# CDN Resource Laboratories Ltd.

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### **REFERENCE MATERIAL: CDN-GS-3F**

Recommended value and the "Between Laboratory" two standard deviations *Gold concentration:* 3.10  $\pm$  0.24 g/t

PREPARED BY:CDN Resource Laboratories Ltd.CERTIFIED BY:Duncan Sanderson, B.Sc., Licensed Assayer of British ColumbiaINDEPENDENT GEOCHEMIST:Dr. Barry Smee., Ph.D., P. Geo.DATE OF CERTIFICATION:October 20, 2009

#### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-3F was prepared primarily using ore supplied by Agnico Eagle Mines from their Goldex mine in Quebec. The mineralized zones consist of stockworks of pyrite bearing quartz-tournaline veins. 490 kg of Goldex ore was blended with 116 kg of ore from the Eskay Creek property in B.C. and 200 kg of a blank, granitic material.

#### **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 14 commercial laboratories for round robin assaying. Round robin results are displayed below:

	L	ab 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
	A	u (g/t)	Au (g/t)												
GS-3F-1		3.16	3.21	3.13	3.00	2.96	2.95	3.15	3.25	3.17	3.22	3.56	3.22	3.03	3.00
GS-3F-2		3.33	3.43	3.37	2.94	3.01	3.02	3.19	3.16	2.94	2.93	3.21	3.45	3.11	3.10
GS-3F-3		3.23	3.12	3.38	3.01	3.09	3.02	3.24	3.29	3.10	3.06	3.11	3.32	3.11	3.03
GS-3F-4		3.35	3.15	3.14	2.96	2.81	3.09	3.20	3.38	3.16	3.10	3.39	3.06	2.98	3.00
GS-3F-5		3.39	2.90	3.09	2.95	3.09	2.95	3.12	3.16	3.22	3.03	3.15	3.38	3.07	2.83
GS-3F-6	:	3.25	3.17	2.99	3.03	2.97	3.02	3.11	3.02	3.10	3.01	3.31	3.30	3.08	3.02
GS-3F-7		3.14	3.09	3.17	3.01	2.89	2.88	3.18	3.13	3.11	3.14	3.28	3.28	3.12	3.10
GS-3F-8		3.18	3.18	3.14	3.00	3.03	3.02	3.14	2.61	3.32	3.22	3.31	3.39	2.99	3.08
GS-3F-9		3.13	3.18	2.98	3.05	2.83	2.95	3.08	2.98	3.23	3.34	3.41	3.23	3.11	3.07
GS-3F-10		3.17	2.97	3.11	2.93	2.92	3.02	3.16	2.98	2.98	3.20	3.46	3.17	3.00	3.08
Mean		3.23	3.14	3.15	2.99	2.96	2.99	3.16	3.10	3.13	3.13	3.32	3.28	3.06	3.03
Std. Dev.	0	).094	0.142	0.134	0.040	0.098	0.059	0.047	0.216	0.114	0.123	0.140	0.115	0.056	0.079
% RSD		2.91	4.54	4.26	1.36	3.33	1.97	1.50	6.98	3.65	3.92	4.23	3.51	1.83	2.61

Assay Procedure: all assays were fire assay, ICP or AA finish on 30g samples.

Data from Lab 11 was excluded for failing the t test.

#### APPROXIMATE CHEMICAL COMPOSITION:

	Percent		Percent
SiO2	61.7	Na2O	3.8
Al2O3	13.4	MgO	3.2
Fe2O3	4.6	K2O	1.4
CaO	4.4	TiO2	0.4
MnO	0.1	LOI	5.2
S	0.9	С	1.0

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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, B.C., Canada Activation Laboratories, Ancaster, Ontario, Canada Activation Laboratories, Thunder Bay, Ontario, Canada ALS Chemex, North Vancouver, B.C., Canada Assayers Canada Ltd., Vancouver, B.C., Canada Eco Tech Laboratory Ltd., Kamloops, B.C., Canada Genalysis Lab.Services, Perth, Australia Inspectorate America, Nevada, USA Labtium Inc., Finland Omac Laboratory, Ireland Skyline Assayers & Laboratories Ltd, Arizona, USA SGS Toronto, Ontario, Canada TSL Laboratories Ltd., Saskatoon, SK, Canada Ultra Trace Pty. Ltd., Perth, Australia

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Duran Sanderson

Duncan Sanderson, Certified Assayer of B.C.

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Geochemist

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