

CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-FCM-1

Recommended values and the "Between Lab" Two Standard Deviations

Gold 1.71 ± 0.14 g/t

Silver 86.3 ± 6.6 g/t

Copper 0.94 ± 0.07 %

Lead 0.51 ± 0.06 %

Zinc 1.93 ± 0.16 %

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.

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. Splits were taken and sent to twelve laboratories for round robin assaying. The material has been packaged in nominal 100g lots in tin-top kraft bags which have been individually vacuum-sealed in polyethylene bags.

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Hunter Dickinson (Farallon) from their Campo Morado property in Mexico. The Campo Morado precious-metal-bearing, volcanogenic massive sulphide deposits occur in a lower Cretaceous bimodal, calc-alkaline volcanic sequence. Most deposits occur in the upper part of a sequence of felsic flows and heterolithic volcanoclastic rocks or at its contact with overlying chert and argillite. Gold, silver, zinc, and lead are associated with pyrite, quartz, ankerite, sphalerite, chalcopyrite and galena, with minor tennantite-freibergite, arsenopyrite, and pyrrotite.

Approximate chemical composition is as follows:

Standard FCM-1 is a high sulphide material with approximately 35% sulphur.

Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean ± 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. The Au data from one laboratory and the Ag data from another laboratory were excluded as they did not pass the "t" test. 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.

Results from round-robin assaying are presented on subsequent pages:

Assay Procedures:

Au: Fire assay pre-concentration, AA or ICP finish (10g sub-sample).

Ag, Cu, Pb, Zn: 4-acid digestion, AA or ICP finish.

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	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	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
	1.70	1.54	1.71	1.88	1.66	1.33	1.69	1.64	1.72	1.86	1.66	1.66
	1.66	1.60	1.78	1.59	1.74	1.22	1.80	1.67	1.70	1.77	1.66	1.59
	1.71	1.52	1.75	1.77	1.67	1.54	1.86	1.68	1.73	1.77	1.74	1.71
	1.67	1.68	1.80	1.69	1.76	1.69	1.80	1.67	1.73	1.92	1.73	1.73
	1.68	1.52	1.70	1.77	1.63	1.25	1.79	1.61	1.74	1.80	1.60	1.58
	1.76	1.65	1.80	1.69	1.69	1.25	1.70	1.64	1.70	1.77	1.80	1.76
	1.77	1.53	1.75	1.88	1.69	1.54	1.74	1.68	1.70	1.80	1.64	1.73
	1.71	1.55	1.80	1.77	1.64	1.50	1.72	1.68	1.70	1.98	1.65	1.72
	1.72	1.65	1.80	1.76	1.67	1.54	1.74	1.65	1.73	1.83	1.74	1.69
	1.69	1.62	1.81	1.89	1.71	1.52	1.76	1.63	1.70	1.77	1.66	1.73
Mean	1.71	1.59	1.77	1.77	1.69	1.44	1.76	1.66	1.72	1.83	1.69	1.69
Std. Devn.	0.0359	0.0611	0.0403	0.0965	0.0414	0.1616	0.0527	0.0246	0.0165	0.0727	0.0611	0.0606
% RSD	2.10	3.85	2.28	5.46	2.46	11.24	2.99	1.49	0.96	3.98	3.62	3.60
	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
	85.5	83.6	94	87	77	83.6	81	91.3	88.2	74	89	89.0
	85.6	82.7	91	89	80	84.2	81	86.6	88.3	75	89	88.3
	86.0	84.5	94	85	83	82.5	84	87.7	90.2	75	87	88.5
	86.5	84.2	91	88	83	84.2	81	86.5	87.9	74	90	89.8
	84.8	83.1	92	87	85	83.6	85	87.8	88.3	76	92	88.3
	84.7	82.6	92	87	82	83.6	82	85.6	88.2	76	90	88.0
	85.1	82.7	94	94	83	84.2	82	90.2	89.1	74	91	87.7
	85.4	83.4	93	80	84	82.9	79	87.1	87.9	74	90	89.5
	84.9	83.1	94	86	83	83.2	81	89.0	86.0	74	88	88.1
	85.1	84.7	93	85	82	82.5	81	87.4	86.7	75	87	87.3
Mean	85.4	83.5	92.8	86.8	82.1	83.5	81.7	87.9	88.1	74.7	89.3	88.5
Std. Devn.	0.5661	0.7706	1.2293	3.5214	2.2574	0.6604	1.7029	1.7618	1.1526	0.8233	1.6364	0.7695
% RSD	0.66	0.92	1.32	4.06	2.75	0.79	2.08	2.00	1.31	1.10	1.83	0.87
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
	0.93	0.91	0.99	0.93	0.90	0.91	0.90	0.97	0.93	0.86	0.93	0.98
	0.95	0.91	0.96	0.96	0.91	0.88	0.93	0.95	0.92	0.87	0.93	0.99
	0.95	0.97	1.00	0.97	0.92	0.91	0.94	0.93	0.92	0.87	0.95	1.00
	0.96	0.98	0.95	0.93	0.93	0.92	0.89	0.94	0.92	0.87	0.93	0.99
	0.95	1.02	0.96	0.95	0.94	0.93	0.89	0.99	0.93	0.86	0.94	1.01
	0.94	1.03	0.95	0.95	0.92	0.88	0.96	0.94	0.93	0.87	0.93	1.00
	0.96	0.98	0.98	0.93	0.92	0.90	0.94	0.94	0.93	0.87	0.94	0.99
	0.96	1.02	0.97	0.95	0.93	0.92	0.92	0.94	0.93	0.87	0.95	1.03
	0.94	0.99	0.97	0.95	0.93	0.89	0.90	0.96	0.92	0.86	0.95	1.00
	0.95	0.98	0.98	0.96	0.92	0.91	0.96	0.92	0.93	0.87	0.90	0.99
Mean	0.95	0.98	0.97	0.95	0.92	0.91	0.92	0.95	0.93	0.87	0.94	1.00
Std. Devn.	0.0081	0.0418	0.0167	0.0140	0.0119	0.0172	0.0261	0.0189	0.0052	0.0048	0.0172	0.0132
% RSD	0.85	4.26	1.73	1.48	1.29	1.90	2.83	2.00	0.56	0.56	1.83	1.33

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	Lab. 1	Lab. 2	Lab. 3	Lab. 4	Lab. 5	Lab. 6	Lab. 7	Lab. 8	Lab. 9	Lab. 10	Lab. 11	Lab. 12
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
	0.53	0.49	0.56	0.51	0.492	0.52	0.48	0.51	0.47	0.44	0.49	0.53
	0.53	0.49	0.53	0.53	0.500	0.40	0.52	0.52	0.46	0.46	0.53	0.52
	0.53	0.52	0.55	0.53	0.509	0.51	0.51	0.54	0.47	0.44	0.55	0.53
	0.52	0.53	0.54	0.5	0.513	0.55	0.46	0.54	0.46	0.44	0.47	0.52
	0.52	0.54	0.53	0.52	0.524	0.52	0.48	0.52	0.47	0.43	0.47	0.54
	0.53	0.55	0.55	0.53	0.514	0.52	0.49	0.50	0.48	0.45	0.46	0.53
	0.53	0.52	0.55	0.58	0.519	0.51	0.50	0.50	0.48	0.46	0.46	0.52
	0.52	0.55	0.56	0.46	0.524	0.53	0.50	0.53	0.48	0.45	0.45	0.54
	0.53	0.53	0.56	0.5	0.522	0.52	0.49	0.52	0.46	0.44	0.49	0.52
	0.52	0.53	0.55	0.52	0.507	0.53	0.51	0.50	0.48	0.44	0.48	0.53
Mean	0.53	0.53	0.55	0.52	0.51	0.51	0.49	0.52	0.47	0.45	0.49	0.53
Std. Devn.	0.0052	0.0212	0.0114	0.0305	0.0106	0.0407	0.0169	0.0159	0.0088	0.0097	0.0313	0.0058
% RSD	0.98	4.04	2.07	5.88	2.08	7.96	3.42	3.08	1.86	2.18	6.43	1.11
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
	1.95	1.80	1.98	1.80	1.79	1.95	1.83	2.11	1.89	1.98	1.98	2.01
	1.92	1.78	1.92	1.83	1.81	1.87	2.02	2.03	1.86	2.00	1.89	2.03
	1.97	1.90	1.99	1.84	1.85	1.94	2.01	2.06	1.89	1.99	1.94	2.04
	2.00	1.91	1.88	1.82	1.84	1.91	1.80	2.08	1.89	1.98	1.92	2.01
	1.94	1.99	1.92	1.77	1.88	1.95	1.84	2.02	1.89	2.00	1.93	2.08
	1.94	2.00	1.92	1.86	1.86	1.90	1.76	2.06	1.89	2.00	1.93	2.07
	1.98	1.91	1.98	2.02	1.87	1.93	1.96	2.07	1.88	2.01	1.96	2.01
	1.96	1.98	1.99	1.61	1.89	1.92	1.86	2.04	1.87	1.98	1.91	2.10
	1.95	1.95	1.96	1.78	1.87	1.90	1.75	2.12	1.87	1.99	1.94	2.01
	1.97	1.92	1.97	1.80	1.85	1.93	1.75	2.03	1.88	1.99	1.97	2.03
Mean	1.96	1.91	1.95	1.81	1.85	1.92	1.86	2.06	1.88	1.99	1.94	2.04
Std. Devn.	0.0230	0.0746	0.0381	0.1003	0.0311	0.0254	0.1042	0.0339	0.0110	0.0104	0.0275	0.0331
% RSD	1.17	3.90	1.95	5.53	1.68	1.32	5.61	1.65	0.59	0.52	1.42	1.63

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Participating Laboratories:

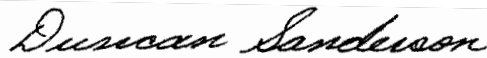
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Certified by



Duncan Sanderson, Certified Assayer of B.C.

Geochemist



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