CDN Resource Laboratories Ltd.

Certificate of Analysis

REFERENCE MATERIAL: CDN-GS-30D

Recommended values and the "Between Lab" Two Standard Deviations

Analyte	SD	Mean -3 SD	Recommended values			Mean+3 SD	Method	Certification
			Mean -2 SD	MEAN	Mean+2 SD			
Au (g/t)	0.56	42.1	42.7	**43.8**	44.9	45.48	Fire assay, gravimetric finish	Certified value
Au (g/t)	0.60	42.68	43.28	**44.48**	45.68	46.28	Gamma ray-photon assay instrument	

Note 1: Standards with an RSD of near or less than 5% are certified; RSD's of between 5% and 15% are Provisional; RSD's over 15% are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Ali Alizadeh, MSc, MBA, P Geo, FGC
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., FGC
DATE OF CERTIFICATION: February 18th, 2026

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-30D was prepared from material that became available to CDN Resource Laboratories from Nevada Gold Mines, Turquoise Ridge, Nevada.
The Turquoise Ridge deposit is a typical Carlin-type deposit and is characterized by structurally and stratigraphically controlled sediment hosted replacement deposits containing micro-sized gold.

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 at least 5 days in a double-cone mixer. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

Assay Procedures:

Au: Fire assay pre-concentration, gravimetric finish.
Au: Gamma ray- photon assay instrument. Recommended gross mass range for this material is 467g and 479g.

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 ±2 standard deviations was removed from the ensuing database. 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.

Quality Assurance and Quality Control Procedures:

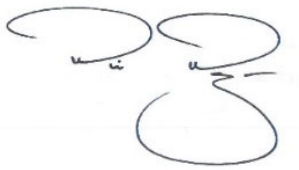
Screening Test: After completion of homogenization, three samples, 300g each of homogenized material were randomly collected and was re-screened by a testing sieve. Over size material of this standard and based on CDN's screening test was ~%1.0.

Homogeneity Test:
13 were selected from across the batch and submitted to an independent assay laboratory for homogeneity testing in accordance with Annex B, Homogeneity and Stability of Proficiency Test Items, ISO 13528. The selected samples were analyzed for Au using neutron activation and photon assay. The recommended gross mass range for this material is 467 g to 479 g. The samples showed no heterogeneous response to the detectors. The assay results were statistically evaluated by calculating the mean, standard deviation, and %RSD. Based on this assessment, conducted in accordance with ISO 13528 procedures, CDN-GS-30D is considered statistically homogeneous (see 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



Ali Alizadeh, MSc, MBA, P.Geo.

Geochemist

Dr. Barry Smee, PhD, FGC

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	49.6	**Na_2O**	0.1
Al_2O_3	16.8	**MgO**	1.1
Fe_2O_3	5.9	**K2O**	2.1
CaO	9.2	**TiO_2**	0.7
MnO	0.03	**LOI**	14.2
Total S	4.0	**Total C**	2.0

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

Activation Labs, Ancaster, Ontario, Canada	ALS, Johannesburg, South Africa
Activation Labs, Thunder Bay, Ontario, Canada	Bureau Veritas, Vancouver, BC, Canada
AGAT, Calgary, Canada	Bureau Veritas, Reno, NV, USA
ALS, Reno, NV, USA	Certimin S.A., Lima, Peru
ALS, Perth, Australia	MS Analytical, Langley, BC, Canada
ALS Lima, Peru	SGS Lakefield, ON, Canada
ALS, Loughrea, Ireland	SGS, Vancouver, BC, Canada
ALS, Canada, North Vancouver, BC, Canada	

Participating Laboratories- Gamma ray- photon assay instrument: (not in same order as table of assays)

MS Analytical-Timmins, ON Canada	Paragon, BC, Canada
MSA- Carlin, Nevada, USA	ALS Thunder Bay, ON Canada
MS Analytical-Val d'Or, QC 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 (ppm) Fire assay, gravimetric finish														
GS-30D	48.5	43.4	42.9	44.5	42.9	43.6	44.9	44.3	43.3	44.0	44.39	43.51	44.0	44.06	44.1
	42.7	43.0	42.4	44.8	43.3	44.0	42.0	44.5	43.9	43.9	44.28	43.54	43.3	43.90	44.3
	43.0	41.7	44.9	44.8	42.4	43.9	44.2	44.5	43.9	43.8	44.54	44.39	43.0	43.81	44.1
	42.8	42.9	43.8	44.4	43.9	44.1	44.3	43.3	43.8	43.5	44.27	43.76	42.2	44.02	43.6
	38.1	43.0	46.7	44.1	43.6	43.6	44.2	44.4	43.6	43.3	44.81	44.14	43.2	43.93	43.7
	42.3	43.5	42.0	43.9	42.5	44.2	44.3	44.7	43.5	43.1	43.98	43.86	44.5	44.11	44.4
	43.6	43.4	42.8	44.1	41.7	43.3	44.3	44.3	43.1	43.4	44.46	43.40	44.3	44.12	44.1
	43.0	42.8	43.9	44.3	43.7	43.8	44.2	44.8	43.3	43.3	43.95	44.12	44.5	44.10	44.3
	43.2	43.5	43.4	44.4	43.7	43.2	43.0	43.4	43.0	43.2	44.33	43.58	42.3	43.99	43.9
	41.4	43.5	44.1	44.5	43.3	44.1	44.0	43.6	43.9	44.1	43.32	43.85	42.9	44.22	44.0
Mean	42.9	43.1	43.7	44.4	43.1	43.8	43.9	44.2	43.5	43.6	44.23	43.82	43.4	44.0	44.1
Std. Devn.	2.53	0.55	1.36	0.29	0.71	0.35	0.83	0.54	0.34	0.36	0.41	0.32	0.86	0.12	0.26
% RSD	5.90	1.29	3.12	0.66	1.65	0.79	1.88	1.23	0.79	0.83	0.92	0.73	1.99	0.28	0.59

Sample	Lab 16	Lab 17	Lab 18	Lab 19	Lab 20
	Au (ppm) Gamma ray- photon assay instrument				
GS-30D	44.83	44.765	44.96	44.312	43.531
	44.94	44.103	43.991	43.955	44.171
	45.29	45.556	42.297	43.668	44.448
	44.88	44.145	42.441	43.953	43.376
	45.19	44.526	44.286	43.366	44.397
	44.83	44.744	44.674	44.055	44.095
	45.81	44.943	43.475	44.762	44.89
	44.84	44.838	43.667	44.797	45.057
	44.35	45.238	43.296	44.304	44.499
	45.22	44.695	45.102	44.359	43.904
Mean	45.02	44.755	43.819	44.153	44.237
Std. Devn.	0.39	0.44	0.98	0.45	0.54
% RSD	0.86	0.99	2.23	1.02	1.22

T 604-882-8422 F 604-882-8466 E info@cdnlabs.com TOLL FREE 1-888-882-0242
A No. 2, 20148 - 102 Avenue, Langley, B.C., Canada, V1M 4B4
WWW.cdnlabs.com

APPENDIX III: QAQC

Table below illustrates percentages of over size (+275 mesh) material in CDN-GS-30D

Standard	Study Date	Total weight Screened (g)	Total weight Over size (g)	Percentage
GS-30D	29-Aug-25	300	5	1.7%
	29-Aug-25	300	5	1.7%
	29-Aug-25	300	5	1.7%

Table below shows homogeneity test results of CDN-GS-30D

	Au Original	Au Repeat	Between Sample Variance Wt	Sample Avg. Xt	Stdev of Sample Avg	Within-Sample Std.
GS-30D	44.720	45.183	0.463	44.952	35.860	0.214
	45.126	44.477	0.649	44.802	34.086	0.421
	44.536	44.678	0.142	44.607	31.853	0.020
	45.203	45.315	0.112	45.259	39.638	0.013
	45.312	45.235	0.077	45.274	39.820	0.006
	45.309	45.131	0.178	45.220	39.148	0.032
	45.341	44.552	0.789	44.947	35.800	0.623
	45.096	44.883	0.213	44.990	36.317	0.045
	44.895	45.019	0.124	44.957	35.926	0.015
	44.455	45.147	0.692	44.801	34.080	0.479
	44.734	44.435	0.299	44.585	31.599	0.089
	45.606	44.668	0.938	45.137	38.116	0.880
	45.220	44.619	0.601	44.920	35.478	0.361
Statistics			**Gavg**	**SX**	**SS**	
Mean	45.043	44.872	38.963	5.780	**5.77**	
SD	0.3464	0.3138	C	C SQRT		
RSD	0.769	0.699	56.54	7.52		

Based on Statistical procedures outlined in Annex B, ISO 13528:2015 guidelines, if "SS is < square root of C" Standard is considered homogeneous.
GS-30D is statistically homogenous

APPENDIX IV: General Notes

Intended Use

This Certified Reference Material fits for use as a control sample in routine assay laboratory quality control when inserted within runs of test samples and measured in parallel to test samples. This material can also be used for method development, use as independent calibration verification check standard or for validation of accuracy in a method validation exercise.

This CRM can also be used to assess inter-laboratory or instrument bias and establish within-laboratory precision and within-laboratory reproducibility. The certified concentrations and expanded uncertainty for this material are property

values based on an inter-laboratory measurement campaign and reflected consensus results from the laboratories that took part in the exercise.

Handling

Do not use it if the seal is broken or there are any signs of contamination.
The material is packaged in either Tin Tie envelopes, foil envelopes or jars that must be shaken before use.

Storage information

The material should be stored in a dry place, in such a way that it does not compromise the integrity of the CRM. The material should be stored in conditions which will ensure it does not absorb moisture.
Certificate is not valid if re-packaged by a third party.

Metrological Traceability

The values quoted herein are based on the consensus values derived from statistical analysis of the data from an inter-laboratory measurement program. Traceability to SI units is via the standards used by the individual laboratories, all of which are accredited to the ISO17025 general requirements for the competence of testing and calibration laboratories and who have maintained measurement traceability during the analytical process.

Period of Validity

The certified values are valid for this product, while still sealed in its original packaging, until notification to the contrary. The material's stability will undergo regular testing every five years throughout its inventory duration. Should product stability become an issue, all customers will be notified and notification to that effect will be placed on the http://www.cdnlabs.com/ website.

Minimum Sample Size

Most of the laboratory's reporting used a 0.5g sample size for the ICP and a 30g sample size for the fire assay.
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. These are the recommended minimum sample sizes for the use of this material.

Abbreviations and Symbols

SD: Standard Deviation
4 Acid / ICP: 4 Acid digestion / ICP finish
Aqua regia / ICP: Aqua regia digestion / ICP finish
Mean +/-2 SD: Warning Limit
Mean +/-3 SD: Control Limit
Au: Gold