

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS:K- 594

Dated: 16-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Virmau / BARMANWA
Block: Sujanganj
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 15-01-2024
Logging Depth: 302.0m bgl
Rm -13.0 Ωm Rw - 15.0 Ωm

Latitude: 25.7507580 Longitude:82.2335520

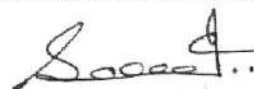
Borehole Drilled by: M/s Afcons Infrastructure Limited, Jaunpur, Uttar Pradesh, India.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	22 - 32	10	Good
2.	35 - 41	06	Good
3.	206 - 212	06	Moderate
4.	230 - 237	07	Moderate
5.	268 - 275	07	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline in between 60.0 to 200.0 m bgl.
3. Predominated clay is present in depth range 200.0 to 205.0 m bgl.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)