

CDN Resource Laboratories Ltd.

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

GOLD ORE REFERENCE MATERIAL CDN-GS-40A

Recommended value and the "Between Laboratory" two standard deviations

<i>Gold</i>	<i>40.31 g/t ± 0.79 g/t</i>	<i>Certified value</i>	<i>30g FA / gravimetric</i>
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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: October 9, 2015

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-40A was prepared by combining two different high grade gold ores.

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
SAMPLE	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-40A-1	38.80	40.30	40.70	41.40	40.70	39.77	40.50	40.90	39.84	40.64	40.45	40.02	41.20	39.12	39.88
GS-40A-2	39.35	40.20	40.00	40.10	40.50	39.87	40.30	40.50	40.34	40.72	40.42	39.72	39.47	38.40	40.34
GS-40A-3	40.50	40.80	40.20	40.30	40.70	40.53	40.60	42.20	40.44	40.32	40.37	40.66	40.33	39.70	39.82
GS-40A-4	39.16	40.30	40.70	40.00	40.70	39.99	40.20	40.90	40.37	40.58	40.47	39.97	39.87	39.80	40.22
GS-40A-5	38.54	40.20	40.50	40.40	40.70	40.62	40.60	40.50	40.42	40.79	40.72	39.70	41.93	40.05	39.45
GS-40A-6	38.46	40.50	39.80	40.60	39.90	39.87	39.90	40.90	40.53	40.89	40.86	40.14	41.33	40.10	40.42
GS-40A-7	38.41	39.70	40.90	40.60	40.40	39.28	40.30	41.00	39.83	40.59	39.98	40.10	41.47	38.60	39.46
GS-40A-8	39.42	40.00	40.80	40.20	40.40	40.10	39.80	41.00	40.41	40.71	40.66	40.21	40.53	39.10	39.99
GS-40A-9	39.06	39.20	39.90	40.10	40.60	40.50	40.20	40.40	40.09	40.26	40.34	40.24	42.67	39.60	40.49
GS-40A-10	39.04	40.40	39.50	40.20	40.60	39.66	40.40	39.20	39.92	40.74	40.87	40.34	40.47	39.80	40.42
Mean	39.07	40.16	40.30	40.39	40.52	40.02	40.28	40.75	40.22	40.62	40.51	40.11	40.93	39.43	40.05
Std. Dev'n	0.6161	0.4452	0.4853	0.4095	0.2486	0.4272	0.2700	0.7412	0.2710	0.1991	0.2711	0.2865	0.9744	0.5929	0.3921
%RSD	1.58	1.11	1.20	1.01	0.61	1.07	0.67	1.82	0.67	0.49	0.67	0.71	2.38	1.50	0.98

Note: Au data from Lab 1 was excluded for failing the t test.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent		Percent
SiO ₂	58.8	Na ₂ O	1.6
Al ₂ O ₃	13.2	MgO	1.7
Fe ₂ O ₃	14.9	K ₂ O	2.7
CaO	3.2	TiO ₂	0.4
MnO	0.1	LOI	2.0
Total S	1.3	Total C	<0.1

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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.

Participating Laboratories:

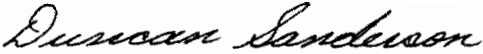
(not in same order as table of assays)

Bureau Veritas, Vancouver, British Columbia, Canada
Accurassay, Thunder Bay, Ontario, Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
American Assay Laboratories, Nevada, United States
ALS Canada, North Vancouver, British Columbia, Canada
ALS Reno, Nevada, United States
Argetest, Ankara, Turkey
Certimin, Lima, Peru
Met-Solve Analytical, Langley, British Columbia, Canada
ALS Loughrea (OMAC), Ireland
Skyline Assayers & Laboratories Ltd, Arizona, United States
SGS, Vancouver, British Columbia, Canada
SGS, Lima, Peru
TSL Laboratories Ltd., Saskatoon, Saskatchewan, Canada


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Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


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