

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: 17

Dated: 11-04-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bibipur**
Block: **Ratanpur**
District: **Mau**
State: **Uttar Pradesh**
Date of Logging: **11-04-2024**
Drilling Depth: **205.0 m bgl**
Logging Depth: **180.0 m bgl**
Rm – **10.0 Ωm** Rw – **9.5 Ωm**

Latitude: **25.88237** Longitude: **83.733246**

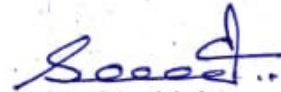
Borehole Drilled by: M/s, L.C. Infra Projects, Mau, Uttar Pradesh.

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.	28 – 32	04	Good
2.	45 – 52	07	Good
3.	60 – 64	04	Good
4.	81 – 91	10	Good
5.	162 – 169	07	Good
6.	173 – 176	03	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 is highly intermixed with kankar.
3. Quality of ground water is deteriorating marginal to saline in between 104.0 m to 158.0 bgl.
4. Predominated clay is present in depth range 158.0 to 161.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)