

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 58

Dated: 24-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mehanuli  
Block: Shohratgarh  
District: Siddharth Nagar  
State: Uttar Pradesh  
Date of logging: 23-07-2023  
Drilling Depth: 206.0 m bgl  
Logging Depth: 201.0 m bgl  
Rm – 26.0  $\Omega$ m Rw – 17.0  $\Omega$ m


Borehole Drilled by: M/s Jakson Vishvaraj (JV) Siddharath Nagar, U. P.

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.	15 – 22	07	Good
2.	95 – 105	10	Good
3.	107 – 110	03	Good
4.	136 – 140	04	Good
5.	150 – 154	04	Good
6.	177 – 181	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 4 is fine sand in nature.  
3. Zones Sl. No. 5 & 6 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)