

Certificate of Analysis

Shea Clark Smith

Minerals Exploration & Environmental Geochemistry

P.O. Box 18325 Reno, Nevada, U.S.A. 89511-0325

Tel: 75-849-2235 Fax: 775-849-2335

Email: SheaClarkSmith@aol.com

The certified copper value is the best estimate of the true value based on the results of intralaboratory testing.

The uncertainties listed are based on the value judgements of the material inhomogeneity and a confidence interval.

The stated confidence interval is the average of the average value of all reporting laboratories plus or minus one standard deviation.

Data other than copper is not certified and are provided for information only.

COPPER IN PER CENT (%)

MEG JOB# A106008X

SAMPLES AVG = 0.074

LABS AVG = 0.075

MIN = 0.066 MAX = 0.084

MEAN + SD = 0.082

STDEV = 0.007

MEAN - SD = 0.068

%RSD = 8.75

Trace Metal Data: Not Certified

Average of 1 to 5 samples

Ag	Mo
ppm	%
1.38	0.015

Source Rock = typical AZ porphyry

Certificate of Assay for Copper (n=25, 5 Different Laboratories)

Major Constituents (Not Certified)

Average of 1 to 5 samples

TEST	Al	Ca	Fe	K	Mg	Na	S	Ti	Si
	%	%	%	%	%	%	%	%	%
									calculated
1	6.21	1.02	2.34	2.16	0.63	1.92	1.03	0.17	84.69
2	6.43	1.12	2.29	2.12	0.67	1.88	1.12	0.15	84.37
3	6.76	0.93	2.21	2.25	0.64	1.91	1.09	0.16	84.21
4	5.86	0.91	2.34	2.17	0.63	1.89	1.11	0.16	85.09
5	5.99	1.17	2.28	2.11	0.66	1.90	1.19	0.14	84.70
AVERAGE	6.25	1.03	2.29	2.16	0.65	1.90	1.11	0.16	84.61

Major Constituents as Oxides (Not Certified)

Average of 1 to 5 samples

TEST	AlO2	CaO	Fe2O3	K2O	MgO	Na2O	SO3	TiO2	SiO2
FACTOR									
									calculated
1	11.74	1.43	3.35	2.60	1.04	2.59	2.57	0.28	74.40
2	12.15	1.57	3.27	2.55	1.11	2.53	2.79	0.25	73.76
3	12.78	1.30	3.16	2.71	1.06	2.57	2.72	0.27	73.43
4	11.07	1.27	3.35	2.61	1.04	2.55	2.77	0.27	75.06
5	11.32	1.64	3.26	2.54	1.09	2.56	2.97	0.23	74.39
AVERAGE	11.81	1.44	3.28	2.60	1.07	2.56	2.76	0.26	74.21

Safety Notice: A Material Safety Data Sheet (MSDS) is not required for this material.

This material will not release or otherwise result in exposure to a hazardous chemical, under normal conditions of use.

Use regular precautions as for any work with fine powder material.