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

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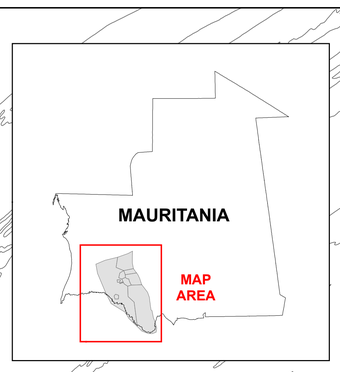
RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

PRISM

Geochemistry of Unconsolidated Materials in the Central Mauritanides — Nickel

15°W 14°W 13°W 12°W

18°N 17°N 16°N 15°N



Explanation

Southern Mauritanides region sub-areas

Geologic formation contact

Samples with no matching chemistry

Soil (4 samples)

Sediment (2,004 samples)

Unconsolidated samples - Nickel

No Ni analysis (79 samples)

1.0 - 3.0 ppm (<2.5th percentile)

4.0 ppm (2.5 - 5th percentile)

5.0 ppm (5 - 10th percentile)

6.0 ppm (10 - 25th percentile)

7.0 - 13.0 ppm (25 - 75th percentile)

13.1 - 22.0 ppm (75 - 90th percentile)

23.0 - 34.0 ppm (90 - 95th percentile)

35.0 - 54.0 ppm (95 - 97.5th percentile)

55.0 - 91.0 ppm (97.5 - 99th percentile)

93.0 - 650.0 ppm (>99th percentile)

Contour map - Nickel

1.0 - 3.0 ppm (<2.5th percentile)

3.1 - 4.0 ppm (2.5 - 5th percentile)

4.1 - 5.0 ppm (5 - 10th percentile)

5.1 - 6.0 ppm (10 - 25th percentile)

6.1 - 13.0 ppm (25 - 75th percentile)

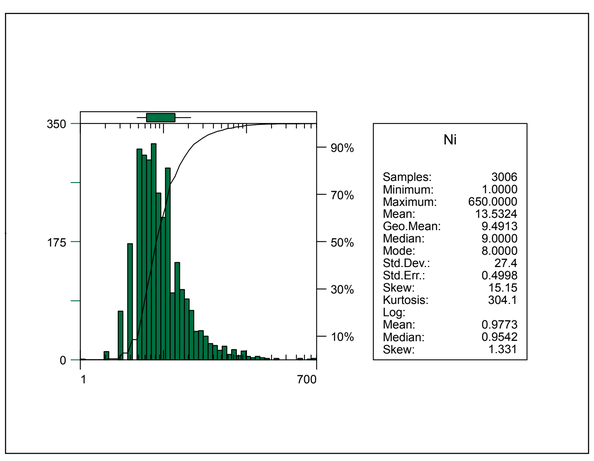
13.1 - 22.0 ppm (75 - 90th percentile)

22.1 - 34.0 ppm (90 - 95th percentile)

34.1 - 54.0 ppm (95 - 97.5th percentile)

54.1 - 91.0 ppm (97.5 - 99th percentile)

91.1 - 650.0 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).