

CDN Resource Laboratories Ltd.

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GOLD ORE REFERENCE STANDARD: CDN-GS-10D

Recommended value and the "Between Laboratory" two standard deviations

Gold concentration: 9.50 ± 0.56 g/t

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: December 21, 2010

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-GS-10D was prepared using ore supplied by Teuton Resources from their Clone gold property in B.C., Canada. Mineralization is localized within highly silicified semi-massive to massive specular hematite. The gold occurs as fine disseminations and is associated with the oxide mineralization. The major lithology is observed to be light grey to green andesitic pyroclastics intercalated with fine grained to aphanitic andesite. Clasts are subangular to angular, matrix supported, and range in size from 1-3cm. Quartz-calcite stockwork pervades the unit in moderate abundance. 50kg of this ore was blended with 730 kg of a blank granitic 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 6 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 gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt	Au gpt
GS-10D-1	9.79	9.38	9.10	9.46	9.72	9.48	9.67	9.82	9.93	10.20	10.10	9.77	9.73	9.53	9.35
GS-10D-2	9.78	9.43	9.14	9.26	8.76	9.55	8.87	9.76	9.59	9.67	9.09	9.93	9.73	9.42	9.37
GS-10D-3	9.84	9.18	9.52	9.60	9.68	9.40	9.54	9.72	9.62	9.51	9.23	9.53	9.80	9.43	9.47
GS-10D-4	9.70	9.10	9.38	9.94	9.47	9.65	8.88	9.59	9.72	9.37	9.82	9.57	9.87	9.48	9.02
GS-10D-5	9.81	8.95	9.31	9.24	9.26	9.84	9.28	9.58	9.56	9.08	9.36	9.63	9.07	9.37	9.47
GS-10D-6	9.57	9.31	9.48	9.05	9.48	9.45	9.41	9.78	9.51	9.47	9.67	9.93	9.64	9.46	9.10
GS-10D-7	9.72	8.91	9.24	9.12	8.88	9.55	8.80	9.91	9.58	9.34	10.30	9.63	9.87	9.98	9.08
GS-10D-8	9.68	8.85	9.49	9.60	9.30	9.68	9.23	9.51	9.75	9.29	9.42	9.67	9.69	9.59	9.02
GS-10D-9	9.79	8.93	9.34	9.12	9.65	9.80	8.81	9.51	9.40	9.87	9.13	9.93	9.60	9.83	8.77
GS-10D-10	9.88	9.06	9.26	9.46	9.51	9.85	8.88	9.65	9.90	9.60	9.20	9.67	9.97	9.53	9.36
Mean	9.76	9.11	9.33	9.39	9.37	9.63	9.14	9.68	9.66	9.54	9.53	9.73	9.70	9.56	9.20
Std. Dev.	0.090	0.207	0.145	0.279	0.328	0.165	0.329	0.137	0.168	0.319	0.424	0.154	0.248	0.196	0.235
%RSD	0.92	2.27	1.55	2.97	3.50	1.71	3.61	1.41	1.74	3.34	4.44	1.59	2.56	2.05	2.55

Assay Procedure: *all assays were fire assay, gravimetric finish on 30g samples except for labs 3, 5 and 14 which used an instrumental finish.*

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent		Percent
SiO ₂	66.4	Na ₂ O	2.3
Al ₂ O ₃	11.6	MgO	1.8
Fe ₂ O ₃	8.1	K ₂ O	2.3
CaO	2.3	TiO ₂	0.6
MnO	0.1	LOI	2.8
S	0.6	C	0.2

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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:

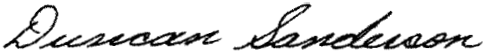
(not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver, Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
AHK Geochem, Alaska, USA
American Assay Laboratories, Nevada, USA
ALS Chemex, North Vancouver, Canada
EcoTech, Kamloops, B.C., Canada
Genalysis, Australia
Labtium Inc., Finland
Omac Laboratory, Ireland
Skyline Assayers & Laboratories Ltd, Arizona, USA
SGS, Vancouver, B.C., Canada
SGS, Lima, Peru
TSL Laboratories Ltd., Saskatoon, Canada
Ultra Trace Laboratories, Australia


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Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


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