

CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-GS-15C

Recommended value and the "Between Laboratory" two standard deviations

Gold	15.62 g/t ± 0.74 g/t	Certified value	30g FA / Gravimetric
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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: January 25th, 2020

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-15C was prepared using 550kg of ore supplied by Williams Operating Corporation from their Williams Mine in Ontario blended with 30 kg of high-grade ore supplied by Teuton Resources from their Clone gold property in B.C., Canada. Mineralization of Clone gold property is localized within highly silicified semi-massive to massive specular hematite. Gold occurs as fine disseminations and is associated with the oxide mineralization. The major lithology is light grey to green andesitic pyroclastic intercalated with fine grained to aphanitic andesite. Clasts are sub angular to angular, matrix supported, and range in size from 1-3cm. Quartz-calcite stockwork pervades the unit in moderate abundance.

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 15 commercial laboratories for round robin assaying.

ASSAY PROCEDURES:

Au: 30 gr Fire assay pre-concentration, gravimetric finish.

Whole rock analysis and 30 element ICP analysis (4-acid digestion) were also conducted on 5 samples.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

Analyte	Percent	Analyte	Percent
SiO ₂	59.4	Na ₂ O	1.5
Al ₂ O ₃	14.2	MgO	2.8
Fe ₂ O ₃	8.7	K ₂ O	2.6
CaO	4.5	TiO ₂	0.5
MnO	<0.1	LOI	4.9
Total S	2.8	Total C	0.5

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.

Our certified gold values are based on 30 g Fire Assay determinations. For optimal results, we strongly recommend you assay our standards with similar methods using "at least" 30 g of material. Using a smaller sample weight may result in erratic values.

RESULTS FROM ROUND ROBIN ASSAYING:

Sample	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	Lab 15
	Au by Fire Assay, 30g sample size and gravimetric finish														
GS-15C-1	15.3	15.8	14.9	15.35	15.15	15.40	16.14	15.97	16.03	15.5	15.252	16.00	15.7	15.5	14.70
GS-15C-2	15.1	15.8	15.3	15.65	15.90	15.30	15.98	16.31	15.74	16.1	15.886	15.80	15.4	14.7	15.05
GS-15C-3	15.6	15.3	15.0	15.20	15.80	15.35	15.76	15.83	15.67	16.0	15.793	15.51	15.4	15.0	15.05
GS-15C-4	16.2	16.2	15.2	16.00	15.45	15.25	15.99	16.15	15.62	15.8	15.551	15.49	15.0	15.0	15.40
GS-15C-5	15.7	16.3	15.2	15.70	15.75	15.75	16.37	16.17	15.90	15.6	15.887	15.55	15.8	15.8	16.50
GS-15C-6	15.9	16.6	15.6	15.90	15.50	15.45	15.15	15.52	15.63	15.8	15.823	16.17	15.8	15.4	15.55
GS-15C-7	15.6	16.3	15.4	14.85	15.85	15.50	15.69	16.16	15.86	15.8	15.316	16.46	15.9	14.4	15.10
GS-15C-8	15.2	15.7	15.3	14.95	16.20	15.75	15.98	15.56	15.72	15.2	15.316	15.61	15.4	15.4	14.75
GS-15C-9	15.8	16.0	15.3	15.45	15.55	15.85	15.80	16.29	15.67	15.6	15.407	15.75	16.3	15.3	17.15
GS-15C-10	15.7	16.6	15.2	16.10	16.15	15.00	15.68	15.12	16.03	16.8	15.549	15.33	15.1	14.5	15.70
Mean	15.6	16.1	15.2	15.52	15.73	15.46	15.85	15.91	15.79	15.8	15.578	15.77	15.6	15.1	15.50
Std. Devn.	0.335	0.417	0.196	0.431	0.324	0.262	0.327	0.395	0.157	0.429	0.252	0.350	0.394	0.459	0.785
% RSD	2.145	2.596	1.283	2.777	2.061	1.696	2.063	2.480	0.997	2.711	1.617	2.221	2.528	3.043	5.064

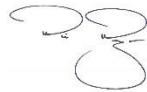
PARTICIPATING LABORATORIES: (not in same order as table of assays)

Activation Labs, Ancaster, Ontario, Canada	Bureau Veritas, Reno, NV, USA
Activation Labs, Thunder bay, Ontario, Canada	Bureau Veritas, Vancouver, BC, Canada
AGAT Labs, Ontario, Canada	Certimin S.A., Lima, Peru
ALS, Loughrea, Ireland	MS Analytical, Langley, BC, Canada
ALS, Perth Australia	SGS, Vancouver, BC, Canada
ALS Reno, USA	SGS, Lakefield, ON, Canada
ALS Canada, North Vancouver, BC, Canada	TSL Laboratories Ltd., Saskatoon, SK, Canada
Bureau Veritas, Perth, Australia	

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



Ali Alizadeh, MSc. MBA, PGeo

Geochemist



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