CDN Resource Laboratories Ltd.

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GOLD ORE REFERENCE STANDARD: CDN-GS-1A

Recommended value and 95% Confidence Interval (±2SD)

Gold concentration: 0.78 ± 0.08 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.

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 4 days in a rotary mixer. After internal assaying to test for homogeneity, splits were taken and sent to 7 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
		Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)	Au (g/t)
GS1A-1		0.72	0.70	0.80	0.76	0.85	0.78	0.78
GS1A-2		0.73	0.78	0.81	0.74	0.86	0.81	0.77
GS1A-3		0.72	0.77	0.81	0.77	0.86	0.78	0.77
GS1A-4		0.75	0.74	0.81	0.78	0.84	0.78	0.77
GS1A-5		0.74	0.74	0.76	0.79	0.86	0.78	0.77
GS1A-6		0.72	0.76	0.82	0.76	0.85	0.78	0.76
GS1A-7		0.72	0.79	0.79	0.75	0.86	0.77	0.78
GS1A-8		0.76	0.78	0.77	0.78	0.85	0.78	0.87
GS1A-9		0.73	0.93	0.79	0.77	0.87	0.78	0.80
GS1A-10		0.75	0.74	0.77	0.77	0.84	0.80	0.78
GS1A-11		0.73	0.73	0.83	0.76	0.84	0.79	0.75
GS1A-12		0.75	0.76	0.80	0.61	0.84	0.80	0.80
Mean		0.74	0.77	0.80	0.75	0.85	0.79	0.78
Std. Dev.		0.014	0.057	0.021	0.047	0.011	0.012	0.031
%RSD		1.97	7.40	2.69	6.24	1.25	1.48	3.94

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

APPROXIMATE CHEMICAL COMPOSITION:

	Percent			Percent
SiO2	59.0		Na2O	3.5
Al2O3	16.4		MgO	2.8
Fe2O3	8.8		K2O	1.5
CaO	5.6		TiO2	0.6
MnO	0.2		LOI	0.8

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Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean ± 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.

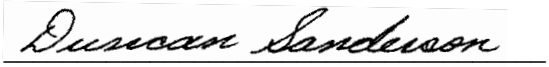
Participating Laboratories:
(not in same order as table of assays)

Acme Analytical Laboratories Ltd.
ALS Canada Inc.
Assayers Canada Ltd., Vancouver
Geolaboratory, Geological Survey of Finland
International Plasma Laboratories Ltd., Vancouver
OMAC Laboratory, Ireland
TSL Laboratories Ltd., Saskatoon

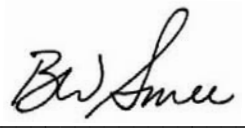
Availability: Lots of 500g, 1 kg, 2 kg, or as per request.

Legal Notice:

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.