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

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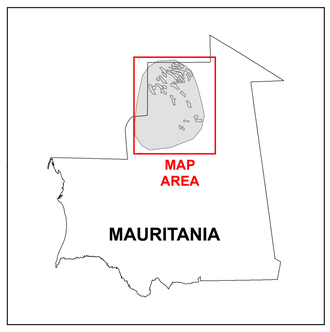
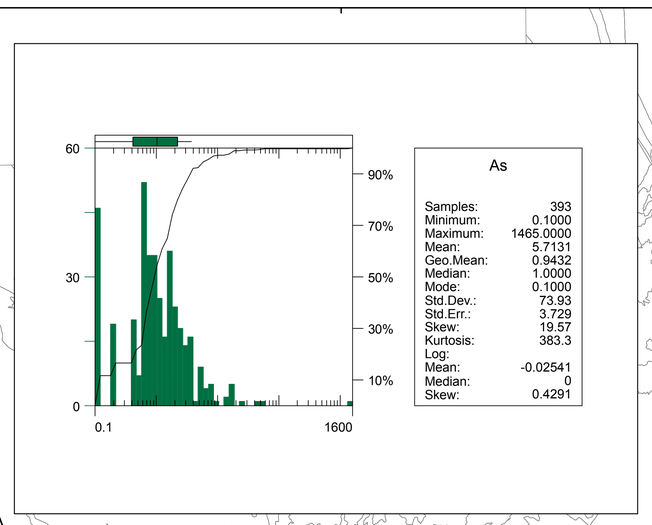
RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

Ministère du Pétrole, de l'Energie et des Mines

Geochemistry of Rocks in the Nord-west Area — Arsenic





As

Samples:	393
Minimum:	0.1000
Maximum:	1465.0000
Mean:	5.7131
Geo.Mean:	0.9432
Median:	1.0000
Mode:	0.1000
Std.Dev.:	73.93
Std.Err.:	3.729
Skew:	19.57
Kurtosis:	383.3
Log:	
Mean:	-0.02541
Median:	0
Skew:	0.4291

12°W 11°W 10°W 9°W

26°N 25°N 24°N 23°N 22°N

Explanation

Nord-west region sub-areas

Geologic formation contact

Samples with no matching chemistry

Rock (96 samples)

Rock samples - Arsenic

- No As analysis (126 samples)
- 0.1 ppm (<10th percentile)
- 0.2 - 0.6 ppm (10 - 25th percentile)
- 0.7 - 2.0 ppm (25 - 75th percentile)
- 2.1 - 3.6 ppm (75 - 90th percentile)
- 3.7 - 6.6 ppm (90 - 95th percentile)
- 6.7 - 15.0 ppm (95 - 97.5th percentile)
- 15.1 - 23.4 ppm (97.5 - 99th percentile)
- 23.5 - 1,465.0 ppm (>99th percentile)

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).