

CDN Resource Laboratories Ltd.

10945-B River Road, Delta, B.C., Canada, V4C 2R8, 604-540-2233, Fax: 604-540-2237 (www.cdnlabs.com)

GOLD ORE REFERENCE STANDARD: CDN-GS-5D

Recommended value and the "Between Laboratory" two standard deviations

Gold concentration: 5.06 ± 0.25 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: November 1, 2007

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-5D was prepared using 780 kg of a blank granitic ore and 15 kg of a high grade gold ore.

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 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
	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
GS5D-1	4.87	5.08	5.28	5.12	4.90	5.10	5.21	5.07	5.22	4.92	5.09	5.07	5.07
GS5D-2	4.97	4.95	5.20	5.11	4.70	5.09	5.26	4.93	5.29	5.01	5.12	4.91	5.25
GS5D-3	5.00	5.13	5.23	5.19	4.89	5.10	5.12	4.89	5.26	4.84	5.00	4.99	5.22
GS5D-4	4.91	5.03	5.10	5.08	4.76	5.08	5.12	5.03	5.32	4.89	5.09	4.85	5.05
GS5D-5	5.20	4.91	5.14	5.21	4.81	5.03	5.05	5.08	5.25	4.90	4.92	4.80	5.21
GS5D-6	5.21	5.09	5.36	5.11	4.77	5.06	5.20	4.77	5.25	4.90	4.99	5.07	5.08
GS5D-7	4.90	4.95	5.12	5.21	5.09	5.07	5.15	5.19	5.17	4.83	5.04	5.05	5.24
GS5D-8	5.18	4.91	5.19	5.10	4.96	5.10	5.04	4.88	5.21	4.95	5.12	5.07	5.12
GS5D-9	5.00	5.15	5.38	5.11	4.92	5.08	5.14	4.95	5.25	4.90	5.02	5.06	5.03
GS5D-10	5.04	4.93	5.20	5.11	4.87	5.11	5.14	4.92	5.21	4.87	5.01	5.19	5.10
Mean	5.03	5.01	5.22	5.13	4.87	5.08	5.14	4.97	5.24	4.90	5.04	5.00	5.14
Std. Dev.	0.127	0.094	0.095	0.048	0.113	0.024	0.068	0.122	0.045	0.052	0.065	0.119	0.084
% RSD	2.53	1.87	1.82	0.94	2.32	0.47	1.33	2.45	0.86	1.06	1.28	2.37	1.64

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

APPROXIMATE CHEMICAL COMPOSITION:

	Percent		Percent
SiO ₂	70.0	Na ₂ O	1.8
Al ₂ O ₃	10.0	MgO	2.1
Fe ₂ O ₃	5.4	K ₂ O	1.3
CaO	4.0	TiO ₂	0.5
MnO	0.1	LOI	3.5
S	0.9		

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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 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.

Participating Laboratories:

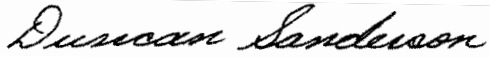
(not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, Canada
Alaska Assay Laboratory, Fairbanks, Alaska, USA
ALS Chemex, North Vancouver, Canada
Assayers Canada Ltd., Vancouver, Canada
Alex Stewart (Assayers) Argentina Ltd.
Eco Tech Laboratory Ltd., B.C., Canada
Genalysis Lab.Services, Australia
Labtium Inc., Finland
Omac Laboratory, Ireland
Skyline Assayers & Laboratories Ltd, Arizona, USA
Teck Cominco, Global Discovery Laboratory, Vancouver, Canada
TSL Laboratories Ltd., Saskatoon, Canada
Ultra Trace Pty. Ltd., Australia


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Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


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