USGS science for a changing world

RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

PRISM

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

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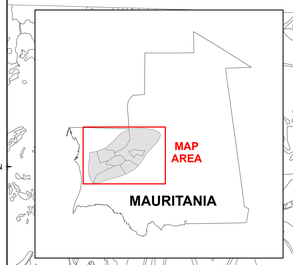
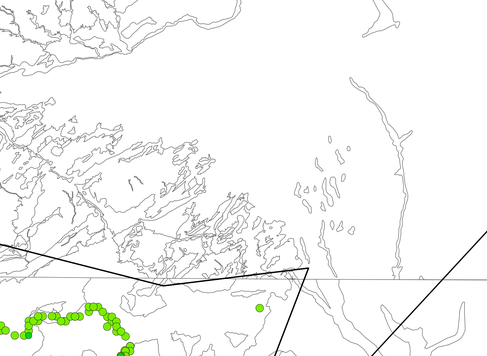
2012

Geochemistry of Rocks in the Central Mauritanides — Lanthanum

16°W 15°W 14°W 13°W 12°W 11°W

21°N 20°N 19°N 18°N





La	
Samples:	560
Minimum:	0.2500
Maximum:	500.0000
Mean:	40.0639
Geo.Mean:	15.3541
Median:	14.2000
Mode:	4.0000
Std.Dev.:	78.26
Std.Err.:	3.307
Skew:	4.022
Kurtosis:	17.97
Log:	
Mean:	1.186
Median:	1.152
Skew:	-0.02357

Explanation

Central Mauritanides region sub-areas

Geologic formation contact

Samples with no matching chemistry

Rock (180 samples)

Rock samples - Lanthanum

No La analysis (1,375 samples)

0.25 - 0.7 ppm (<2.5th percentile)

0.9 - 2.0 ppm (2.5 - 5th percentile)

2.1 - 3.5 ppm (5 - 10th percentile)

3.7 - 6.8 ppm (10 - 25th percentile)

6.9 - 32.0 ppm (25 - 75th percentile)

32.5 - 102.0 ppm (75 - 90th percentile)

103.0 - 170.5 ppm (90 - 95th percentile)

174.3 - 296.0 ppm (95 - 97.5th percentile)

317.0 - 500.0 ppm (97.5 - 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).