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## MEG-CU-1: Cu-Pb-Zn-Ag STANDARD (updated: 25-MAR-12)

**AVAILABLE in 50 gram Kraft Envelopes**
**Sold with Certificates of Assay for Cu-Pb-Zn-Ag** (n = 16 to 31 assays, 3 to 5 Different Laboratories)
**Cost: $6.75 per envelope**

**COPPER (ppm)** 31 assays
SAMPLES AVG = 4831 MAX = 5440
LABS AVG = 4808 MIN = 4490
MEAN + SD = 5007 STDEV = 199
MEAN - SD = 4609 %RSD = 4.13
95% Confidence = 4410 - 5206

**LEAD (ppm)** 26 assays
SAMPLES AVG = 1019 MAX = 1100
LABS AVG = 1016 MIN = 922
MEAN + SD = 1065 STDEV = 49
MEAN - SD = 967 %RSD = 4.87
95% Confidence = 918 - 1095

**ZINC (%)** 16 assays
SAMPLES AVG = 2.53 MAX = 2.69
LABS AVG = 2.53 MIN = 2.40
MEAN + SD = 2.64 STDEV = 0.114
MEAN - SD = 2.42 %RSD = 4.52
95% Confidence = 2.302 - 2.758

**SILVER (ppm)** 20 assays
SAMPLES AVG = 25 MAX = 28
LABS AVG = 25 MIN =22
MEAN + SD = 29.7 STDEV = 1.33
MEAN - SD = 22.3 %RSD = 5.38
95% Confidence = 22.34 - 29.66

| Al | As | Ba | Ca | Cd | Fe | K | Mn | Mo | S | Sb | Se | U | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % | ppm | ppm | % | ppm | % | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| 4.4 | 6 | 340 | 2.9 | 34 | 10.6 | 0.9 | 876 | 11.5 | 1.76 | 2.5 | 27 | 6 | 18 |

Source Rock = FMD Deposit, Colorado Front Range

## MEG-CU-2: Cu-Pb-Zn-Ag STANDARD (updated: 25-MAR-12)

**AVAILABLE in 50 gram Kraft Envelopes**
**Sold with Certificates of Assay for Cu-Pb-Zn-Ag** (n = 16 to 31 assays, 3 to 5 Different Laboratories)
**Cost: $5.70 per envelope**

**COPPER (ppm)** 26 assays
SAMPLES AVG = 1899 MAX = 2070
LABS AVG = 1899 MIN = 1788
MEAN + SD = 1980 STDEV = 81
MEAN - SD = 1818 %RSD = 4.28
95% Confidence = 1737 - 2061

**LEAD (ppm)** 26 assays
SAMPLES AVG = 269 MAX = 295
LABS AVG = 269 MIN = 242
MEAN + SD = 284 STDEV = 14.5
MEAN - SD = 254 %RSD = 5.4
95% Confidence = 240 - 299

**ZINC (%)** 16 assays
SAMPLES AVG = 1.15 MAX = 1.24
LABS AVG = 1.15 MIN = 1.05
MEAN + SD = 1.21 STDEV = 0.062
MEAN - SD = 1.09 %RSD = 5.38
95% Confidence = 1.03 - 1.27

**SILVER (ppm)** 21 assays
SAMPLES AVG = 7.7 MAX = 13.4
LABS AVG = 7.7 MIN =6.00
MEAN + SD = 8.1 STDEV = 0.429
MEAN - SD = 7.3 %RSD = 5.59
95% Confidence = 6.83 - 8.54

| Al | As | Ba | Ca | Cd | Fe | K | Mn | Mo | S | Sb | Se | U | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % | ppm | ppm | % | ppm | % | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| 5.9 | 7 | 606 | 1.8 | 18 | 6.2 | 1.5 | 732 | 4.2 | 0.37 | 0.8 | 9 | 4 | 9 |

Source Rock = FMD Deposit, Colorado Front Range