

# 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:23-24:LS: **K-540**

Dated: 22-12-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Malgahiya Mishrouliya**  
Block: **Barh**  
District: **Siddharth Nagar**  
State: **Uttar Pradesh**  
Drilling Depth: **175.0 m bgl**  
Logging Depth: **170.0m bgl**  
Date of logging: **22-12-2023**  
Rm - **21.0 Ωm** Rw - **29.0 Ωm**

Latitude: **27.485346** Longitude: **82.741524**

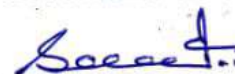
Borehole Drilled by: M/s. **Jakson Vishvaraj (JV) Siddharath Nagar,**  
**Uttar Pradesh, India.**

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.	24 - 28	04	Good
2.	34 - 38	04	Good
3.	58 - 64	06	Good
4.	72 - 79	07	Good
5.	82 - 86	04	Good
6.	92 - 96	04	Good
7.	101 - 108	07	Good
8.	114 - 117	03	Good
9.	120 - 129	09	Good
10.	140 - 144	04	Good
11.	148 - 155	07	Good
12.	162 - 168	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 2 & 3 are highly intermixed with fine bands of Kankar.  
3. Zone Sl. No. 2 is fine sand in nature.

For Geo Instruments & Technic's

  
(S. Shukla)