

Shea Clark Smith / MEG Labs, P.O. Box 18325, Reno, Nevada, USA 89511
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MEG Au-Ag Standards (updated: 29-OCT-09)

AVAILABLE in 50 gram Kraft Envelopes

Sold with Certificates of Assay for Au-Ag (n = 50 assays, 10 Different Laboratories)

Cost: \$5.70 per envelope

MEG JOB#: MEG-Au.09.02 Quantity = 2000 envelopes

GOLD (ppm) n= 48 assays	
SAMPLES AVG =0.185	MAX = 0.213
LABS AVG = 0.184	MIN = 0.154
MEAN + SD = 0.203	STDEV = 0.019
MEAN - SD = 0.165	%RSD = 10.24
95% Confidence = 0.146 - 0.222	

Characterization Elements (not certified):

Al	As	Ba	Cr	Cu	Fe	K	Mn	P	Pb	S	Sb	Sr	Zn
%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
6.1	13	70	2.8	4	0.47	3.2	500	52	30	0.07	<5	17.2	35

Source Rock = Barren Rhyolite Tuff

SILVER (ppm) n= 25 assays	
SAMPLES AVG =0.164	MAX = 1.040
LABS AVG = 0.187	MIN = < 0.100
MEAN + SD = 0.507	STDEV = 0.320
MEAN - SD = < 0.133	%RSD = 171.2
95% Confidence = < 0.45 - 0.83	

MEG JOB#: MEG-Au.09.01 Quantity = 2000 envelopes

GOLD (ppm) n= 52 assays	
SAMPLES AVG =0.684	MAX = 0.778
LABS AVG = 0.687	MIN = 0.547
MEAN + SD = 0.760	STDEV = 0.016
MEAN - SD = 0.614	%RSD = 10.59
95% Confidence = 0.541 - 0.832	

Characterization Elements (not certified):

Al	As	Ba	Cr	Cu	Fe	K	Mn	P	Pb	S	Sb	Sr	Zn
%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
0.76	8	140	3.9	83	0.2	0.11	29	30	11	0.03	<5	11.1	17

Source Rock = Barren Rhyolite Tuff

SILVER (ppm) n= 56 assays	
SAMPLES AVG = 9.498	MAX = 10.60
LABS AVG = 9.585	MIN = 7.24
MEAN + SD = 10.543	STDEV = .958
MEAN - SD = 8.627	%RSD = 10.0
95% Confidence = 7.669 - 11.502	

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MEG JOB#: MEG-Au.09.03 Quantity = 2000 envelopes

GOLD (ppm) n= 55 assays	
SAMPLES AVG = 2.093	MAX = 2.363
LABS AVG = 2.090	MIN = 1.766
MEAN + SD = 2.256	STDEV = 0.166
MEAN - SD = 1.924	%RSD = 7.93
95% Confidence = 1.759 - 2.422	

Characterization Elements (not certified):

Al	As	Ba	Cr	Cu	Fe	K	Mn	P	Pb	S	Sb	Sr	Zn
%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
6.9	79	410	63	7	3	3	131	624	19	2.6	17	128	86

Source Rock = Rosebud Mine (0.6 ppm Au sulfide)

SILVER (ppm) n= 58 assays	
SAMPLES AVG = 17.270	MAX = 19.128
LABS AVG = 17.218	MIN = 12.300
MEAN + SD = 19.040	STDEV = 1.822
MEAN - SD = 15.396	%RSD = 10.58
95% Confidence = 13.574 - 20.863	

MEG JOB#: MEG-Au.09.04 Quantity = 2000 envelopes

GOLD (ppm) n= 55 assays	
SAMPLES AVG = 3.372	MAX = 3.881
LABS AVG = 3.397	MIN = 3.168
MEAN + SD = 3.601	STDEV = 0.204
MEAN - SD = 3.193	%RSD = 6.00
95% Confidence = 2.990 - 3.805	

Characterization Elements (not certified):

Al	As	Ba	Cr	Cu	Fe	K	Mn	P	Pb	S	Sb	Sr	Zn
%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
7	74	465	65	7	3.1	3.16	130	624	20	2.6	17	130	91

Source Rock = Rosebud Mine (0.6 ppm Au sulfide)

SILVER (ppm) n= 54 assays	
SAMPLES AVG = 26.286	MAX = 32.912
LABS AVG = 26.267	MIN = 18.560
MEAN + SD = 29.566	STDEV = 3.299
MEAN - SD = 22.968	%RSD = 12.56
95% Confidence = 19.670 - 32.865	