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REFERENCE MATERIAL: CDN-CGS-24

Recommended values and the "Between Lab" Two Standard Deviations

Copper concentration: 0.486 ± 0.034 %
Gold concentration: 0.487 ± 0.050 g/t

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: January 14, 2010

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 14 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

This standard is made from a combination of Au / Cu ores.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	60.8		MgO	2.3
Al2O3	13.9		K2O	2.2
Fe2O3	7.7		TiO2	0.6
CaO	4.6		LOI	4.2
Na2O	2.6		S	1.3

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	Lab 14
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	Au g/t	Au g/t
CGS-24-1	0.486	0.501	0.53	0.488	0.512	0.47	0.48	0.470	0.478	0.45	0.50	0.484	0.508	0.496
CGS-24-2	0.537	0.531	0.50	0.443	0.483	0.47	0.46	0.458	0.531	0.46	0.48	0.502	0.471	0.491
CGS-24-3	0.493	0.464	0.57	0.460	0.567	0.49	0.48	0.455	0.568	0.46	0.51	0.521	0.467	0.444
CGS-24-4	0.486	0.479	0.48	0.464	0.559	0.49	0.41	0.485	0.485	0.47	0.47	0.505	0.493	0.477
CGS-24-5	0.492	0.547	0.50	0.458	0.509	0.47	0.50	0.466	0.480	0.53	0.49	0.526	0.495	0.446
CGS-24-6	0.450	0.529	0.50	0.454	0.563	0.46	0.49	0.483	0.483	0.48	0.48	0.539	0.504	0.491
CGS-24-7	0.515	0.485	0.57	0.469	0.533	0.49	0.47	0.461	0.509	0.53	0.49	0.511	0.500	0.448
CGS-24-8	0.476	0.487	0.55	0.496	0.488	0.51	0.45	0.459	0.544	0.44	0.47	0.520	0.482	0.488
CGS-24-9	0.501	0.473	0.56	0.485	0.501	0.49	0.47	0.455	0.487	0.45	0.50	0.504	0.513	0.467
CGS-24-10	0.509	0.496	0.53	0.456	0.488	0.49	0.44	0.464	0.553	0.45	0.51	0.518	0.463	0.463
Mean	0.495	0.499	0.528	0.467	0.520	0.483	0.465	0.466	0.512	0.472	0.490	0.513	0.490	0.471
Std. Dev'n	0.0235	0.0277	0.0313	0.0170	0.0328	0.0149	0.0264	0.0108	0.0343	0.0326	0.0149	0.0153	0.0178	0.0203
%RSD	4.74	5.54	5.92	3.65	6.31	3.09	5.67	2.32	6.70	6.91	3.04	2.97	3.64	4.31
	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %
CGS-24-1	0.509	0.484	0.490	0.494	0.506	0.491	0.503	0.463	0.459	0.516	0.492	0.481	0.470	0.573
CGS-24-2	0.505	0.485	0.468	0.495	0.496	0.498	0.526	0.461	0.471	0.506	0.489	0.483	0.457	0.544
CGS-24-3	0.506	0.478	0.482	0.496	0.502	0.486	0.512	0.460	0.457	0.498	0.472	0.486	0.459	0.472
CGS-24-4	0.509	0.487	0.477	0.494	0.495	0.492	0.503	0.459	0.460	0.511	0.474	0.465	0.457	0.491
CGS-24-5	0.498	0.484	0.480	0.495	0.489	0.487	0.527	0.459	0.509	0.502	0.475	0.485	0.448	0.477
CGS-24-6	0.499	0.482	0.479	0.496	0.504	0.487	0.518	0.461	0.454	0.503	0.484	0.470	0.451	0.536
CGS-24-7	0.499	0.496	0.477	0.502	0.497	0.519	0.509	0.470	0.472	0.506	0.477	0.481	0.469	0.478
CGS-24-8	0.495	0.498	0.486	0.497	0.492	0.485	0.510	0.464	0.460	0.496	0.474	0.481	0.457	0.535
CGS-24-9	0.504	0.493	0.478	0.494	0.497	0.505	0.506	0.462	0.473	0.500	0.480	0.495	0.473	0.497
CGS-24-10	0.505	0.497	0.478	0.490	0.473	0.492	0.506	0.463	0.474	0.500	0.478	0.467	0.461	0.482
Mean	0.503	0.488	0.480	0.495	0.495	0.494	0.512	0.462	0.469	0.504	0.480	0.479	0.460	0.509
Std. Dev'n	0.0048	0.0070	0.0059	0.0030	0.0094	0.0105	0.0088	0.0032	0.0159	0.0062	0.0068	0.0094	0.0082	0.0354
%RSD	0.96	1.44	1.22	0.61	1.90	2.13	1.73	0.70	3.40	1.22	1.41	1.95	1.78	6.96

STANDARD REFERENCE MATERIAL CDN-CGS-24

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

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Accurassay Laboratory, Thunder Bay, Ontario, Canada
Actlabs, Ancaster, Ontario, Canada
Actlabs, Thunder Bay, Ontario, Canada
ALS Chemex Laboratories, North Vancouver, B.C., Canada
Assayers Canada Ltd., Vancouver, B.C., Canada
Bourlamaque Laboratory, Quebec, Canada
Genalysis Laboratory Services Pty. Ltd., Australia
International Plasma Laboratories, Richmond, B.C., Canada
Labtium Laboratory, Finland
OMAC Laboratories Ltd., Ireland
SGS Toronto, Ontario, Canada
TSL Laboratories, Saskatoon, Canada
Ultra Trace Analytical Laboratories, Australia

Certified by Duncan Sanderson

Duncan Sanderson, Certified Assayer of B.C.

Geochemist

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