

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 150

Dated: 22-01-2025

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ranvirpur Tw-2  
Block: Pardahan  
District: Mau  
State: Uttar Pradesh  
Date of Logging: 22-01-2025  
Drilling Depth: 210.0 m bgl  
Logging Depth: 195.0 m bgl  
Rm -16.0  $\Omega$ m Rw-18.0  $\Omega$ m

Latitude: 25.896364

Longitude: 83.629711

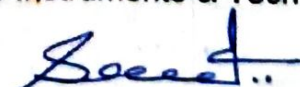
Borehole Drilled by: M/s L.C. Infra Projects, Mau, Uttar Pradesh.

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.	16 - 21	05	Good
2.	28 - 31	03	Good
3.	46 - 50	04	Good
4.	58 - 62	04	Good
5.	87 - 100	13	Good
6.	170 - 174	04	Moderate
7.	186 - 190	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 3 is fine sand & highly intermixed with fine bands of kankar.  
3. Zone Sl. No. 1 and 7 are highly intermixed with fine bands of kankar.  
4. Zone Sl. No. 4 is fine sand in nature.  
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)

SP\_5 N16\_1 N64\_1

Resistivity - (Ohm-m)

