Shea Clark Smith / MEG, Inc., P.O. Box 18325, Reno, Nevada, USA 89511
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MEG 2020 BLANK STANDARDS (updated: 03-FEB-20)

AVAILABLE in 50 gram Kraft Envelopes with removable sticky label
Sold with Certificates of Assay for Gold (based on 5 laboratories, 25 samples)
Cost: Quartz Sand = $6.75 per envelope Prep Blank = $5.20 per 1 Kg Bag
GOLD CONCENTRATIONS IN PPM (g/T) Other Data: Average of 5 samples

MEG-SiBLANK.17.11

SAMPLES AVG = <0.003 **MAX = <0.003**
LABS AVG = <0.003 **MIN = < 0.003**
MEAN + 10% = <0.003 **STDEV = 0.00**
MEAN - 10% = < 0.003

95% Confidence = <0.003 ppm Au

	Ag	As	Ba	Ca	Cu	Fe	Mo	Ni	Pb	S	Zn
	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm
	<0.01	0.3	30	0.01	1	0.1	0.05	0.5	0.6	<0.01	<2

Source = Quartz Sand

MEG-SiBLANK.17.12

SAMPLES AVG = <0.003 **MAX = <0.003**
LABS AVG = <0.003 **MIN = < 0.003**
MEAN + 10% = <0.003 **STDEV = 0.00**
MEAN - 10% = < 0.003

95% Confidence = <0.003 ppm Au

	Ag	As	Ba	Ca	Cu	Fe	Mo	Ni	Pb	S	Zn
	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm
	0.01	0.1	30	0.01	1	0.1	0.05	0.4	0.6	<0.01	<2

Source = Quartz Sand

MEG-CaBLANK.17.13

SAMPLES AVG = <0.003 **MAX = <0.003**
LABS AVG = <0.003 **MIN = < 0.003**
MEAN + 10% = <0.003 **STDEV = 0.00**
MEAN - 10% = < 0.003

95% Confidence = <0.003 ppm Au

	Ag	As	Ba	Ca	Cu	Fe	Mo	Ni	Pb	S	Zn
	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm
	0.14	5	395	5	11	0.7	5	10	30	0.12	55

Source = Concrete Block

MEG-SiPrepBlank.20.99

SAMPLES AVG = <0.003 **MAX = <0.003**
LABS AVG = <0.003 **MIN = < 0.003**
MEAN + 10% = <0.003 **STDEV = 0.00**
MEAN - 10% = < 0.003

95% Confidence = <0.003 ppm Au

	Ag	As	Ba	Ca	Cu	Fe	Mo	Ni	Pb	S	Zn
	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm
	<0.1	6	400	0.5	<150	0.5	<15	<1	26	0.03	32

Source = Dayton Quarry Rock

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Preparation Methods

Mineralized source rock is dried, crushed, blended, and reduced to powder using either (or both) ring & puck pulverizers and ceramic ball mill.
Prior to 2018, product from the mill was sieved through an 80 mesh (177um) screen. The -80 mesh product is tested for particle size distribution,
with an acceptable criterion of 95% pass 200 mesh. After 2018, product from the mill is sieved through a 200 mesh (974 um) sieve with 100% passing 200 mesh.
If the product is known to contain metal sulfides, futher blending is done with
a rotary splitter to assure homogenous particle distribution. The product is immediately packaged into tintop envelopes of 50 grams to
reduce and isolate gravity separation and redistribution that may occur in bulk packaging. To each envelope is attached a removable
sticky label for the accuracy of assay submittal records.

Statistical Methods

Numerical parameters are determined and presented for each standard. The mean of all samples is stated as "Samples Avg".
"Samples Avg" disregards between-lab bias and includes a measure of variance for the entire population comprised of individual samples.
The mean of all labs is stated as "Labs Avg", which incorporates a measure of laboratory bias, yet reduces the affects of within-lab variance.
The best estimate of the True Mean is considered to be the "Labs Avg", and from this mean are calculated Standard Deviation, Min, Max,
%Relative Standard Deviation, and the 95%Confidence Limits of +/- 2 standard deviations.

5%RSD = Excellent for measurements of accuracy with high degree of certainty.
5%RSD - 10%RSD = Good for measurements of accuracy with moderate degree of certainty.
10%RSD - 15%RSD = Provisional for measurements of accuracy with low degree of certainty.

Users are encouraged to refine these initial statistical parameters by adding their own data .

Liability Statement

MEG Standards are intended for use as QAQC monitors for analytical submittals, and not for use in the calibration of instrumental methods.
These geochemical reference materials and the statistics that charaterize them have been prepared with professional care and attention
to detail. Shea Clark Smith / MEG, Inc. and Shea Clark Smith, MSc. accept no liability for any decisions or actions that
have been taken following the use of these reference materials. Liability is limited to only the cost of the reference material.