	2.27	2.52	2.40	2.27	2.33	2.38	2.43	2.30	2.33
CGS-17-3	2.37	2.37	2.36	2.31	2.48	2.33	2.31	2.34	2.40	2.38	2.27	2.33
CGS-17-4	2.35	2.38	2.30	2.29	2.49	2.33	2.36	2.38	2.39	2.38	2.29	2.38
CGS-17-5	2.31	2.37	2.33	2.29	2.49	2.33	2.35	2.38	2.37	2.43	2.30	2.33
CGS-17-6	2.34	2.34	2.40	2.32	2.46	2.36	2.36	2.36	2.39	2.51	2.31	2.53
CGS-17-7	2.36	2.34	2.44	2.31	2.45	2.33	2.37	2.38	2.40	2.57	2.31	2.30
CGS-17-8	2.39	2.37	2.42	2.26	2.44	2.32	2.37	2.35	2.39	2.57	2.31	2.40
CGS-17-9	2.38	2.41	2.41	2.29	2.48	2.33	2.35	2.37	2.38	2.50	2.31	2.40
CGS-17-10	2.43	2.38	2.42	2.32	2.44	2.32	2.35	2.37	2.41	2.41	2.29	2.44
Mean	2.38	2.37	2.38	2.29	2.48	2.34	2.34	2.36	2.39	2.46	2.29	2.38
Std. Dev.	0.053	0.023	0.046	0.022	0.028	0.023	0.031	0.018	0.011	0.073	0.016	0.067
%RSD	2.21	0.95	1.92	0.96	1.13	0.98	1.33	0.77	0.48	2.97	0.70	2.83

Note: 1. "Au" data from laboratory 12 was excluded from the calculations for failing the "t" test

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

Acme Analytical Laboratories Ltd., Vancouver
Actlabs, Ontario, Canada
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
Alex Stewart Assayers, Argentina
Genalysis Laboratory Services Pty. Ltd., Australia
Labtium Laboratory, Finland
OMAC Laboratories Ltd., Ireland
Skyline Assayers & Laboratories, Tucson, USA
Teck Cominco - Global Discovery Laboratory, Vancouver
TSL Laboratories, Saskatoon
Ultra Trace Analytical Laboratories, Australia

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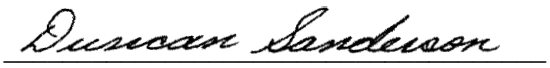
Certified by 
Duncan Sanderson, Certified Assayer of B.C.

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