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

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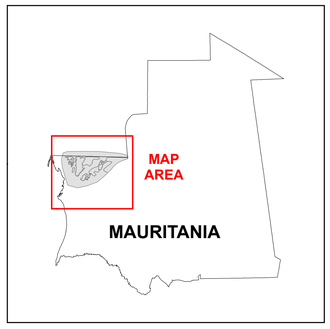
RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

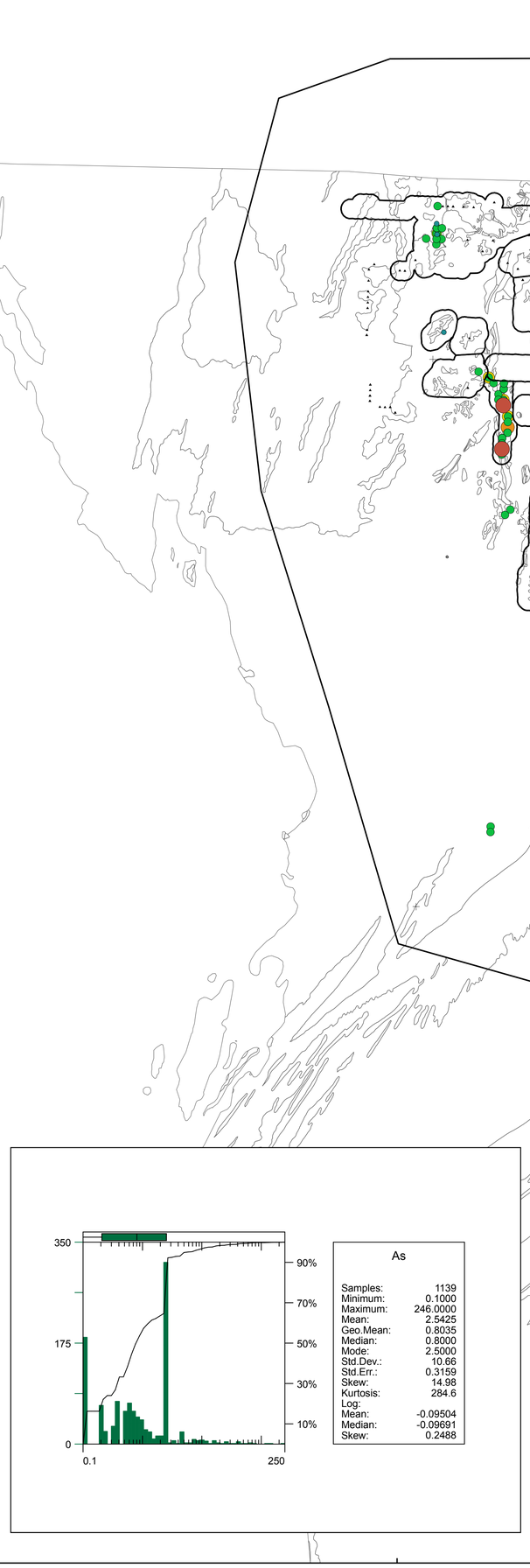
Ministère du Pétrole, de l'Energie et des Mines

Geochemistry of Rocks in the Tasiast-Tijirit Area — Arsenic



16°W 15°W 14°W 13°W

22°N 21°N 20°N 19°N



As	
Samples:	1139
Minimum:	0.1000
Maximum:	246.0000
Mean:	2.5425
Geo.Mean:	0.8035
Median:	0.8000
Mode:	2.5000
Std.Dev.:	10.66
Std.Err.:	0.3159
Skew:	14.98
Kurtosis:	284.6
Log:	
Mean:	-0.09504
Median:	-0.09691
Skew:	0.2488

Explanation

Tasiast-Tijirit region sub-areas

Geologic formation contact

Samples with no matching chemistry

Rock (885 samples)

Rock samples - Arsenic

No As analysis (97 samples)

0.1 ppm (<10th percentile)

0.2 - 0.3 ppm (10 - 25th percentile)

0.4 - 2.5 ppm (25- 75th percentile)

2.6 - 5.5 ppm (75 - 95th percentile)

5.6 - 11.0 ppm (95 - 97.5th percentile)

11.1 - 39.0 ppm (97.5 - 99th percentile)

39.1 - 246.0 ppm (>99th percentile)

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

4½° TRUE NORTH MAGNETIC 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).