CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-SS-2204

Recommended value and the "Between Laboratory" two standard deviations

Gold	**1.95 g/t ± 0.12 g/t**	**Certified value**	**30g FA / AA or ICP finish**
Silver	**221 g/t ± 11 g/t**	**Certified value**	**Fire assay, gravimetric 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: August 3rd, 2023

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-SS-2204 was prepared using the ore that was supplied by Silver Crest Metals from their Las Chispas deposit, located northeast of Hermosillo, Sonora, Mexico. Historical reporting has identified economic mineralization in the form of silver sulfides and sulfosalts, as primary silver mineral species, present in association with pyrite. Secondary silver enrichment is indicated by the gradation from chlorargyrite near surface to pyrargyrite at depth. Gangue minerals, from visual inspection of core and underground, include calcite, pyrite, goethite, adularia, chlorite, sericite, epidote, barite, manganese oxides (e.g., pyrolusite), and rhodonite.
Alteration of the host rocks from hydrothermal activity is locally propylitic with formation of chlorite, calcite, and disseminated pyrite. Weak to moderate sericite alteration along rims of feldspars and/or volcanic fragments in breccias is noted within wall rock immediately adjacent to dykes and some veins.

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.
Ag: Fire assay pre-concentration, gravimetric finish

30 element ICP analysis (4-acid digestion) were also conducted on 10 samples.
Whole Rock analysis by Fusion XRF was completed on 10 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:

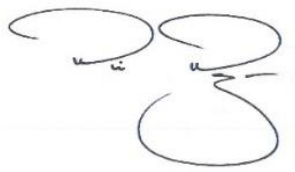
Screening Test: After completion of homogenization, three samples, 300g each of homogenized material was randomly collected and was re-screened by a testing sieve. Over size material of this standard and based on CDN's screening test was ~%1.0.

Homogeneity Test:
15 samples were selected selectively throughout the batch and were sent to an independent assay Laboratories for Homogeneity testing for gold and silver following directions of Annex B, Homogeneity and Stability of proficiency test items, ISO 13528:2015 Guidelines.
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-ME-2205 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



Ali Alizadeh, MSc, MBA, P.Geo.

Geochemist

Dr. Barry Smee, PhD, P. Geo.

APPENDIX I:

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

Analyte	Percent	Analyte	Percent
SiO_2	72.8	**Na_2O**	1.0
Al_2O_3	11.9	**MgO**	0.7
Fe_2O_3	2.9	**K2O**	4.9
CaO	1.97	**TiO_2**	0.3
MnO	0.1	**LOI**	3.0
Total C	0.15	**Total S**	0.27

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
ALS Reno, USA	Certimin S.A., Lima, Peru
ALS Canada, North Vancouver, BC, Canada	MS Analytical, Langley, BC, Canada
ALS Lima, Peru	SGS Burnaby, BC, Canada
ALS, Brisbane, Australia	SGS Lakefield, ON, Canada
ALS, Loughrea, Ireland	Skyline Assayers & Laboratories, AZ, USA
ALS, Perth Australia	

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-SS-2204	1.85	1.90	2.020	1.970	1.870	1.920	1.985	1.920	1.89	1.950	1.919	1.847	1.629	1.84	1.82
	1.96	1.93	2.050	2.100	1.915	1.940	2.000	2.070	1.89	2.000	1.941	1.918	1.656	1.89	1.92
	1.91	1.87	1.970	2.080	1.905	1.990	1.960	2.010	2.02	1.951	1.909	1.922	1.612	1.91	1.98
	1.87	1.98	2.020	2.040	1.925	1.930	1.885	1.990	2.04	1.800	1.909	2.013	1.705	2.06	1.94
	1.93	1.98	2.010	1.955	1.920	1.955	2.040	1.880	2.00	1.873	1.851	2.018	1.606	1.91	1.97
	1.82	2.03	1.915	2.010	1.905	1.945	1.905	1.975	2.03	2.015	1.963	2.005	1.673	1.92	1.75
	1.89	1.95	2.070	2.150	1.880	1.965	1.885	2.010	1.95	1.955	1.875	1.928	1.670	1.87	1.75
	2.10	1.97	2.020	1.985	1.930	2.020	1.945	1.905	1.93	2.055	1.983	1.954	1.677	1.88	1.87
	2.00	1.96	1.855	1.950	1.925	1.920	1.930	1.935	1.94	2.051	1.851	2.020	1.671	1.90	1.76
	2.04	2.12	1.965	1.985	1.915	1.885	1.990	2.010	2.07	1.943	1.877	1.947	1.791	1.91	1.91
Mean	1.94	1.97	1.990	2.023	1.909	1.947	1.953	1.971	1.976	1.959	1.908	1.957	1.669	1.91	1.87
Std..	0.09	0.07	0.06	0.07	0.02	0.04	0.05	0.06	0.06	0.08	0.05	0.06	0.05	0.06	0.09
% RSD	4.57	3.52	3.26	3.35	1.04	1.97	2.66	2.99	3.26	4.01	2.37	2.90	3.17	3.05	4.87
	Ag (g/t) by Fire Assay, Gravimetric finish														
CDN-SS-2204	206	220	221	225	212	220	221	213	223	223	219	223	230	232	206
	205	218	224	225	214	218	223	213	222	224	214	223	227	229	218
	210	235	228	226	216	218	231	213	221	225	212	213	227	233	217
	197	220	227	227	216	219	224	214	224	219	217	221	230	226	209
	206	218	225	226	206	217	220	215	226	228	217	218	232	226	209
	192	220	224	228	216	216	225	215	222	224	218	226	226	231	208
	214	221	227	225	215	220	220	216	223	229	221	217	228	237	213
	234	217	224	224	210	215	223	214	218	221	218	227	232	229	210
	218	219	224	224	211	220	217	212	219	220	221	218	226	232	207
	210	219	223	225	220	219	221	213	216	226	219	210	228	226	216
Mean	209	221	225	226	214	218	223	214	221	224	218	220	229	230	211
Std.	11.55	5.17	2.11	1.27	3.95	1.75	3.78	1.229	2.99	3.28	2.84	5.46	2.27	3.60	4.37
% RSD	5.52	2.34	0.94	0.56	1.85	0.80	1.70	0.575	1.35	1.47	1.30	2.49	0.99	1.57	2.07

Notes: Au results assayed by Fire Assay, 30g sample size and Instrumental finish from Lab 13 were removed for failing the t test. Ag results assayed by Fire Assay, gravimetric finish from Lab 1 were removed for failing the t test.

APPENDIX III: QAQC

Table below illustrates percentages of over size (+275 mesh) material in CDN-SS-2204

Standard	Study Date	Total weight Screened (g)	Total weight Over size (g)	Percentage
CDN-SS-2204	May 8 2023	300	1.1	0.4%
	May 8 2023	300	1.1	0.4%
	May 8 2023	300	1	0.3%

Table below shows homogeneity test results of CDN-SS-2204

	Au Original	Au Repeat	Between Sample Variance Wt	Sample Avg. Xt	Stdev of Sample Avg	Within-Sample Std.
CDN-SS-2204	2.017	1.942	0.075	1.980	0.000	0.006
	1.901	1.975	0.074	1.938	0.002	0.005
	2.020	1.999	0.021	2.010	0.001	0.000
	1.996	1.983	0.013	1.990	0.000	0.000
	1.982	2.023	0.041	2.003	0.001	0.002
	1.959	2.018	0.059	1.989	0.000	0.003
	2.007	2.005	0.002	2.006	0.001	0.000
	1.933	2.017	0.084	1.975	0.000	0.007
	1.999	1.875	0.124	1.937	0.002	0.015
	1.989	1.957	0.032	1.973	0.000	0.001
	1.941	1.940	0.001	1.941	0.002	0.000
	2.007	2.068	0.061	2.038	0.003	0.004
	1.982	1.937	0.045	1.960	0.000	0.002
	1.957	2.008	0.051	1.983	0.000	0.003
	1.957	2.008	0.051	1.983	0.000	0.003
Statistics			**Gavg**	**SX**	**SS**	
Mean	1.976	1.984	**1.980**	**0.028**	**0.007**	
SD	0.0342	0.0472	**C**	**C SQRT**		
RSD	1.733	2.381	**0.0026**	**0.05**		
Proof of Homogeneity	Based on Statistical procedures outlined in Annex B, ISO 13528:2015 guidelines, If "SS is < square root of C" Standard is considered homogeneous. **CDN-SS-2204 is statistically homogenous in Au**					

	Ag Original	Ag Repeat	Between Sample Variance Wt	Sample Avg. Xt	Stdev of Sample Avg	Within-Sample Std.
CDN-SS-2204	243	249	6.000	246.000	59545.728	36.000
	249	225	24.000	237.000	55234.369	576.000
	240	244	4.000	242.000	57609.568	16.000
	227	241	14.000	234.000	53833.249	196.000
	257	227	30.000	242.000	57609.568	900.000
	246	237	9.000	241.500	57369.798	81.000
	245	224	21.000	234.500	54065.519	441.000
	237	235	2.000	236.000	54765.329	4.000
	245	249	4.000	247.000	60034.768	16.000
	248	237	11.000	242.500	57849.838	121.000
	235	238	3.000	236.500	54999.599	9.000
	255	233	22.000	244.000	58573.648	484.000
	236	235	1.000	235.500	54531.559	1.000
	242	236	6.000	239.000	56178.449	36.000
	239	247	8.000	243.000	58090.608	64.000
Statistics			**Gavg**	**SX**	**SS**	
Mean	242.933	237.133	**240.033**	**246.445**	**246.34**	
SD	7.7870	7.9809	**C**	**C SQRT**		
RSD	3.205	3.366	**102712.8935**	**320.49**		
Proof of Homogeneity	Based on Statistical procedures outlined in Annex B, ISO 13528:2015 guidelines, If "SS is < square root of C" Standard is considered homogeneous. **CDN-SS-2204 is statistically homogenous in Ag**					