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

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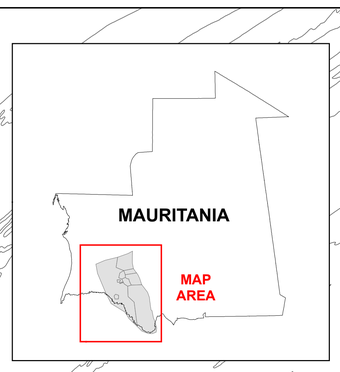
Geochemistry of Rocks in the Central Mauritanides — Strontium



15°W 14°W 13°W 12°W

18°N 17°N 16°N 15°N

Explanation

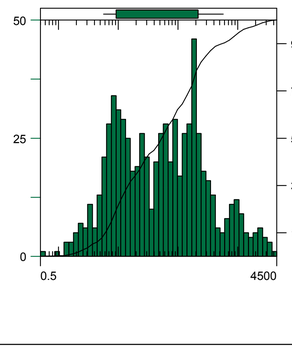
- Southern Mauritanides region sub-areas
- Geologic formation contact

Samples with no matching chemistry

- Rock (137 samples)
- Bleg (1,025 samples)

Bleg and rock samples - Strontium

- No Sr analysis (2,158 samples)
- 0.5 - 2.3 ppm (<2.5th percentile)
- 2.4 - 3.7 ppm (2.5 - 5th percentile)
- 4.0 - 6.0 ppm (5 - 10th percentile)
- 6.1 - 11.4 ppm (10 - 25th percentile)
- 11.5 - 190.0 ppm (25 - 75th percentile)
- 190.5 - 551.0 ppm (75 - 90th percentile)
- 553.0 - 1,070.0 ppm (90 - 95th percentile)
- 1,080.0 - 1,980.0 ppm (95 - 97.5th percentile)
- 2,010.0 - 2,650.0 ppm (97.5 - 99th percentile)
- 2,720.0 - 4,040.0 ppm (>99th percentile)



Sr

Samples:	710
Minimum:	0.5000
Maximum:	4040.0000
Mean:	218.5037
Geo.Mean:	51.5409
Median:	53.9500
Mode:	9.0000
Std.Dev.:	485.9
Std.Err.:	18.23
Skew:	4.184
Kurtosis:	20.31
Log:	
Mean:	1.712
Median:	1.732
Skew:	0.1702

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).