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

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2012

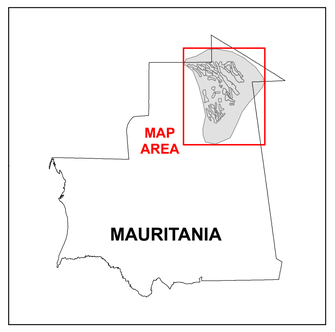
RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

Ministère du Pétrole, de l'Energie et des Mines

Geochemistry of Rocks in the Nord-East Area — Arsenic

10°W 9°W 8°W 7°W 6°W

26°N 25°N 24°N 23°N



Explanation

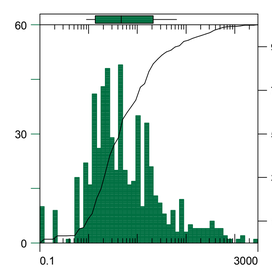
- Nord-east region sub-areas
- Geologic formation contact

Samples with no matching chemistry

- Rock (201 samples)

Rock samples - Arsenic

- No As analysis (34 samples)
- <0.02 ppm (<2.5th percentile)
- 0.4 - 0.6 ppm (2.5 - 5th percentile)
- 0.702 - 0.841 ppm (5 - 10th percentile)
- 0.87 - 1.8 ppm (10 - 25th percentile)
- 1.829 - 15 ppm (25 - 75th percentile)
- 16 - 64 ppm (75 - 90th percentile)
- 65 - 203 ppm (90 - 95th percentile)
- 212 - 395 ppm (95 - 97.5th percentile)
- 398 - 656 ppm (97.5 - 99th percentile)
- 710 - 2580 ppm (>99th percentile)



As	
Samples:	594
Minimum:	0.1000
Maximum:	2580.0000
Mean:	40.7199
Geo.Mean:	5.5927
Median:	4.8000
Mode:	5.0000
Std.Dev.:	166.4
Std.Err.:	6.829
Skew:	9.352
Kurtosis:	113
Log:	
Mean:	0.7476
Median:	0.6812
Skew:	0.6568

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

4½° TRUE NORTH GRAPHIC STADIA
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).