

# CDN Resource Laboratories Ltd.

#2, 20148 – 102<sup>nd</sup> Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 ([www.cdnlabs.com](http://www.cdnlabs.com))

## REFERENCE MATERIAL: CDN-GS-5T

Recommended value and the "Between Laboratory" two standard deviations

<i>Gold</i>	<i>4.76 g/t ± 0.21 g/t</i>	<i>30 g FA, instrumental</i>	<i>Certified value</i>
<i>Gold</i>	<i>4.86 g/t ± 0.26 g/t</i>	<i>30 g FA, gravimetric</i>	<i>Certified value</i>
<i>Silver</i>	<i>126 g/t ± 10 g/t</i>	<i>4 Acid digest, ICP</i>	<i>Certified value</i>

**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:** March 28, 2016

### ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-5T was prepared using 750 kg of ore supplied by Silvercrest Mines Inc. from their Santa Elena property in Mexico, plus 55 kg of high grade gold and silver bearing ore.

### 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. Round robin results are displayed below:

	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
Instrumental	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
GS-5T-1	4.90	4.76	4.93		4.85	4.85	4.64	4.84	4.83	5.09	4.62	4.92	4.62	4.95	4.59
GS-5T-2	4.72	4.73	4.72		4.67	4.79	4.71	4.74	4.86	5.10	4.81	4.85	4.81	4.75	4.63
GS-5T-3	4.71	4.52	4.84		4.58	4.89	4.97	4.79	4.92	4.85	4.72	4.91	4.72	5.02	4.65
GS-5T-4	4.85	4.41	4.69		4.82	4.76	4.75	4.77	4.88	4.84	4.73	5.06	4.73	4.59	4.76
GS-5T-5	4.76	4.73	4.69		4.76	4.83	4.67	4.88	4.84	5.10	4.61	5.19	4.61	4.69	4.81
GS-5T-6	4.74	4.58	4.65		4.64	4.89	4.70	4.74	4.92	4.75	4.59	5.15	4.59	4.84	4.69
GS-5T-7	4.51	4.66	4.79		4.58	4.86	4.67	4.72	4.88	4.85	4.94	4.94	4.94	4.82	4.71
GS-5T-8	4.84	4.88	4.72		4.72	4.76	4.64	4.74	4.87	4.84	4.69	5.09	4.69	4.73	4.79
GS-5T-9	4.65	4.63	4.72		4.51	4.81	4.76	4.89	4.79	4.72	4.87	5.19	4.87	4.95	4.69
GS-5T-10	4.81	4.47	4.80		4.65	4.80	4.88	4.77	4.93	4.90	4.61	4.96	4.61	4.67	4.60
Mean	4.75	4.64	4.75		4.68	4.82	4.74	4.79	4.87	4.90	4.72	5.03	4.72	4.80	4.69
Std. Dev'n	0.1128	0.1447	0.0852		0.1091	0.0481	0.1082	0.0612	0.0455	0.1426	0.1207	0.1255	0.1207	0.1386	0.0767
%RSD	2.37	3.12	1.79		2.33	1.00	2.28	1.28	0.93	2.91	2.56	2.50	2.56	2.89	1.63
Gravimetric	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
GS-5T-1	4.89	4.84	4.98	4.80	4.96	4.93	4.93	4.87	5.14	5.07	4.99	5.10	4.59	4.97	
GS-5T-2	4.86	4.94	4.96	4.80	4.66	4.91	4.94	4.68	4.99	4.87	4.89	5.40	4.55	4.96	
GS-5T-3	4.66	4.86	4.87	4.83	4.63	5.05	4.94	5.06	4.92	4.87	5.03	5.40	4.74	4.90	
GS-5T-4	4.90	4.78	4.83	4.70	4.82	4.83	4.66	4.88	4.79	5.47	4.93	5.50	4.75	4.81	
GS-5T-5	4.73	4.65	4.97	4.70	4.87	4.94	4.89	4.80	5.19	4.93	4.99	5.50	4.32	4.95	
GS-5T-6	5.02	4.77	4.75	4.70	4.72	5.05	4.87	4.95	4.85	5.20	4.92	5.20	4.59	4.78	
GS-5T-7	5.00	4.95	4.72	4.90	4.60	4.98	4.86	4.92	4.72	4.73	4.93	4.80	4.47	4.73	
GS-5T-8	4.84	4.88	4.99	4.66	4.60	4.84	5.01	4.77	4.52	5.13	5.00	5.40	4.60	4.95	
GS-5T-9	4.77	4.88	4.87	4.39	4.73	4.94	4.96	4.88	4.58	4.60	4.94	5.40	4.89	4.87	
GS-5T-10	5.06	4.86	4.89	4.63	4.72	4.90	4.80	4.93	4.86	5.07	4.93	5.00	4.89	4.90	
Mean	4.87	4.84	4.88	4.71	4.73	4.94	4.89	4.87	4.86	4.99	4.96	5.27	4.64	4.88	
Std. Dev'n	0.1297	0.0886	0.0953	0.1407	0.1199	0.0748	0.0989	0.1052	0.2169	0.2484	0.0443	0.2359	0.1805	0.0834	
%RSD	2.66	1.83	1.95	2.99	2.54	1.52	2.02	2.16	4.47	4.97	0.89	4.48	3.89	1.71	

### Notes:

Instrumental data from Lab 4 and gravimetric data from lab 15 were not reported.

Instrumental data from Lab 12 was removed for failing the t-test.

Gravimetric data from Lab 12 was removed for failing the t-test.

**REFERENCE MATERIAL: CDN-GS-5T**

	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
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
GS-5T-1	127	124	137	119	131	125	133	126	131	120	119	115	119	132	127
GS-5T-2	126	130	126	118	122	124	139	130	131	124	110	115	110	125	131
GS-5T-3	128	132	132	119	123	127	126	124	130	124	128	117	128	135	122
GS-5T-4	123	127	133	123	125	125	129	131	131	121	128	123	128	134	122
GS-5T-5	129	130	132	124	132	124	133	130	130	122	112	121	112	129	128
GS-5T-6	125	128	126	122	126	122	128	130	129	122	120	120	120	124	128
GS-5T-7	125	135	128	116	132	122	133	127	131	123	117	121	117	129	129
GS-5T-8	133	137	129	124	126	124	130	128	131	124	125	134	125	125	122
GS-5T-9	131	125	131	127	123	121	129	130	132	125	115	116	115	132	126
GS-5T-10	126	131	131	123	118	121	130	129	130	121	120	125	120	130	122
Mean	127	130	131	122	126	124	131	129	131	123	119	121	119	130	126
Std. Dev'n	3.020	4.122	3.375	3.375	4.662	1.958	3.651	2.224	0.986	1.647	6.222	5.794	6.222	3.866	3.433
%RSD	2.37	3.17	2.59	2.78	3.71	1.59	2.79	1.73	0.75	1.34	5.21	4.80	5.21	2.99	2.73

**APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):**

	Percent		Percent
SiO <sub>2</sub>	65.6	Na <sub>2</sub> O	<0.1
Al <sub>2</sub> O <sub>3</sub>	2.8	MgO	0.2
Fe <sub>2</sub> O <sub>3</sub>	3.3	K <sub>2</sub> O	1.5
CaO	14.6	TiO <sub>2</sub>	<0.1
MnO	0.3	LOI	11.0
Total S	0.3	Total C	3.3

**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  $\pm 2$  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.

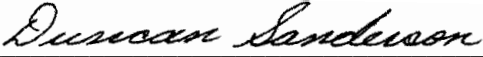
**REFERENCE MATERIAL: CDN-GS-5T****Participating Laboratories:** (not in same order as table of assays)

Actlabs, Ancaster, Ontario, Canada  
Actlabs, Thunder Bay, Ontario, Canada  
ALS Canada, North Vancouver, British Columbia, Canada  
ALS Loughrea (Omac), Ireland  
Argetest, Ankara, Turkey  
American Assay Laboratories Inc., Sparks, Nevada, USA  
Bureau Veritas (Acme), Vancouver, British Columbia, Canada  
Bureau Veritas (Ultra Trace), Perth, Australia  
Certimin, Lima, Peru  
Labtium, Finland  
Met-Solve Analytical Services, Langley, British Columbia, Canada  
SGS, Lima, Peru  
SGS, Vancouver, British Columbia, Canada  
Skyline Laboratories, Arizona, USA  
TSL Laboratories Ltd., Saskatoon, Saskatchewan, Canada


**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

  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

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