

CDN Resource Laboratories Ltd.

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ORE REFERENCE STANDARD: CDN-FCM-5

Recommended values and the "Between Lab" Two Standard Deviations

Gold 0.55 ± 0.07 g/t
Silver 28.4 ± 3.2 g/t
Copper 0.419 ± 0.026 %
Lead 0.175 ± 0.010 %
Zinc 0.645 ± 0.052 %

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DATE OF CERTIFICATION: August 19, 2007

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 double-cone blender. Splits were taken and sent to twelve laboratories for round robin assaying. The material has been packaged in nominal 100g lots or 60g 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. Standard CDN-FCM-5 was made by combining 280 kg of Farallon material with 280 kg of blank granitic ore.

Approximate chemical composition is as follows:

	Percent		Percent
SiO ₂	40.3	MgO	1.6
Al ₂ O ₃	6.3	K ₂ O	2.0
Fe ₂ O ₃	28.1	TiO ₂	0.3
CaO	2.5	LOI	15.8
Na ₂ O	0.8	S	18.7

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 means and standard deviations 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.

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Results from round-robin assaying:

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.

	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
FCM5-1	0.53	0.552	0.518	0.58	0.54	0.594	0.69	0.531	0.56	0.550	0.679	0.555
FCM5-2	0.54	0.546	0.516	0.57	0.53	0.663	0.61	0.553	0.61	0.565	0.662	0.575
FCM5-3	0.53	0.550	0.522	0.54	0.50	0.660	0.54	0.537	0.54	0.570	0.674	0.610
FCM5-4	0.60	0.545	0.522	0.56	0.54	0.582	0.63	0.622	0.60	0.575	0.690	0.565
FCM5-5	0.55	0.541	0.518	0.53	0.51	0.591	0.55	0.518	0.52	0.560	0.628	0.610
FCM5-6	0.53	0.531	0.522	0.56	0.54	0.651	0.61	0.570	0.56	0.645	0.644	0.555
FCM5-7	0.55	0.531	0.510	0.55	0.52	0.615	0.62	0.534	0.58	0.530	0.598	0.560
FCM5-8	0.52	0.545	0.508	0.56	0.50	0.593	0.55	0.556	0.55	0.630	0.596	0.580
FCM5-9	0.53	0.564	0.522	0.56	0.52	0.647	0.57	0.566	0.51	0.530	0.635	0.545
FCM5-10	0.42	0.670	0.516	0.53	0.50	0.615	0.66	0.550	0.57	0.570	0.642	0.600
Mean	0.53	0.56	0.52	0.55	0.52	0.62	0.60	0.55	0.56	0.57	0.64	0.58
Std. Devn.	0.045	0.041	0.005	0.016	0.017	0.031	0.050	0.029	0.032	0.038	0.032	0.024
% RSD	8.44	7.30	0.98	2.97	3.27	5.05	8.31	5.23	5.71	6.62	4.99	4.15
	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
FCM5-1	29	30.7	30.14	25.8	27.9	26.5	27	19.0	29.6	26.0	28.6	28
FCM5-2	28	29.5	30.10	29.3	28.1	26.7	27	19.6	30.6	25.9	29.5	30
FCM5-3	28	29.5	30.00	27.1	28.2	27.0	26	19.6	29.3	25.9	28.9	32
FCM5-4	27	29.1	31.07	29.9	30.4	26.7	26	19.0	29.7	25.9	29.3	28
FCM5-5	29	31.8	30.55	27.2	28.7	26.6	26	19.2	30.4	25.3	30.2	30
FCM5-6	28	28.9	30.10	26.0	28.1	26.8	27	19.3	30.8	25.5	28.8	30
FCM5-7	30	29.3	30.77	28.7	28.2	26.9	27	19.2	29.8	25.5	28.3	30
FCM5-8	30	28.7	31.10	27.6	28.3	26.4	28	18.7	29.4	26.2	28.9	30
FCM5-9	27	28.1	30.44	30.2	28.4	26.7	28	18.9	29.7	26.4	29.4	30
FCM5-10	28	29.2	30.14	28.7	28.2	26.7	27	18.7	29.4	26.0	29.8	30
Mean	28.4	29.5	30.4	28.1	28.5	26.7	26.9	19.1	29.9	25.9	29.2	29.8
Std. Devn.	1.075	1.053	0.416	1.547	0.724	0.157	0.738	0.322	0.519	0.337	0.577	1.135
% RSD	3.79	3.57	1.37	5.52	2.54	0.59	2.74	1.69	1.74	1.30	1.98	3.81

Note: 1. "Ag" data from laboratory 8 were excluded from the calculations for failing the "t" test
 2. "Au" data from laboratory 11 were excluded from the calculations for failing the "t" test.

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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
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
FCM5-1	0.429	0.435	0.43	0.406	0.421	0.406	0.388	0.414	0.434	0.42	0.431	0.444
FCM5-2	0.424	0.413	0.43	0.402	0.420	0.406	0.389	0.416	0.434	0.41	0.424	0.445
FCM5-3	0.410	0.415	0.42	0.413	0.422	0.406	0.397	0.417	0.429	0.42	0.411	0.444
FCM5-4	0.415	0.409	0.44	0.409	0.420	0.406	0.394	0.417	0.438	0.42	0.414	0.446
FCM5-5	0.414	0.447	0.43	0.402	0.427	0.400	0.389	0.415	0.435	0.42	0.426	0.445
FCM5-6	0.422	0.417	0.42	0.402	0.422	0.400	0.391	0.411	0.434	0.41	0.402	0.442
FCM5-7	0.432	0.412	0.42	0.414	0.423	0.400	0.397	0.414	0.436	0.41	0.422	0.439
FCM5-8	0.428	0.406	0.44	0.417	0.419	0.400	0.398	0.400	0.435	0.42	0.413	0.440
FCM5-9	0.428	0.411	0.43	0.41	0.424	0.410	0.396	0.411	0.436	0.41	0.41	0.439
FCM5-10	0.420	0.420	0.43	0.41	0.419	0.406	0.408	0.412	0.430	0.41	0.429	0.442
Mean	0.422	0.419	0.429	0.409	0.422	0.404	0.395	0.413	0.434	0.415	0.418	0.443
Std. Devn.	0.0073	0.0128	0.0074	0.0054	0.0024	0.0037	0.0060	0.0050	0.0027	0.0053	0.0095	0.0026
% RSD	1.74	3.06	1.72	1.32	0.56	0.90	1.52	1.21	0.63	1.27	2.28	0.59
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
FCM5-1	0.18	0.174	0.16	0.18	0.173	0.172	0.171	0.177	0.178	0.18	0.192	0.181
FCM5-2	0.18	0.166	0.17	0.18	0.173	0.171	0.172	0.177	0.180	0.18	0.189	0.178
FCM5-3	0.18	0.166	0.17	0.18	0.174	0.170	0.171	0.178	0.178	0.17	0.190	0.180
FCM5-4	0.18	0.166	0.18	0.18	0.173	0.172	0.172	0.178	0.178	0.17	0.191	0.177
FCM5-5	0.18	0.183	0.17	0.18	0.175	0.170	0.172	0.177	0.178	0.17	0.191	0.182
FCM5-6	0.18	0.165	0.17	0.19	0.172	0.167	0.172	0.174	0.178	0.17	0.190	0.183
FCM5-7	0.18	0.164	0.16	0.18	0.175	0.170	0.173	0.176	0.178	0.17	0.186	0.180
FCM5-8	0.18	0.160	0.17	0.18	0.173	0.170	0.174	0.173	0.177	0.17	0.190	0.178
FCM5-9	0.18	0.162	0.16	0.18	0.173	0.172	0.173	0.176	0.178	0.17	0.192	0.181
FCM5-10	0.18	0.164	0.17	0.18	0.174	0.170	0.175	0.175	0.177	0.17	0.188	0.179
Mean	0.180	0.167	0.168	0.181	0.173	0.170	0.173	0.176	0.178	0.172	0.190	0.180
Std. Devn.	0.0000	0.0067	0.0063	0.0032	0.0011	0.0015	0.0013	0.0017	0.0008	0.0042	0.0019	0.0019
% RSD	0.00	4.01	3.76	1.75	0.63	0.88	0.74	0.94	0.46	2.45	0.98	1.06
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
FCM5-1	0.69	0.642	0.65	0.63	0.617	0.645	0.594	0.697	0.642	0.65	0.623	0.663
FCM5-2	0.67	0.618	0.66	0.63	0.622	0.647	0.612	0.696	0.648	0.67	0.626	0.660
FCM5-3	0.66	0.619	0.66	0.64	0.620	0.643	0.604	0.695	0.644	0.66	0.607	0.667
FCM5-4	0.66	0.615	0.66	0.64	0.620	0.648	0.606	0.695	0.652	0.65	0.600	0.659
FCM5-5	0.65	0.681	0.66	0.64	0.628	0.653	0.600	0.691	0.657	0.65	0.608	0.667
FCM5-6	0.68	0.618	0.65	0.63	0.622	0.650	0.596	0.680	0.651	0.63	0.581	0.667
FCM5-7	0.69	0.613	0.67	0.62	0.629	0.644	0.618	0.681	0.654	0.65	0.604	0.667
FCM5-8	0.68	0.601	0.65	0.65	0.619	0.653	0.606	0.667	0.653	0.63	0.593	0.655
FCM5-9	0.68	0.610	0.66	0.64	0.622	0.654	0.619	0.679	0.655	0.66	0.577	0.667
FCM5-10	0.66	0.616	0.66	0.65	0.625	0.648	0.612	0.680	0.651	0.64	0.586	0.663
Mean	0.672	0.623	0.658	0.637	0.622	0.649	0.607	0.686	0.651	0.649	0.601	0.664
Std. Devn.	0.0140	0.0227	0.0063	0.0095	0.0038	0.0039	0.0086	0.0101	0.0048	0.0129	0.0166	0.0043
% RSD	2.08	3.65	0.96	1.49	0.61	0.60	1.42	1.47	0.73	1.98	2.76	0.65

Note: "Pb" data from laboratory 11 were excluded from the calculations for failing the "t" test

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Participating Laboratories:

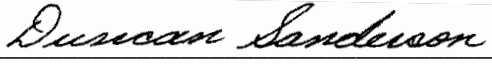
(not in same order as listed in table of results)

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Assayers Canada Ltd., Vancouver
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Alex Stewart (Assayers) Argentina
ALS Chemex Laboratories, North Vancouver
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