USGS
science for a changing world

RÉPUBLIQUE ISLAMIQUE DE MAURITANIE

PRISM

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

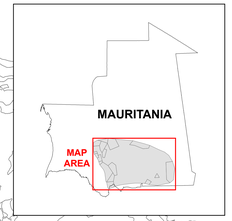
By Stuart A. Giles and Robert G. Eppinger

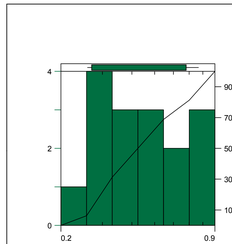
2012

Geochemistry of Unconsolidated Materials in the Kĩffa-Néma Area — Titanium

13°W 12°W 11°W 10°W 9°W 8°W 7°W

18°N 17°N 16°N





Ti

Samples:	16
Minimum:	0.2000
Maximum:	0.8600
Mean:	0.4688
Geo.Mean:	0.4275
Median:	0.4350
Mode:	0.2600
Std.Dev.:	0.2054
Std.Err.:	0.05136
Skew:	0.4408
Kurtosis:	-1.226
Log:	
Mean:	-0.3691
Median:	-0.3629
Skew:	-0.01905

Explanation

- Kĩfa-Néma region sub-areas
- Geologic formation contact

Samples with no matching chemistry

- Sediment (2 samples)
- Soil (6 samples)

Unconsolidated samples - Titanium

- No Ti analysis (62 samples)
- 0.2 % (<5th percentile)
- 0.26 % (5 - 10th percentile)
- 0.27 -0.28 % (10 - 25th percentile)
- 0.36 - 0.57 % (25 - 75th percentile)
- 0.68 - 0.77 % (75 - 90th percentile)
- 0.86 % (>90th percentile)

4°W
APPROXIMATE MEAN DECLINATION, 2007

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

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).