

Hydrogeologic Units (dashed where inferred)

Description	Type	Rock Units (after Bradley et al., 2012)
Continental Terminal Basin		
TQ - Coastal deposits of the Quaternary-Tertiary Period	Aquifer	Qa, Qd, Qf, Qi, TIM
Taoudeni Basin		
JQ - Sedimentary rocks of the Jurassic, Cretaceous, and Quaternary Periods	Aquifer	Nm, Qd
CC - Sedimentary rocks of the Carboniferous and Cretaceous Periods	Aquifer	Eg, Kd, Ou, Ai, Ci
D - Sedimentary rocks of the Devonian Period	Aquifer	Tm, Id, Zm1, Zm2, Zm3, TmOg
S - Sedimentary rocks of the Silurian Period	Aquitard	Cn, Gb, Og, Th
CO1 - Sedimentary rocks of the Cambrian and Ordovician Periods	Aquifer	Oj, No, Hr, NoOj, Ti, Ec, Gh, Oh
CO2 - Sedimentary rocks of the Cambrian and Ordovician Periods	Aquitard	AY, Kn, Tk, Oj
PC1 - Sedimentary rocks of the Neoproterozoic Era and Cambrian Period	Aquifer	Dj
PC2 - Sedimentary rocks of the Neoproterozoic Era and Cambrian Period and igneous rocks of the Jurassic Period	Aquitard	JbTe, JbTeNo, Jb, Az, Te, Ck1, Ck2, Md, Mg
P1 - Sedimentary rocks of the Neoproterozoic Era	Aquifer	Ch, At1, So, An, Ahz, Aht, Ahb, Ah, Kg
P2 - Sedimentary rocks of the Neoproterozoic Era	Aquifer	At2, Em1, Em2, Em, Et, Do
P3 - Metamorphic and igneous rocks of the Paleoproterozoic through Neoproterozoic Eras	Aquitard	Ga, GD, Fr, Gr, HDa, Ms, Gu, Guf, Ms, Agg, Hr, SB, MB
AP - Metamorphic and igneous rocks of Mesoarchean to Neoarchean Eras, and the Paleoproterozoic Era	Aquitard	Agb, AMa, AMc, AMf, AMg, AMgn, AMgr, AMs, GA, TSg, Trqf, TRf, Trg, Trk, Trla, Trle, Trm, TS, App

Explanation

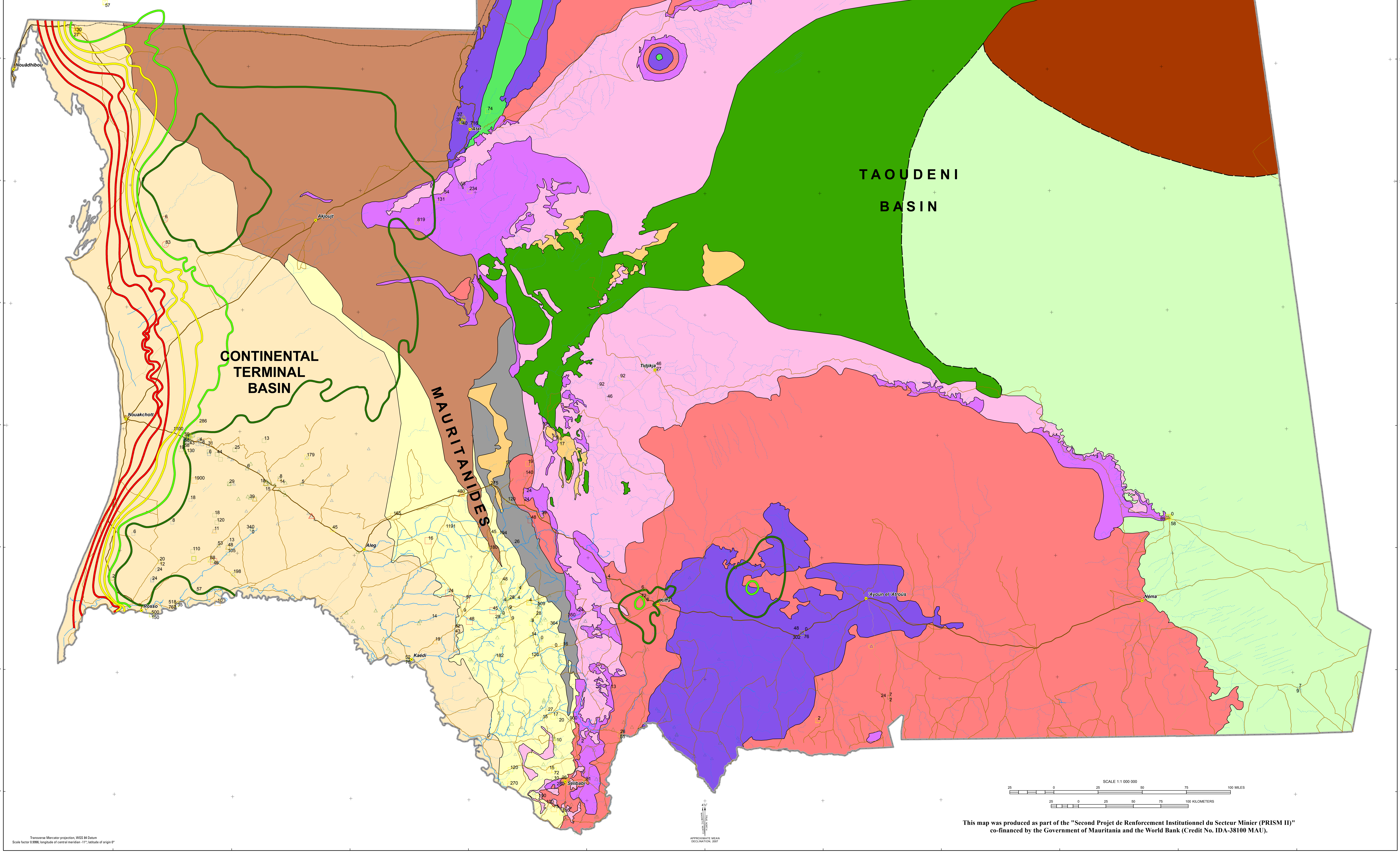
Oxygen	Nitrate	Bicarbonate	Sulfate
○ 0	△ 0 - 1	□ 2 - 100	○ 0 - 1900 numbers only
○ 1	△ 2 - 5	□ 101 - 200	
○ 2 - 5	△ 6 - 10	□ 201 - 400	
○ 6 - 10	△ 11 - 50	□ 401 - 600	
○ 11 - 18	△ 51 - 115	□ 601 - 900	

Salinity Contours

- Fresh water (<1,000 mg/L)
- Brackish (1,001 - 5,000 mg/L)
- Highly brackish (5,001 - 15,000 mg/L)
- Saline (15,001 - 30,000 mg/L)

Basemap

- Country boundary
- Railroad
- Road - major
- Road - arterial
- Road - minor
- Stream - permanent
- Stream - intermittent
- Major cities



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).