

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: 151

Dated: 29-01-2025

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: ~~Raining~~ *Raini (Tw-2)*
Block: **Pardaha**
District: **Mau**
State: **Uttar Pradesh**
Date of Logging: **29-01-2025**
Drilling Depth: **205.0 m bgl**
Logging Depth: **180.0 m bgl**
Rm - **15.0 Ω m** Rw - **14.0 Ω m**

Latitude: **25.983055**

Longitude: **83.512748**

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.	21 - 24	03	Good
2.	30 - 35	05	Good
3.	38 - 42	04	Good
4.	44 - 47	03	Good
5.	52 - 56	04	Good
6.	70 - 79	09	Good
7.	90 - 99	09	Good
8.	117 - 130	13	Good
9.	132 - 136	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

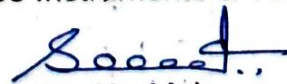
2. Zone Sl. No. 1 & 5 highly intermixed with fine bands of kankar.

4. Zone Sl. No. 5 is fine sand in nature.

5. Quality of ground water is deteriorating marginal to saline below 144.0 m bgl to till depth logged.

6. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

Resistivity - (Ohm-m)

