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

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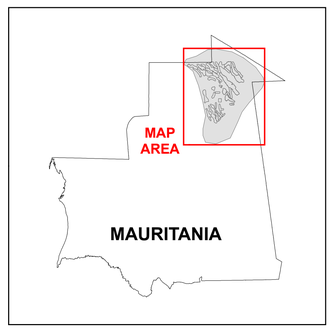
Geochemistry of Rocks in the Nord-East Area — Bismuth

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 - Bismuth

No Bi analysis (178 samples)

0.01 ppm (<5th percentile)

0.02 ppm (5 - 10th percentile)

0.03 - 0.05 ppm (10 - 25th percentile)

0.06 - 0.24 ppm (25 - 75th percentile)

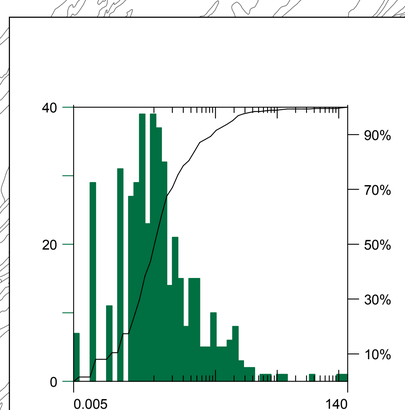
0.25 - 0.99 ppm (75 - 90th percentile)

1.00 - 1.88 ppm (90 - 95th percentile)

1.89 - 2.60 ppm (95 - 97.5th percentile)

2.61 - 10.00 ppm (97.5 - 99th percentile)

10.01 - 125.50 ppm (>99th percentile)



Bi	
Samples:	450
Minimum:	0.0050
Maximum:	125.5000
Mean:	0.9675
Geo.Mean:	0.1171
Median:	0.1000
Mode:	0.0300
Std.Dev.:	8.011
Std.Err.:	0.3777
Skew:	13.74
Kurtosis:	196
Log:	
Mean:	-0.9315
Median:	-1
Skew:	0.828

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

4½° TRUE NORTH / GRID 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).