

CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-CGS-18

Recommended values and the "Between Lab" Two Standard Deviations

Copper concentration: $0.319 \pm 0.015 \%$

Gold concentration $0.297 \pm 0.040 \text{ g/t}$ (provisional only, RSD = 6.86%)

**** 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 13 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

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

Approximate chemical composition is as follows:

	Percent			Percent
SiO ₂	59.2		MgO	2.0
Al ₂ O ₃	16.5		K ₂ O	2.2
Fe ₂ O ₃	7.3		TiO ₂	0.7
CaO	2.4		LOI	3.7
Na ₂ O	3.8		S	0.8

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	Lab 13
	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)
CGS-18-1	0.305	0.272	0.286	0.29	0.289	0.279	0.27	0.294	0.331	0.294	0.308	0.322	0.294
CGS-18-2	0.310	0.275	0.288	0.29	0.279	0.282	0.28	0.296	0.307	0.305	0.294	0.310	0.273
CGS-18-3	0.274	0.279	0.296	0.33	0.375	0.272	0.31	0.300	0.287	0.293	0.312	0.317	0.266
CGS-18-4	0.303	0.266	0.340	0.32	0.343	0.288	0.32	0.297	0.335	0.266	0.32	0.315	0.276
CGS-18-5	0.279	0.303	0.280	0.34	0.294	0.280	0.30	0.300	0.347	0.293	0.296	0.294	0.273
CGS-18-6	0.300	0.263	0.291	0.30	0.350	0.287	0.32	0.296	0.276	0.338	0.269	0.304	0.285
CGS-18-7	0.319	0.306	0.355	0.30	0.272	0.311	0.26	0.297	0.386	0.280	0.273	0.284	0.293
CGS-18-8	0.310	0.319	0.334	0.33	0.294	0.283	0.33	0.300	0.286	0.276	0.293	0.325	0.274
CGS-18-9	0.285	0.258	0.314	0.34	0.319	0.289	0.29	0.296	0.277	0.312	0.279	0.290	0.280
CGS-18-10	0.307	0.328	0.305	0.29	0.294	0.309	0.39	0.300	0.347	0.300	0.293	0.298	0.278
Mean	0.299	0.287	0.309	0.313	0.311	0.288	0.307	0.298	0.318	0.296	0.294	0.306	0.279
Std. Dev.	0.015	0.025	0.026	0.021	0.034	0.013	0.037	0.002	0.037	0.020	0.017	0.014	0.009
%RSD	4.96	8.70	8.39	6.74	11.04	4.38	12.10	0.75	11.64	6.85	5.67	4.61	3.23
	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)
CGS-18-1	0.316	0.326	0.303	0.317	0.317	0.327	0.330	0.310	0.334	0.324	0.333	0.312	0.322
CGS-18-2	0.324	0.326	0.303	0.315	0.316	0.324	0.327	0.310	0.340	0.325	0.309	0.310	0.305
CGS-18-3	0.319	0.323	0.305	0.316	0.317	0.318	0.324	0.320	0.329	0.329	0.318	0.316	0.313
CGS-18-4	0.315	0.330	0.303	0.316	0.319	0.323	0.332	0.320	0.332	0.322	0.316	0.317	0.293
CGS-18-5	0.314	0.325	0.311	0.313	0.319	0.323	0.328	0.320	0.335	0.322	0.317	0.316	0.313
CGS-18-6	0.315	0.321	0.311	0.322	0.318	0.325	0.327	0.310	0.343	0.324	0.323	0.313	0.302
CGS-18-7	0.318	0.325	0.308	0.315	0.317	0.325	0.329	0.320	0.334	0.323	0.318	0.314	0.312
CGS-18-8	0.317	0.321	0.304	0.314	0.322	0.322	0.331	0.320	0.333	0.320	0.322	0.314	0.307
CGS-18-9	0.320	0.328	0.308	0.317	0.324	0.323	0.319	0.310	0.339	0.329	0.315	0.315	0.303
CGS-18-10	0.315	0.324	0.312	0.318	0.319	0.322	0.324	0.320	0.335	0.324	0.317	0.315	0.311
Mean	0.317	0.325	0.307	0.316	0.319	0.323	0.327	0.316	0.335	0.324	0.319	0.314	0.308
Std. Dev.	0.003	0.003	0.004	0.002	0.002	0.002	0.004	0.005	0.004	0.003	0.006	0.002	0.008
%RSD	0.96	0.88	1.19	0.78	0.78	0.74	1.19	1.63	1.23	0.89	1.97	0.67	2.58

STANDARD REFERENCE MATERIAL CDN-CGS-18

Participating Laboratories:

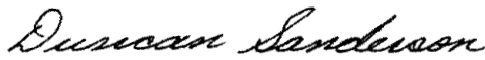
(not in same order as listed in table of results)

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Certified by



Duncan Sanderson, Certified Assayer of B.C.

Geochemist



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