

CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-SS-2206

Recommended value and the "Between Laboratory" two standard deviations

Gold	7.77 g/t ± 0.40 g/t	Certified value	30g FA / AA or ICP finish
Gold	7.76 g/t ± 0.51 g/t	Certified value	30g FA / gravimetric finish
Silver	1156 g/t ± 47 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-2206 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 III 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:

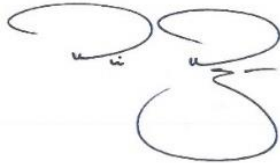
15 samples were selected selectively throughout the batch and were sent to an independent assay Laboratories for Homogeneity testing for gold and silver following directions of Annex B, Homogeneity and Stability of proficiency test items, ISO 13528:2015 Guidelines.

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 II).

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	71.2	Na ₂ O	0.8
Al ₂ O ₃	11.9	MgO	0.7
Fe ₂ O ₃	2.9	K ₂ O	4.7
CaO	2.8	TiO ₂	0.2
MnO	0.2	LOI	4.0
Total C	0.2	Total S	0.4

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: QAQC

Table below illustrates percentages of over size (+275 mesh) material in CDN-SS-2206

Standard	Study Date	Total weight Screened (g)	Total weight Over size (g)	Percentage
CDN-SS-2206	May 8 2023	300	1.0	0.3%
	May 8 2023	300	1.0	0.3%
	May 8 2023	300	1.0	0.3%

Table below shows homogeneity test results of CDN-SS-2206

CDN-SS-2206	Au Original	Au Repeat	Between Sample Variance Wt	Sample Avg. Xt	Stdev of Sample Avg	Within-Sample Std.
	8.352	8.151	0.201	8.252	0.005	0.040
	8.549	8.389	0.160	8.469	0.083	0.026
	8.371	8.258	0.113	8.315	0.018	0.013
	7.904	8.348	0.444	8.126	0.003	0.197
	8.453	8.206	0.247	8.330	0.022	0.061
	8.034	7.907	0.127	7.971	0.044	0.016
	8.377	8.095	0.282	8.236	0.003	0.080
	8.001	8.309	0.308	8.155	0.001	0.095
	8.317	8.101	0.216	8.209	0.001	0.047
	8.057	7.831	0.226	7.944	0.056	0.051
	7.863	8.505	0.642	8.184	0.000	0.412
	8.189	8.244	0.055	8.217	0.001	0.003
	7.926	8.084	0.158	8.005	0.031	0.025
	7.923	8.124	0.201	8.024	0.025	0.040
8.557	8.008	0.549	8.283	0.010	0.301	
Statistics			Gavg	SX	SS	
Mean	8.192	8.171	8.181	0.147	0.217	
SD	0.2464	0.1805	C	C SQRT		
RSD	3.008	2.210	0.0699	0.26		
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-2206 is statistically homogenous in Au					

APPENDIX III: 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-2206	>5.0	>5.0	7.87	7.76	8.30	7.68	7.21	NSS	8.02	8.030	7.687	7.895	>5.0	7.75	7.49
	>5.0	>5.0	7.80	7.58	7.92	7.56	7.69	7.12	7.60	7.923	7.750	7.921	>5.0	7.72	7.28
	>5.0	>5.0	7.81	8.10	7.89	7.63	7.46	7.84	7.66	7.388	7.763	7.879	>5.0	7.97	7.35
	>5.0	>5.0	7.72	7.95	NSS	7.69	7.34	8.10	7.88	8.072	7.835	7.795	>5.0	7.74	7.47
	>5.0	>5.0	7.85	7.66	7.74	7.84	7.12	7.48	7.95	7.836	7.935	7.708	>5.0	7.61	7.79
	>5.0	>5.0	7.93	7.97	7.96	7.91	7.93	8.08	7.55	7.758	7.591	8.239	>5.0	7.90	7.10
	>5.0	>5.0	NSS	7.78	7.86	7.88	7.59	7.94	7.76	7.956	7.570	7.894	>5.0	7.79	7.58
	>5.0	>5.0	8.43	7.77	7.82	7.77	7.51	7.95	7.48	7.979	7.647	7.629	>5.0	7.99	7.54
	>5.0	>5.0	8.30	8.37	NSS	7.54	7.80	8.16	7.84	7.959	7.460	8.229	>5.0	7.86	7.19
>5.0	>5.0	7.77	7.76	NSS	7.46	7.62	7.83	7.85	8.083	7.539	7.486	>5.0	7.86	7.57	
Mean	-	-	7.94	7.87	7.927	7.70	7.53	7.83	7.76	7.898	7.678	7.868	-	7.82	7.44
Std.	-	-	0.25	0.23	0.18	0.15	0.25	0.33	0.18	0.21	0.15	0.24	-	0.12	0.21
% RSD	-	-	3.14	2.96	2.26	1.98	3.38	4.28	2.32	2.60	1.89	3.01	-	1.52	2.78
Au (g/t) by Fire Assay, 30g sample size, Gravimetric finish															
CDN-SS-2206	6.69	7.89	7.72	8.13	7.69	-	7.80	7.91	7.49	7.64	7.72	7.8	7.10	7.9	7.1
	6.88	7.75	7.80	8.08	8.11	-	7.87	7.96	7.38	7.71	7.62	7.7	7.34	7.4	7.6
	7.22	7.87	7.69	7.87	7.89	-	8.09	8.23	7.52	7.65	7.36	8.1	6.91	7.6	7.8
	6.93	7.65	NSS	8.15	8.01	-	8.33	7.94	7.37	7.58	7.43	8.1	7.27	7.8	7.4
	6.66	7.48	7.75	8.19	7.95	-	8.20	7.89	7.48	7.15	7.46	8.2	7.06	8.0	7.6
	7.41	7.64	7.47	8.17	7.26	-	8.34	8.00	7.59	7.67	7.62	8.1	7.27	8.0	7.2
	6.77	7.45	7.95	7.93	7.81	-	8.18	7.79	7.50	7.47	7.56	8.1	7.13	7.5	7.4
	7.05	7.71	7.61	8.09	7.21	-	8.07	7.92	7.51	8.03	7.59	7.7	6.93	7.8	7.5
	7.16	7.72	7.95	7.99	7.63	-	7.97	8.08	7.54	7.78	7.42	7.9	6.31	7.7	7.4
7.38	7.58	7.95	7.92	7.67	-	7.81	7.94	7.34	8.17	7.79	8.0	6.93	7.4	7.1	
Mean	7.02	7.67	7.77	8.05	7.72	-	8.07	7.97	7.47	7.69	7.56	8.0	7.03	7.7	7.4
Std.	0.27	0.15	0.17	0.12	0.30	-	0.20	0.119	0.08	0.28	0.14	0.18	0.29	0.23	0.23
% RSD	3.89	1.91	2.15	1.44	3.88	-	2.48	1.493	1.09	3.66	1.83	2.29	4.19	2.96	3.08
Ag (g/t) by Fire Assay, Gravimetric finish															
CDN-SS-2206	944	1160	1170	1180	1125	1145	1120	1125	1167	1179	1181	1186	1010	1121	1089
	943	1140	1170	1180	1095	1140	1085	1145	1144	1180	1184	1190	1060	1115	1060
	1010	1110	1170	1180	1120	1150	1095	1145	1146	1169	1187	1185	1050	1117	1060
	974	1150	1155	1200	1140	1160	1115	1135	1148	1180	1188	1222	1050	1134	1043
	945	1130	1170	1170	1125	1150	1130	1125	1161	1171	1190	1220	1090	1133	1073
	1120	1130	1170	1170	1115	1140	1135	1140	1140	1175	1185	1177	1010	1157	1053
	931	1140	1140	1165	1135	1145	1135	1120	1164	1176	1162	1208	1060	1160	1069
	927	1120	1170	1165	1155	1150	1120	1140	1159	1178	1193	1198	1010	1175	1056
	992	1120	1170	1185	1140	1150	1080	1155	1159	1193	1184	1172	959	1167	1033
	1060	1160	1175	1185	1150	1150	1060	1140	1150	1177	1193	1130	1020	1172	1096
Mean	985	1136	1166	1178	1130	1148	1108	1137	1154	1178	1185	1189	1032	1145	1063
Std.	63.22	17.13	10.49	10.85	17.80	5.87	25.95	10.85	9.31	6.48	8.90	26.73	37.28	23.59	19.34
% RSD	6.42	1.51	0.90	0.92	1.57	0.51	2.34	0.954	0.81	0.55	0.75	2.25	3.61	2.06	1.82

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

Ag results assayed by Fire Assay, gravimetric finish from Labs 1,13 &15 were removed for failing the t test.