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

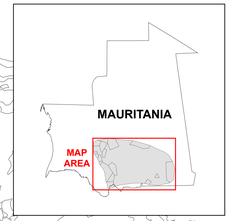
By Stuart A. Giles and Robert G. Eppinger

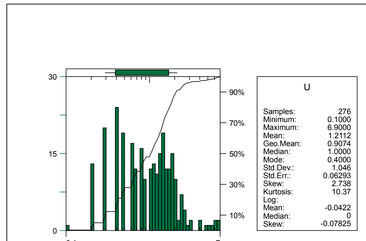
2012

# Geochemistry of Rocks in the Kĩffa-Néma Area — Uranium

13°W 12°W 11°W 10°W 9°W 8°W 7°W

18°N 17°N 16°N




U

| | |
|---|---|
| Samples: | 276 |
| Minimum: | 0.1000 |
| Maximum: | 6.9000 |
| Mean: | 1.2112 |
| Geo.Mean: | 0.9074 |
| Median: | 1.0000 |
| Mode: | 0.4000 |
| Std.Dev.: | 1.046 |
| Std.Err.: | 0.06293 |
| Skew: | 2.738 |
| Kurtosis: | 10.37 |
| Log: | |
| Mean: | -0.0422 |
| Median: | 0 |
| Skew: | -0.07825 |

## Explanation

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

### Samples with no matching chemistry

- Bleg (2 samples)
- Rock (14 samples)

### Rock samples - Uranium

- No U analysis (499 samples)
- 0.1 - 0.2 ppm (<5th percentile)
- 0.3 ppm (5 - 10th percentile)
- 0.4 - 0.5 ppm (10 - 25th percentile)
- 0.6 - 1.6 ppm (25 - 75th percentile)
- 1.7 - 2.1 ppm (75 - 90th percentile)
- 2.2 - 2.6 ppm (90 - 95th percentile)
- 2.7 - 4.9 ppm (95 - 97.5th percentile)
- 5.2 - 6.3 ppm (97.5 - 99th percentile)
- 6.9 ppm (>99th percentile)

4°1'
TRUE NORTH
GRID NORTH
MAGNETIC NORTH
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).