

CDN Resource Laboratories Ltd.

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GOLD ORE REFERENCE STANDARD: CDN-GS-2B

Recommended value and the "Between Laboratory" two standard deviations

Gold concentration: 2.03 ± 0.12 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: August 4, 2006

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-2B was prepared using reject ore material supplied by the Hunter Dickinson Group from the Specogna deposit. The Specogna deposit is a low sulphidation epithermal gold deposit of Miocene age and is localized along the Sandspit fault. Gold bearing breccia, vein and stockwork development occurs along the fault and subsidiary dilational structures extending upward into a thick hanging wall sequence of clastic sediments. Mineralization at Specogna is dominated by pyrite and marcasite which typically comprise 1 to 4% of the host rocks. Gold and silver occur as electrum.

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 gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt
GS2B - 1	2.04	2.06	2.04	2.12	1.99	2.02	2.00	1.88	2.07	2.00	1.92	2.07
GS2B - 2	2.01	2.00	1.92	2.03	2.09	2.09	1.94	2.02	1.94	2.05	2.04	2.03
GS2B - 3	2.16	1.97	1.93	2.01	2.09	2.06	1.97	2.20	1.93	2.09	1.96	2.03
GS2B - 4	2.21	2.01	2.03	2.14	1.94	1.99	2.02	2.20	2.00	2.03	1.97	2.04
GS2B - 5	1.97	2.00	2.00	2.02	1.94	1.95	2.00	2.32	2.09	2.05	1.99	2.05
GS2B - 6	2.00	2.04	2.04	2.09	1.95	2.04	1.88	2.25	1.97	2.10	2.09	2.05
GS2B - 7	1.99	2.06	2.02	2.00	1.98	2.17	2.19	2.10	2.08	2.00	2.08	2.13
GS2B - 8	2.03	2.06	1.99	2.15	2.02	1.94	1.97	2.10	2.09	2.07	2.06	2.14
GS2B - 9	1.98	2.02	1.94	2.00	2.00	2.02	2.02	2.17	2.10	2.05	2.01	2.04
GS2B - 10	2.02	2.06	2.08	2.12	2.05	2.03	2.03	2.12	2.04	2.10	2.22	2.12
Mean	2.04	2.03	2.00	2.07	2.01	2.03	2.00	2.14	2.03	2.05	2.03	2.07
Std. Dev.	0.085	0.032	0.056	0.062	0.060	0.071	0.085	0.090	0.069	0.033	0.080	0.046
% RSD	4.15	1.60	2.78	3.02	2.99	3.50	4.24	4.23	3.41	1.62	3.93	2.21

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

APPROXIMATE CHEMICAL COMPOSITION:

	Percent		Percent
SiO ₂	73.1	Na ₂ O	0.3
Al ₂ O ₃	8.2	MgO	2.9
Fe ₂ O ₃	7.4	K ₂ O	2.9
CaO	0.6	TiO ₂	0.5
MnO	0.1	LOI	3.8
S	2.7		

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Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean \pm 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. 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 Certified 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
Actlabs, Coquimbo, Chile
ALS Chemex, North Vancouver, Canada
Assayers Canada Ltd., Vancouver, Canada
Alex Stewart (Assayers) Argentina) Ltd.
Ecotech Laboratory, Kamloops, Canada
Genalysis Lab.Services, Australia
International Plasma Laboratories Ltd., Richmond, Canada
Omac Laboratory, Ireland
Teck Cominco, Global Discovery Laboratory, Vancouver, Canada
TSL Laboratories Ltd., Saskatoon, Canada


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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.