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U.S. Department of the Interior
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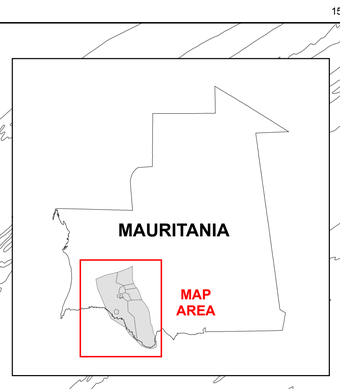
RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

PRISM

Geochemistry of Unconsolidated Materials in the Central Mauritanides — Chromium



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 - Chromium

No Cr analysis (79 samples)

3 - 8 ppm (<2.5th percentile)

9 ppm (2.5 - 5th percentile)

10 ppm (5 - 10th percentile)

11 - 3 ppm (10 - 25th percentile)

14 - 24 ppm (25 - 75th percentile)

25 - 49 ppm (75 - 90th percentile)

50 - 72 ppm (90 - 95th percentile)

73 - 110 ppm (95 - 97.5th percentile)

111 - 175 ppm (97.5 - 99th percentile)

180 - 478 ppm (>99th percentile)

Contour map - Chromium

3 - 8.0 ppm (<2.5th percentile)

8.1 - 9.0 ppm (2.5 - 5th percentile)

9.1 - 10.0 ppm (5 - 10th percentile)

10.1 - 13.0 ppm (10 - 25th percentile)

13.1 - 24.0 ppm (25 - 75th percentile)

13.1 - 24.0 ppm (25 - 75th percentile)

49.1 - 72.0 ppm (90 - 95th percentile)

72.1 - 110.0 ppm (95 - 97.5th percentile)

110.1 - 175.0 ppm (97.5 - 99th percentile)

175.1 - 478.0 ppm (>99th percentile)

Cr

Samples:	3006
Minimum:	3.0000
Maximum:	478.0000
Mean:	26.4657
Geo.Mean:	19.5483
Median:	17.0000
Mode:	12.0000
Std.Dev.:	35.76
Std.Err.:	0.6522
Skew:	6.671
Kurtosis:	60.75
Log:	
Mean:	1.291
Median:	1.23
Skew:	1.426

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

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