

CDN Resource Laboratories Ltd.

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

REFERENCE MATERIAL: CDN-CGS-9

Recommended value and the "Between Laboratory" two standard deviations

Gold	0.34 g/t ± 0.034 g/t	Certified value	30g, FA / Instrumental
Copper	0.473 % ± 0.025 %	Certified value	4 Acid / Instrumental

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee, PhD, P Geo
DATE OF CERTIFICATION: December 18, 2005

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Metals Corporation from the Red Chris Property in British Columbia. Most of the mineralization is closely associated with individual and sheeted quartz (± carbonate) veining and quartz (+/- carbonate) stockwork zones. It occurs as disseminations and fracture coatings. Pyrite, chalcopyrite and lesser bornite are the principal sulphide minerals. Gold occurs as electrum spatially and genetically associated with the copper mineralization

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200-mesh screen. The +200 material was discarded. The -200 material was mixed for 5 days in a rotary mixer. After internal assaying to test for homogeneity, splits were taken and sent to 12 laboratories for round robin assaying.

ASSAY PROCEDURES:

Au: 30 gr Fire assay pre-concentration, AA or ICP finish.

Ag: 4 Acid Digestion with AA or ICP finish.

Whole rock analysis and 30 element ICP analysis (4-acid digestion) were also conducted on 10 samples.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent		Percent
SiO ₂	60.5	Na ₂ O	1.8
Al ₂ O ₃	12.7	MgO	1.9
Fe ₂ O ₃	9.1	K ₂ O	3.1
CaO	3.6	LOI	5.3

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 ±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.

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
	Au (g/t) by Fire Assay, 30g sample size and Instrumental finish											
CGS-9-1	0.38	0.344	0.35	0.366	0.319	0.334	0.276	0.34	0.33	0.347	0.34	0.315
CGS-9-2	0.35	0.387	0.34	0.34	0.322	0.332	0.303	0.37	0.33	0.335	0.32	0.360
CGS-9-3	0.36	0.400	0.33	0.363	0.327	0.337	0.304	0.39	0.33	0.359	0.33	0.346
CGS-9-4	0.35	0.344	0.38	0.351	0.323	0.317	0.317	0.40	0.32	0.368	0.34	0.350
CGS-9-5	0.36	0.352	0.33	0.4	0.336	0.356	0.296	0.36	0.33	0.324	0.33	0.345
CGS-9-6	0.36	0.353	0.33	0.361	0.306	0.357	0.274	0.34	0.33	0.375	0.31	0.350
CGS-9-7	0.34	0.351	0.33	0.377	0.329	0.336	0.313	0.35	0.33	0.341	0.34	0.360
CGS-9-8	0.33	0.329	0.32	0.359	0.317	0.336	0.319	0.34	0.33	0.357	0.31	0.360
CGS-9-9	0.35	0.339	0.35	0.348	0.335	0.346	0.315	0.39	0.35	0.341	0.33	0.347
CGS-9-10	0.37	0.319	0.33	0.359	0.323	0.350	0.324	0.34	0.33	0.339	0.35	0.340
Mean	0.35	0.352	0.34	0.363	0.324	0.340	0.307	0.36	0.331	0.349	0.33	0.347
Std. Devn.	0.014	0.025	0.017	0.018	0.009	0.012	0.015	0.024	0.007	0.016	0.013	0.013
% RSD	4.04	6.99	5.1	4.86	2.89	3.64	4.97	6.6	2.23	4.54	4.04	3.84
Cu (%) by 4 Acid digestion /Instrumental finish												
CGS-9-1	0.455	0.466	0.49	0.459	0.43	0.486	0.46	0.477	0.46	0.502	0.477	0.475
CGS-9-2	0.451	0.464	0.49	0.482	0.43	0.485	0.46	0.48	0.45	0.498	0.481	0.474
CGS-9-3	0.459	0.472	0.48	0.473	0.44	0.487	0.47	0.476	0.46	0.491	0.482	0.474
CGS-9-4	0.457	0.476	0.49	0.474	0.44	0.491	0.46	0.484	0.45	0.489	0.484	0.471
CGS-9-5	0.452	0.479	0.49	0.475	0.44	0.488	0.46	0.48	0.46	0.490	0.486	0.472
CGS-9-6	0.454	0.465	0.48	0.474	0.44	0.483	0.46	0.478	0.45	0.488	0.478	0.469
CGS-9-7	0.456	0.469	0.48	0.469	0.44	0.489	0.47	0.476	0.46	0.491	0.467	0.476
CGS-9-8	0.452	0.477	0.49	0.464	0.43	0.489	0.47	0.476	0.46	0.487	0.470	0.471
CGS-9-9	0.453	0.48	0.48	0.457	0.44	0.488	0.46	0.482	0.46	0.503	0.480	0.475
CGS-9-10	0.454	0.482	0.48	0.465	0.42	0.490	0.46	0.482	0.47	0.498	0.476	0.474
Mean	0.454	0.473	0.48	0.469	0.43	0.487	0.46	0.479	0.46	0.494	0.478	0.473
Std. Devn.	0.002	0.007	0.005	0.008	0.007	0.002	0.005	0.003	0.006	0.006	0.006	0.002
% RSD	0.55	1.41	1.09	1.67	1.63	0.45	1.04	0.61	1.38	1.21	1.25	0.48

PARTICIPATING LABORATORIES: (not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver	GTK Laboratory, (Geological Survey of Finland)
Alex Stewart Assayers, Argentina	International Precious Metals Labs, Vancouver
ALS Chemex Laboratories, North Vancouver	OMAC Laboratories Ltd., Ireland
Assayers Canada Ltd., Vancouver	SGS-XRAL, Toronto
EcoTech Laboratory, Kamloops, B.C.	Teck Cominco - Global Discovery Lab. Vancouver
Genalysis Laboratory Services Pty. Ltd., Australia	TSL Laboratories, Saskatoon


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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.