

Certificate of Analysis

MEG, LLC

Moment Exploration GeoServices

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MEG-GB3.11.23

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Manufactured for: MEG LABS, Inc.
Date of Certification: 8/30/2011

NICKEL (ppm)

SAMPLES AVG = 2.64 MAX = 2.77
LABS AVG = 2.64 MIN = 2.56
MEAN + 10% = 2.90 STDEV = 0.07
MEAN - 10% = 2.37 %RSD = 2.72
95% Confidence = 2.49 to 2.78

ZINC (ppm)

SAMPLES AVG = 4.63 MAX = 5.24
LABS AVG = 4.63 MIN = 4.22
MEAN + 10% = 5.10 STDEV = 0.30
MEAN - 10% = 4.17 %RSD = 6.44
95% Confidence = 4.04 to 5.23

VANADIUM (ppm)

SAMPLES AVG = 5128 MAX = 5841
LABS AVG = 5172 MIN = 4815
MEAN + 10% = 5689 STDEV = 353
MEAN - 10% = 4655 %RSD = 6.8
95% Confidence = 291 to 349

COBALT (ppm)

SAMPLES AVG = 2177 MAX = 2586
LABS AVG = 2177 MIN = 1778
MEAN + 10% = 2395 STDEV = 287
MEAN - 10% = 1959 %RSD = 13.2
95% Confidence = 1603 to 2751

Statistical Procedures:

Acceptable assay limits are based on the results of 10 samples shipped to each of 10 laboratories.
Some labs assayed submitted samples twice, in different months, or different years.

The samples were submitted with other MEG standards 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 $\pm$ 2 standard deviations. Other statistics are provided to help the user assign viable acceptance boundaries.

Standards with an RSD (Relative Standard Deviation) of near or less than 5% are termed "Certified", while RSD's 5% to 15% are designated "Provisional". RSD's over 15% are "Informational".

Instructions and Recommendations for Use:

Submit the entire contents of one 50 g envelope in random locations in the submittal, approximately every 10-20 samples. Use of blanks (samples with "below detection" concentration of analyte) are also recommended, randomly placed every 30-40 samples.

Intended Use:

The standard material can be used to validate the analysis of samples from gold ores with a similar grade. As a control sample in routine assay laboratory operations, it should behave within the limits as indicated statistically in this certification. Its intended use is to monitor inter-laboratory and instrumental bias within these limits.

The recommended concentrations and limits for this material are based on multiple assays from several laboratories and reflect a consensus of the inherent chemical concentration. These values are a first attempt at a chemical characterization to which to which later data may be added as experience with the material increases. later data may be added as experience with the material increases.

Slight variations in analytical procedures between laboratories will result in slight biases to the recommended statistical limits.

This standard material is not recommended for method development, nor instrumental calibration.

Handling Instructions:

The material is packaged in manila tin-top envelopes for easy open and close use. The material should be reblended just prior to use in the assay laboratory. This can be done with a micro-riffle splitter or rubber sheeting.

Simple agitation and shaking is not sufficient to rehomogenize prior to use.

Normal safety precautions for handling powders are recommended. The use of safety glasses, dust inhalation protection, gloves, and a laboratory coat are suggested.

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.

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.