

Shea Clark Smith / MEG Labs, P.O. Box 18325, Reno, Nevada, USA 89511
 Tel: 775-849-2235 Email: SheaClarkSmith@gmail.com

MEG 2012 GOLD STANDARDS (updated: 10-APR-12)

AVAILABLE in 50 gram Kraft Envelopes with removable sticky label

Sold with Certificates of Assay for Gold, or Gold & Silver (based on 5-10 laboratories, 25-70 samples)

Cost: \$6.00 per envelope - Au only, \$6.50 for Au + Ag

GOLD CONCENTRATIONS IN PPM (g/T)

Other Data: Average of 5 samples

MEG-Au.10.01 (0.02 ppm Au) n = 55
 SAMPLES AVG = 0.022 MAX = 0.025
 LABS AVG = **0.022** MIN = 0.017
 MEAN + SD = 0.025 STDEV = 0.003
 MEAN - SD = 0.019 %RSD = 12.8

95% Confidence = **0.016 - 0.027**

Ag	As	Cu	Fe	Mn	Pb	Sb	Sr	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
0.1	12	18	1	200	10	2	420	27

Source = typical valley pediment

MEG-Au.10.02 (0.04 ppm Au) n = 55
 SAMPLES AVG = 0.035 MAX = 0.042
 LABS AVG = **0.036** MIN = 0.030
 MEAN + SD = 0.040 STDEV = 0.004
 MEAN - SD = 0.032 %RSD = 11.8

95% Confidence = **0.027 - 0.044**

Ag	As	Cu	Fe	Mn	Pb	Sb	Sr	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
0.1	17	12	1	140	10	2	415	25

Source = typical valley pediment

MEG-Au.10.03 (0.06 ppm Au) n = 56
 SAMPLES AVG = 0.056 MAX = 0.068
 LABS AVG = **0.056** MIN = 0.049
 MEAN + SD = 0.062 STDEV = 0.006
 MEAN - SD = 0.050 %RSD = 10.9

95% Confidence = **0.044 - 0.068**

Ag	As	Cu	Fe	Mn	Pb	Sb	Sr	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
0.2	27	20	1	150	15	5	420	27

Source = typical valley pediment

MEG-Au.10.04 (0.07 ppm Au) n = 57
 SAMPLES AVG = 0.078 MAX = 0.089
 LABS AVG = **0.079** MIN = 0.069
 MEAN + SD = 0.085 STDEV = 0.006
 MEAN - SD = 0.073 %RSD = 8.1

95% Confidence = **0.066 - 0.092**

Ag	As	Cu	Fe	Mn	Pb	Sb	Sr	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
0.2	40	21	1	150	15	5	370	23

Source = typical valley pediment

MEG-Au.11.19 (0.11 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
1.6								

Source = Mixed Midas NV ores+overburden

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MEG-Au.12.21 (0.15 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm

Source = Rhyolite tuff (9 ppb Au)

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GOLD CONCENTRATIONS IN PPM (g/T)

Other Data: Average of 5 samples

MEG-Au.10.05 (0.21 ppm Au) n = 57
 SAMPLES AVG = 0.212 MAX = 0.240
 LABS AVG = **0.214** MIN = 0.197
 MEAN + SD = 0.229 STDEV = 0.015
 MEAN - SD = 0.199 %RSD = 7.2

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
0.4	92	17	0.7	80	15	10	250	10

Source = typical valley pediment

95% Confidence = **0.183 - 0.245**

MEG-Au.12.23 (0.27 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm

Source = 0.009 ppm Au rhyolite tuff

95% Confidence =

MEG-S108004X (0.54 ppm Au) n = 45
 SAMPLES AVG = 0.544 MAX = 0.695
 LABS AVG = 0.544 MIN = 0.451
 MEAN + SD = 0.616 STDEV = 0.072
 MEAN - SD = 0.472 %RSD = 13.2%

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		215						

Source = Typical AZ porphyry

ALSO CERTIFIED FOR COPPER

95% Confidence = **0.401 - 0.688**

MEG-Au.12.20 (0.54 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn

Source = West Pequop, Long Valley, NV

95% Confidence =

MEG-Au.12.32 (0.65 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn

Source = West Pequop, Long Valley, NV

95% Confidence =

MEG-Au.12.25 (0.71 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
15								

Source = Borealis Mine, NV

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95% Confidence =

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GOLD CONCENTRATIONS IN PPM (g/T)

Other Data: Average of 5 samples

MEG-Au.12.13 (1.0 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
30								

Source = 0.4 ppm Au, Rosebud Mine, NV

ALSO CERTIFIED FOR SILVER

MEG-S107005X (1.3 ppm Au) n = 25

SAMPLES AVG =1.347 MAX = 1.44
 LABS AVG = **1.343** MIN = 1.21
 MEAN + SD = 1.428 STDEV = 0.085
 MEAN - SD = 1.258 %RSD = 6.36

95% Confidence = **1.17 - 1.51**

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
9	1420	73	3.6	132	64	1.9	352	38

Source = 0.5 ppm Au in oxidized host

MEG-S107007X (1.5 ppm Au) n = 25

SAMPLES AVG = 1.526 MAX = 1.60
 LABS AVG = **1.526** MIN = 1.41
 MEAN + SD = 1.594 STDEV = 0.068
 MEAN - SD = 1.458 %RSD = 4.48

95% Confidence = **1.39 - 1.66**

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
7.4	1470	73	2.95	51	60	2.4	347	12

Source = 0.5 ppm Au in oxidized host

MEG-Au.12.11 (1.5 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm

Source = Typical pediment gravels

MEG-Au.11.13 (1.8 ppm Au) n = 50

SAMPLES AVG = 1.806 MAX = 1.932
 LABS AVG = 1.806 MIN = 1.669
 MEAN + SD = 1.887 STDEV = 0.081
 MEAN - SD = 1.725 %RSD = 4.5%

95% Confidence = 1.644 - 1.969

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
9.6	2450	130	7.9	16	83	2.3	485	11

Source = 0.45 ppm Au ore, Freedom Flats, NV

MEG-Au.11.34 (2.1 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm

Source = 0.15 ppm Au in oxidized host

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Other Data: Average of 5 samples

MEG-LWA-34 (2.5 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag As Cu Fe Mo Pb S Sb Zn
 ppm ppm ppm % ppm ppm % ppm ppm

Source = 2.5 ppm Au, Lone Pine Mine, WA

MEG-Au.11.17 (2.7 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag As Cu Fe Mo Pb S Sb Zn
 ppm ppm ppm % ppm ppm % ppm ppm

Source = Mixed ores from Eastern NV

MEG-Au.12.27 (2.9 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag As Cu Fe Mo Pb S Sb Zn
 ppm ppm ppm % ppm ppm % ppm ppm
 40

Source = 0.4 ppm oxidized host ore

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MEG-S107006X (2.9 ppm Au) n = 25

SAMPLES AVG = 2.905 MAX = 3.181
 LABS AVG = **2.850** MIN = 2.172
 MEAN + SD = 3.214 STDEV = 0.364
 MEAN - SD = 2.486 %RSD = 12.76

95% Confidence = 2.12 - 3.58

Ag As Cu Fe Mo Pb S Sb Zn
 ppm ppm ppm % ppm ppm % ppm ppm
 8 1490 72 3.3 29 61 2.5 351 15

Source = 0.5 ppm Au in oxidized host

MEG-Au.11.15 (3.4 ppm Au) PENDING

SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Ag As Cu Fe Mo Pb S Sb Zn
 ppm ppm ppm % ppm ppm % ppm ppm
 50

Source = 0.6 ppm Au, Rosebud Mine, NV

ALSO CERTIFIED FOR SILVER

MEG-S105004X (3.8 ppm Au) n = 25

SAMPLES AVG = 3.752 MAX = 4.056
 LABS AVG = **3.752** MIN = 3.290
 MEAN + SD = 3.952 STDEV = 0.200
 MEAN - SD = 3.552 %RSD = 5.329

95% Confidence = 3.35 - 4.15

Ag As Cu Fe Mo Pb S Sb Zn
 ppm ppm ppm % ppm ppm % ppm ppm
 0.3 6000 24 4.0 23 33 1.7 37 99

Source = 0.83 ppm Au in oxidized host

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MEG-S105006X (4.5 ppm Au) n = 25
 SAMPLES AVG = 4.516 MAX = 4.920
 LABS AVG = **4.516** MIN = 3.960
 MEAN + SD = 4.615 STDEV = 0.099
 MEAN - SD = 4.417 %RSD = 2.186

95% Confidence = **4.32 - 4.71**

MEG-S107009X (4.7 ppm Au) n = 25
 SAMPLES AVG = 4.734 MAX = 4.99
 LABS AVG = **4.734** MIN = 4.47
 MEAN + SD = 4.928 STDEV = 0.194
 MEAN - SD = 4.540 %RSD = 4.11

95% Confidence = **4.35 - 5.12**

MEG-Au.09.08 (5.4 ppm Au) n = 62
 SAMPLES AVG = 5.463 MAX = 6.034
 LABS AVG = **5.433** MIN = 4.971
 MEAN + SD = 5.621 STDEV = 0.188
 MEAN - SD = 5.245 %RSD = 3.461

95% Confidence = **5.06 - 5.8**

MEG-S107010X (6.4 ppm Au) n = 25
 SAMPLES AVG = 6.405 MAX = 6.876
 LABS AVG = **6.405** MIN = 5.962
 MEAN + SD = 6.707 STDEV = 0.302
 MEAN - SD = 6.103 %RSD = 4.71

95% Confidence = **5.80 - 7.00**

MEG-LWA-25 (6.5 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

MEG-Au.11.16 (7.6 ppm Au) PENDING
 SAMPLES AVG = MAX =
 LABS AVG = MIN =
 MEAN + SD = STDEV =
 MEAN - SD = %RSD =

95% Confidence =

Other Data: Average of 5 samples

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
4	2970	16	1.6	9	75	1.2	1	190

Source = 0.57 ppm Au in oxidized host

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
7.4	1470	73	2.95	51	60	2.4	347	12

Source = 0.5 ppm Au in oxidized host

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
11.6	4420	190	18	21	91	0.98	1030	21

Source = 5.4 ppm Au, Borealis Mine, NV

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
18	5530	200	19	29	102	0.88	1370	40

Source = 6 ppm Au in oxide-sulfide host

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm

Source = 6.5 ppm Au, Lone Pine Mine, WA

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
25								

Source = 7.1 ppm Au ore, Freedom Flats, NV

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GOLD CONCENTRATIONS IN PPM (g/T)

MEG-Au.09.05 (8.2 ppm Au) n = 60
 SAMPLES AVG = 8.175 MAX = 8.948
 LABS AVG = **8.179** MIN = 6.360
 MEAN + SD = 8.596 STDEV = 0.417
 MEAN - SD = 7.762 %RSD = 5.10

95% Confidence = **7.35 - 9.01**

MEG-S107011X (9.3 ppm Au) n = 25
 SAMPLES AVG = 9.284 MAX = 10.020
 LABS AVG = **9.262** MIN = 8.768
 MEAN + SD = 9.696 STDEV = 0.434
 MEAN - SD = 8.828 %RSD = 4.689

95% Confidence = **8.39 - 10.13**

MEG-Au.09.07 (10.1 ppm Au) n = 65
 SAMPLES AVG = 10.188 MAX = 11.108
 LABS AVG = **10.132** MIN = 9.060
 MEAN + SD = 10.487 STDEV = 0.355
 MEAN - SD = 9.777 %RSD = 3.502

95% Confidence = **9.4 - 10.8**

MEG-Au.09.06 (11.2 ppm Au) n = 61
 SAMPLES AVG = 11.280 MAX = 12.300
 LABS AVG = **11.229** MIN = 9.880
 MEAN + SD = 11.688 STDEV = 0.459
 MEAN - SD = 10.770 %RSD = 4.085

95% Confidence = **10.3 - 12.1**

MEG-S107012X (16.5 ppm Au) n = 25
 SAMPLES AVG = 16.503 MAX = 17.236
 LABS AVG = **16.482** MIN = 15.648
 MEAN + SD = 17.108 STDEV = 0.626
 MEAN - SD = 15.856 %RSD = 3.798

95% Confidence = **15.2 - 17.7**

MEG-S107013X (27.0 ppm Au) n = 25
 SAMPLES AVG = 26.987 MAX = 27.740
 LABS AVG = **26.943** MIN = 25.760
 MEAN + SD = 27.642 STDEV = 0.699
 MEAN - SD = 26.244 %RSD = 2.593

95% Confidence = **25.5 - 28.3**

Other Data: Average of 5 samples

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
12.6	5110	200	20	24	143	1.05	1420	41

Source = 5.4 ppm Au, Borealis Mine, NV

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
18	5530	200	19	29	102	0.88	1370	40

Source = 6 ppm Au in oxide-sulfide host

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
10.8	4190	170	16	20	90	1.04	1050	23

Source = 5.4 ppm Au, Borealis Mine, NV

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
10.9	5820	400	24	25	125	0.54	820	25

Source = 5.4 ppm Au, Borealis Mine, NV

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
18	5530	200	19	29	102	0.88	1370	40

Source = 6 ppm Au in oxide-sulfide host

Ag	As	Cu	Fe	Mo	Pb	S	Sb	Zn
ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
18	5530	200	19	29	102	0.88	1370	40

Source = 6 ppm Au in oxide-sulfide host