

Certificate of Analysis

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GEOCHEMICAL REFERENCE STANDARD: S106011X

SILVER MEAN = 2.16 ppm
95% CONFIDENCE LIMITS = 1.28 to 3.04 ppm

COPPER MEAN = 0.291%
95% CONFIDENCE LIMITS = 0.22% to 0.26%

MOLYBDENUM MEAN = 0.019%
95% CONFIDENCE LIMITS = 5.82% to 6.70%

Prepared By: Shea Clark Smith / Minerals Exploration & Environmental Geochemistry

Certified By: Shea Clark Smith, MSc.(Geochemistry), P.G.

Manufactured for: MEG Labs (Washoe Valley, NV)

Date of Certification: February 1, 2007

Origin of Reference Material:

Geochemical Reference Standard A106011X was prepared from typical porphyry material from Arizona.

Method of Preparation:

Sizing tests of the final product show >95% pass -105 um (-140 mesh). Five samples of the final product were submitted to 5 laboratories for round robin assaying by 30g/FA/AAS for Ag and 4-acid/ ICP/OES for Cu and Mo. The standard is packaged in 50 g envelopes, each envelope with a removable sticky-label.

Summarized Assay Results:

PROJECT: A106011X SILVER STANDARD g/T (ppm)

SILVER (ppm)

DATA POINTS (LAB DATA)	3
MEAN (LABS)	2.16
STANDARD DEVIATION (LABS)	0.44
CV (% RSD)	20.45
RANGE OF VALUES - HIGH	2.78
RANGE OF VALUES - LOW	1.80
95% CONFIDENCE LIMITS	1.28 to 3.04

COPPER (%)

DATA POINTS (LAB DATA)	5
MEAN (LABS)	0.291
STANDARD DEVIATION (LABS)	0.011
CV (% RSD)	3.890
RANGE OF VALUES - HIGH	0.306
RANGE OF VALUES - LOW	0.278
95% CONFIDENCE LIMITS	0.268 to 0.313

MOLYBDENUM (%)

DATA POINTS (LAB DATA)	4
MEAN (LABS)	0.019
STANDARD DEVIATION (LABS)	0.001
CV (% RSD)	5.048
RANGE OF VALUES - HIGH	0.020
RANGE OF VALUES - LOW	0.017
95% CONFIDENCE LIMITS	0.017 to 0.021

Statistical Procedures:

Acceptable assay limits for Ag, Cu, and Mo are based on the results of 5 samples shipped to each of 5 laboratories located in North America.

The samples were submitted in randomized order, so that as much as possible, real operating conditions were obtained from the participating laboratories. All of the data were used to determine an acceptable range, based on the mean and standard deviation of the "Lab Average Data". The acceptable reporting range is the "95% Confidence Limit", which is the mean +/- 2 standard deviations. Other statistics are provided to help the user assign viable acceptance boundaries.

Instructions and Recommendations for Use:

Submit the entire contents of one 50 g envelope at random locations in the submittal, approximately every 20-30 samples. Use of blanks (samples with "below detection" concentration of analyte) are also recommended, randomly placed every 30-40 samples. The analytical request should be the same as that used for the round robin assays that generated this certificate.

Participating Laboratories:

ALS Chemex (Reno, NV)

Eco-Tech (Kamloops, BC)

Acme Analytical Laboratories Ltd. (Vancouver, BC)

Assayers

SGS Canada Inc. (Toronto, ON)

Legal Notice:

This certificate and the referenced material have been prepared with due care and attention. However, Minerals Exploration & Environmental Geochemistry (MEG Labs), and Shea Clark Smith, MSc, P.G., accept no liability for any decisions or actions taken following the use of this geochemical reference material.

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.

Certified By: Shea Clark Smith, MSc., P.G.