CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-GS-2AB

Recommended value and the "Between Laboratory" two standard deviations

Gold	1.937 g/t ± 0.091 g/t	Certified value	30g FA / AA or ICP Finish

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Ali Alizadeh, MSc, MBA, P Geo
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.
DATE OF CERTIFICATION: May 16th, 2022

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-2AB was prepared using 1100kg of ore from the Minto Mine (Minto Explorations) in Yukon, Canada, supplied as coarse reject from diamond drilling blended with of 15Kg high-grade gold ore supplied by Teuton Resources from their Clone gold property in B.C., Canada.

Mineralization in Minto mine is primary chalcopyrite and bornite pervasively disseminated and as stringers within foliated granodiorite units rich in secondary biotite. Sulphide mineralization is typically accompanied by magnetite. Gold is intimately associated with the bornite mineralization and rarely observed as free gold.

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.

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, AA or ICP finish.

Whole rock analysis and 30 element ICP analysis (4-acid digestion) were also conducted on 3 samples.

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.

Printed results from Round Robin Assaying is available in Appendix II and can be provided upon request.

Quality Assurance and Quality Control Procedures:

CDN completed a screening and a homogeneity study on CDN-GS-2AB, based on ISO 13528 Annex B (Homogeneity and Stability of proficiency test items).

Screening Test: After completion of homogenization, three samples, 300g each of homogenized material was randomly collected and was re-screened by a testing sieve. Over size material of this standard and based on CDN's screening test was ~%1.0. (Appendix III).

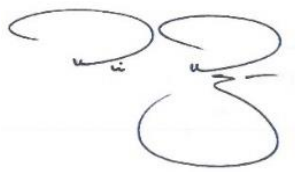
During homogeneity test, 15 randomly selected samples from CDN-GS-2AB were sent to one of the round robin participating labs. Each sample was assaying twice and reported separately.

Assay results went through a statistical work-up by checking the mean, standard deviation, and %RSD. Based on performed statistical works outlined by ISO 13528; CDN-GS-2AB is statistically homogenized (Appendix III).

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



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Geochemist

Dr. Barry Smee, PhD, P. Geo.

APPENDIX I:

Whole rock analysis and 30 element ICP analysis (4-acid digestion) were also conducted on 3 samples.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

Analyte	Percent	Analyte	Percent
SiO_2	63.8	**Na_2O**	0.3
Al_2O_3	5.2	**MgO**	3.5
Fe_2O_3	4.7	**K2O**	1.4
CaO	8.9	**TiO_2**	0.4
MnO	0.1	**LOI**	11.4
Total S	2.4	**Total C**	3.6

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

Activation Labs, Ancaster, Ontario, Canada	Bureau Veritas, Perth, Australia
Activation Labs, Thunder Bay, Ontario, Canada	Bureau Veritas, Vancouver, BC, Canada
AGAT Labs, Ontario, Canada	Certimin S.A., Lima, Peru
ALS Lima, Peru	MS Analytical, Langley, BC, Canada
ALS, Brisbane, Australia	SGS Burnaby, BC, Canada
ALS, Loughrea, Ireland	SGS Lakefield, ON, Canada
ALS, Perth Australia	SRC, Saskatoon, SK, Canada
ALS Canada, North Vancouver, BC, Canada	

APPENDIX II:

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 (g/t) by Fire Assay, 30g sample size and Instrumental finish														
CDN-GS-2AB	1.99	1.95	1.86	1.805	1.905	1.945	2.060	1.905	1.83	1.849	1.866	1.953	2.05	1.99	1.99
	1.95	1.95	1.89	1.895	1.880	1.910	1.970	1.910	1.83	1.944	1.908	1.935	1.96	2.05	1.96
	1.97	1.94	1.93	1.935	1.920	1.915	1.960	1.845	1.82	1.959	1.911	2.010	1.98	2.00	1.95
	1.98	1.97	1.92	1.860	1.900	1.930	1.935	1.925	1.86	1.915	1.906	1.991	2.02	1.99	1.95
	1.98	1.88	2.01	1.940	1.920	1.940	1.975	1.950	1.77	1.920	1.902	1.942	1.98	2.02	1.96
	1.98	1.91	1.99	1.915	1.935	1.935	1.955	1.890	1.84	1.945	1.919	1.939	1.98	2.01	1.94
	1.93	2.00	1.90	1.840	1.990	1.940	2.020	1.920	1.88	1.923	1.900	1.946	1.99	2.03	1.92
	1.97	1.96	2.01	1.895	1.910	1.880	2.020	1.875	1.91	1.970	1.883	2.006	2.06	1.98	1.96
	1.96	1.92	1.92	1.855	1.950	1.900	1.985	1.880	1.78	1.937	1.869	1.935	1.98	2.00	1.88
	1.96	1.97	1.93	1.890	1.970	1.900	1.955	1.885	1.78	1.957	1.878	1.951	1.94	1.98	1.99
Mean	1.97	1.95	1.936	1.883	1.928	1.920	1.984	1.899	1.83	1.93	1.894	1.961	1.99	2.01	1.95
Std Dev.	0.018	0.034	0.051	0.043	0.034	0.022	0.038	0.030	0.045	0.034	0.019	0.030	0.038	0.023	0.032
% RSD	0.898	1.769	2.647	2.278	1.747	1.135	1.938	1.571	2.484	1.771	0.986	1.512	1.909	1.134	1.657

APPENDIX III: QAQC

Table below illustrates percentages of over size (+275 mesh) material in CDN-GS-2AB.

Standard	Study Date	Total weight Screened (g)	Total weight Over size (g)	Percentage
CDN-GS-2AB	1/14/2022	300	3	1.0%
CDN-GS-2AB	1/14/2022	300	2	0.7%
CDN-GS-2AB	1/14/2022	300	3	1.0%

CDN-GS-2AB		**Between Sample Variance**	**Sample Avg.**	**Stdev of Sample Avg**	**Within-Sample Std.**
Au Original	**Au Repeat**	Wt	Xt		
1.86	1.94	Wt	Xt		
1.93	1.87	0.080	1.900	0.001	0.006
1.94	1.93	0.060	1.900	0.001	0.004
1.90	1.88	0.010	1.935	0.000	0.000
1.91	1.92	0.020	1.890	0.002	0.000
1.91	1.96	0.010	1.915	0.000	0.000
1.96	2.01	0.050	1.935	0.000	0.003
2.01	1.90	0.050	1.985	0.003	0.002
2.01	2.01	0.110	1.955	0.001	0.012
1.98	1.97	0.000	2.010	0.006	0.000
1.95	1.92	0.010	1.975	0.002	0.000
1.65	1.93	0.030	1.935	0.000	0.001
1.95	1.95	0.280	1.790	0.020	0.078
1.92	2.04	0.000	1.950	0.000	0.000
1.90	1.91	0.120	1.980	0.002	0.014

Statistics	**Au Original**	**Au Repeat**	**Gavg**	**SX**	**SW**	**SS**
Mean	1.919	1.943	**1.931**	**0.053**	**0.064**	**0.027**
SD	0.0850	0.0486	**C**	**C SQRT**		
RSD	4.431	2.503	**0.0076**	**0.09**		
Proof of Homogeneity (SS is < square root of C)	**Statically**		**GS-2AB**		**is homogenous**	