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

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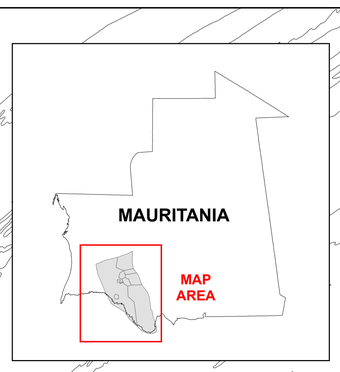
Geochemistry of Unconsolidated Materials in the Central Mauritanides — Gold, in Parts Per Million

15°W 14°W 13°W 12°W

18°N 17°N 16°N 15°N



Explanation

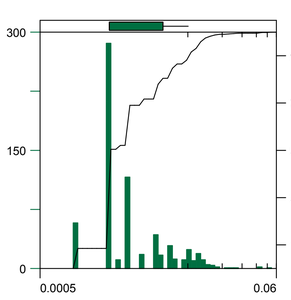
- Southern Mauritanides region sub-areas
- Geologic formation contact

Samples with no matching chemistry

- Sediment (2004 samples)
- Soil (4 samples)

Unconsolidated samples - Gold

- No Au analysis (1 sample)
- 0.010 - 0.050 ppm
- 0.051 ppm



Au

Samples:	3084
Minimum:	0.0005
Maximum:	0.0510
Mean:	0.0013
Geo.Mean:	0.0007
Median:	0.0005
Mode:	0.0005
Std.Dev.:	0.002661
Std.Err.:	0.00004791
Skew:	7.349
Kurtosis:	90.54
Log:	
Mean:	-2.508
Median:	-2.699
Skew:	0.8089

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

4½° MAGNETIC 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).