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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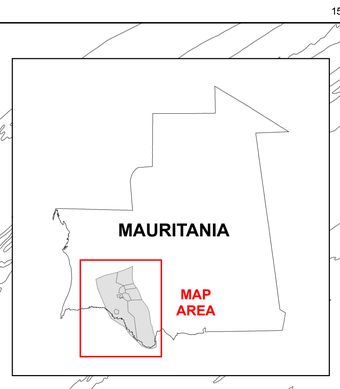
Geochemistry of Rocks in the Central Mauritanides — Molybdenum



15°W 14°W 13°W 12°W

18°N 17°N 16°N 15°N

Explanation

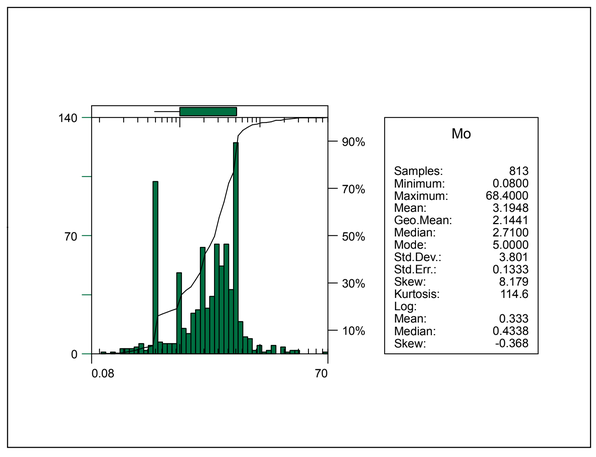
Rock samples - Molybdenum

Mo

- No Mo analysis (2,055 samples)
- 0.08 - 0.35 ppm (<2.5th percentile)
- 0.36 - 0.5 ppm (2.5 - 10th percentile)
- 0.52 - 1.04 ppm (10 - 25th percentile)
- 1.06 - 4.32 ppm (25 - 75th percentile)
- 4.33 - 5.0 ppm (75 - 90th percentile)
- 5.04 - 6.43 ppm (90 - 95th percentile)
- 6.55 - 9.89 ppm (95 - 97.5th percentile)
- 9.98 - 19.0 ppm (97.5 - 99th percentile)
- 19.85 - 68.4 ppm (>99th percentile)
- Southern Mauritanides region sub-areas

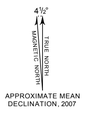
Samples with no matching chemistry

- Rock (137 samples)
- Bleg (1,025 samples)
- Geologic formation contact



Mo	
Samples:	813
Minimum:	0.0800
Maximum:	68.4000
Mean:	3.1948
Geo.Mean:	2.1441
Median:	2.7100
Mode:	5.0000
Std.Dev.:	3.801
Std.Err.:	0.1333
Skew:	8.179
Kurtosis:	114.6
Log:	
Mean:	0.333
Median:	0.4338
Skew:	-0.368

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



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).