

Certificate of Analysis

MEG, LLC

Moment Exploration Geoservices

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MEG-Au.11.13

Certified Reference Material

MEAN = 1.806 ppm Au

95% Confidence = 1.628 - 1.985

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

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

Manufactured for: MEG LABS, Inc.

Date of Certification: Saturday, September 3, 2011

Origin of Reference Material:

Certified Reference Material

Oxide ore material from Freedom Flats, Nevada.

This material is not intended to be matrix-matched to any specific ore lithology.

Method of Preparation:

123 Kg of mixed Nevada ore was jaw crushed and roll crushed.

The batch was comminuted to powder in a ceramic ball mill for 168 hours.

Sizing tests of the final product show greater than 95% pass -177 um (-80 mesh).

The standard was packaged in 50 g envelopes, each envelope with a removable sticky-label.

Method of Analysis:

Using the ICPMS capabilities of just one laboratory, homogeneity tests were done to estimate multielement distributions from a 4-acid digestion (0.5 gram) from each of 5 samples.

Then, five samples each to nine laboratories were fire assayed on 30 gram subsamples, and these data were used to certify the material for gold concentration. New fire assay crucibles were used.

Summarized Assay Results:

PROJECT: MEG-Au.11.13 reported in ppm (parts per million)

GOLD	PPM
DATA POINTS (ALL DATA)	50
MEAN (ALL DATA)	1.806
STANDARD DEVIATION (ALL DATA)	0.089
% RSD	4.9
RANGE OF VALUES - HIGH	1.984
RANGE OF VALUES - LOW	1.613
95% CONFIDENCE LIMITS	1.628 to 1.985

DATA POINTS (LAB DATA)	10
MEAN (LABS)	1.806
STANDARD DEVIATION (LABS)	0.081
% RSD	4.8
RANGE OF VALUES - HIGH	1.932
RANGE OF VALUES - LOW	1.669
95% CONFIDENCE LIMITS	1.644 to 1.969

Statistical Procedures:

Acceptable assay limits are based on the results of 5 samples shipped to each of 9 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 +/- 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 between 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.

The analytical request should be the same as that used for the round robin assays that generated this certificate.

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.

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.

Assay Data Used to Calculate "True" Gold Value:

Sample	Lab 1 ppm Au	Lab 2 ppm Au	Lab 3 ppm Au	Lab 4 ppm Au	Lab 5 ppm Au	Lab 6 ppm Au	Lab 7 ppm Au	Lab 8 ppm Au	Lab 9 ppm Au	Lab 10 ppm Au
1	1941	1810	1984	1740	1740	1647	1886	1760	1842	1890
2	1907	1770	1898	1800	1820	1767	1698	1719	1858	1840
3	1878	1710	1958	1790	1775	1663	1661	1805	1927	1820
4	1855	1730	1924	1775	1735	1657	1805	1764	1912	1820
5	1888	1770	1896	1775	1795	1613	1851	1674	1903	1870

Participating Laboratories:

- American Assay
- Acme Assay Labs, Vancouver
- Activation Labs, Ancaster
- ALS, Reno
- ALS, Vancouver
- Florin, Sparks
- Inspectorate, Sparks
- Inspectorate, Vancouver
- Labtium, Finland
- Skyline, Tucson



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