

# 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: 67

Dated: 20-05-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Pure Mettha**  
Block: **Lalganj Ajahara**  
District: **Pratapgarh**  
State: **Uttar Pradesh**  
Date of Logging: **19-05-2024**  
Drilling Depth: **340.0 m bgl**  
Logging Depth: **313.0 m bgl**  
Rm – **12.0 Ωm** Rw **11.0 Ωm**

Latitude: **25.897000** Longitude: **81.6997550**

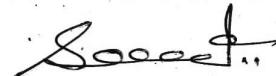
Borehole Drilled by: M/s KPIL, Pratapgarh, Uttar Pradesh.

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.	23 – 31	08	Good
2.	61 – 71	10	Good to Moderate

- Note: 1. **Fine bands of kankar are intermixed with almost all the zones.**  
2. **Quality of ground water is deteriorating marginal to saline below 82.0 m bgl to till depth logged.**  
3. **Please ensure pre-monsoon water level before lower the well assembly.**

For Geo Instruments & Technic's

  
(S. Shukla)