U.S. Department of the Interior
U.S. Geological Survey

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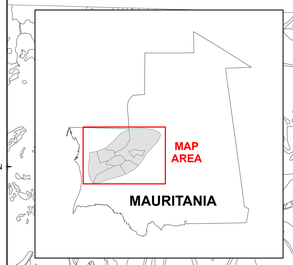
Geochemistry of Unconsolidated Materials in the Central Mauritanides — Copper

16°W 15°W 14°W 13°W 12°W 11°W

21°N 20°N 19°N 18°N



Cu	
Samples:	163
Minimum:	2.3000
Maximum:	94.8000
Mean:	25.7202
Geo.Mean:	20.8472
Median:	20.4000
Mode:	17.8000
Std.Dev.:	17.28
Std.Err.:	1.353
Skew:	1.406
Kurtosis:	1.927
Log:	
Mean:	1.319
Median:	1.31
Skew:	-0.2128

Explanation

- Central Mauritanides region sub-areas
- Geologic formation contact

Samples with no matching chemistry

- Sediment (32 samples)
- Soil (264 samples)

Unconsolidated samples - Copper

- No Cu analysis (125 samples)
- 2.3 - 5.3 ppm (<2.5th percentile)
- 5.7 - 7.1 ppm (2.5 - 5th percentile)
- 7.2 - 9.4 ppm (5 - 10th percentile)
- 9.7 - 13.4 ppm (10 - 25th percentile)
- 13.5 - 33.6 ppm (25 - 75th percentile)
- 33.9 - 49.9 ppm (75 - 90th percentile)
- 52.2 - 62.9 ppm (90 - 95th percentile)
- 65.5 - 70.4 ppm (95 - 97.5th percentile)
- 75.6 - 81.6 ppm (97.5 - 99th percentile)
- 94.8 ppm (>99th percentile)

Transverse Mercator projection, WGS 84 Datum
Scale factor 0.9996; Longitude of central meridian 11° W.; latitude of origin 0°

4½°
GRID NORTH
TRUE NORTH
APPROXIMATE MEAN DECLINATION, 2007

SCALE 1:500 000
10 0 10 20 30 40 MILES
10 0 10 20 30 40 50 KILOMETERS

This map was produced as part of the "Second Projet de Renforcement Institutionnel du Secteur Minier (PRISM II)" co-financed by the Government of Mauritania and the World Bank (Credit No. IDA-38100 MAU).