

# CDN Resource Laboratories Ltd.

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## GOLD ORE REFERENCE STANDARD: CDN-GS-3D

Recommended value and the "Between Laboratory" two standard deviations

*Gold concentration: 3.41 ± 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:** March 15, 2008

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-3D was prepared using 605 kg of a blank granitic ore and 8 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 12 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
	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
GS3D-1	3.35	3.62	3.46	3.44	3.58	3.44	3.20	3.56	3.43	3.61	3.24	3.56
GS3D-2	3.31	3.49	3.38	3.38	3.31	3.48	3.22	3.59	3.67	3.51	3.30	3.43
GS3D-3	3.28	3.43	3.41	3.27	3.49	3.45	3.22	3.26	3.42	3.69	3.38	3.42
GS3D-4	3.26	3.49	3.20	3.32	3.62	3.45	3.26	3.56	3.50	3.70	3.37	3.42
GS3D-5	3.44	3.40	3.31	3.05	3.61	3.49	3.32	3.39	3.54	3.58	3.28	3.83
GS3D-6	3.35	3.53	3.38	3.27	3.45	3.30	3.34	3.38	3.45	3.54	3.42	3.15
GS3D-7	3.31	3.56	3.31	3.37	3.35	3.49	3.22	3.33	3.46	3.67	3.31	3.36
GS3D-8	3.38	3.45	3.26	3.36	3.66	3.20	3.22	3.45	3.46	3.58	3.45	3.63
GS3D-9	3.37	3.51	3.29	3.31	3.54	3.41	3.32	3.50	3.61	3.70	3.44	3.35
GS3D-10	3.48	3.37	3.33	3.26	3.47	3.49	3.20	3.36	3.47	3.65	3.44	3.36
Mean	3.35	3.49	3.33	3.30	3.51	3.42	3.25	3.44	3.50	3.62	3.36	3.45
Std. Dev.	0.069	0.075	0.076	0.106	0.117	0.096	0.053	0.112	0.082	0.069	0.076	0.185
%RSD	2.05	2.17	2.29	3.20	3.33	2.81	1.64	3.24	2.34	1.90	2.26	5.37

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

### APPROXIMATE CHEMICAL COMPOSITION:

	Percent		Percent
SiO <sub>2</sub>	65.7	Na <sub>2</sub> O	2.5
Al <sub>2</sub> O <sub>3</sub>	12.5	MgO	2.1
Fe <sub>2</sub> O <sub>3</sub>	6.2	K <sub>2</sub> O	1.6
CaO	3.6	TiO <sub>2</sub>	0.6
MnO	0.1	LOI	3.2
S	1.7	C	0.6

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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  $\pm 2$  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:

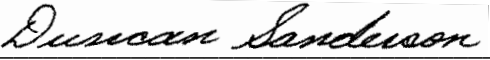
(not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, Canada  
Activation Laboratories, Ontario, Canada  
ALS Chemex, North Vancouver, Canada  
Assayers Canada Ltd., Vancouver, Canada  
Alex Stewart (Assayers) Argentina) Ltd.  
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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This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

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