CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-GS-1P5D

Recommended value and the "Between Laboratory" two standard deviations

Gold concentration: 1.47 ± 0.15 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: April 21, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-1P5D was prepared using 790 kg of a blank granitic ore and 11 kg of a high grade gold ore.

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 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	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
GS-1P5D-1	1.22	1.46	1.54	1.51	1.43	1.37	1.41	1.31	1.41	1.58	1.45	1.50	1.51	1.42
GS-1P5D-2	1.24	1.50	1.60	1.56	1.47	1.44	1.45	1.49	1.40	1.52	1.44	1.48	1.42	1.61
GS-1P5D-3	1.20	1.43	1.51	1.60	1.39	1.46	1.50	1.45	1.43	1.56	1.48	1.63	1.40	1.41
GS-1P5D-4	1.19	1.51	1.53	1.63	1.38	1.46	1.39	1.46	1.40	1.62	1.44	1.46	1.45	1.56
GS-1P5D-5	1.17	1.41	1.43	1.52	1.40	1.44	1.41	1.46	1.43	1.63	1.45	1.50	1.37	1.44
GS-1P5D-6	1.22	1.44	1.36	1.58	1.55	1.37	1.53	1.43	1.44	1.56	1.45	1.33	1.40	1.43
GS-1P5D-7	1.17	1.47	1.59	1.58	1.60	1.29	1.39	1.45	1.33	1.65	1.44	1.41	1.40	1.47
GS-1P5D-8	1.16	1.41	1.35	1.53	1.48	1.39	1.49	1.56	1.64	1.68	1.47	1.54	1.38	1.52
GS-1P5D-9	1.21	1.57	1.54	1.59	1.61	1.42	1.38	1.45	1.47	1.63	1.42	1.39	1.43	1.49
GS-1P5D-10	1.17	1.45	1.54	1.51	1.46	1.39	1.37	1.37	1.58	1.67	1.39	1.46	1.33	1.48
Mean	1.19	1.47	1.50	1.56	1.48	1.40	1.43	1.44	1.45	1.61	1.44	1.47	1.41	1.48
Std. Dev'n	0.0255	0.0499	0.0893	0.0419	0.0841	0.0525	0.0555	0.0665	0.0914	0.0535	0.0248	0.0831	0.0486	0.0646
%RSD	2.14	3.41	5.96	2.68	5.69	3.74	3.88	4.61	6.29	3.33	1.72	5.66	3.45	4.36

Assay Procedure: all assays were fire assay, ICP or AA finish on 30g samples.

Data from Lab 1 was excluded for failing the t test.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent			Percent
SiO2	75.2		Na2O	2.8
Al2O3	10.1		MgO	1.4
Fe2O3	5.4		K2O	1.1
CaO	2.4		TiO2	0.5
MnO	0.1		LOI	1.5
S	0.1			

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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 mean and standard deviation 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.

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

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
ALS Chemex, North Vancouver, B.C., Canada
AHK Geochem, Alaska, USA
Alex Stewart, Mendoza, Argentina
Alex Stewart, Kamloops, B.C., Canada
Genalysis Lab. Services, Perth, Australia
Inspectorate, Richmond, B.C., Canada
Omac Laboratory, Ireland
Skyline Assayers & Laboratories Ltd, Arizona, USA
SGS, Lima, Peru
TSL Laboratories Ltd., Saskatoon, SK, Canada
Ultra Trace Pty. Ltd., Perth, Australia

Legal Notice:

Certified by Duncan Sanderson

Duncan Sanderson, Certified Assayer of B.C.

Geochemist B W Smee

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