

# 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:22-23:LS:1K- 365  
 Dated: 01-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Paragpur  
 Block: Nichalaul  
 District: Maharajganj  
 State: Uttar Pradesh  
 Drilling Depth: 149.0 m bgl  
 Logging Depth: 142.0m bgl  
 Date of logging: 31-01-2023  
 Rm – 7.5 Ωm Rw – 6.5 Ωm

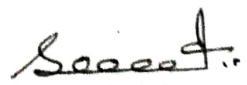
Borehole Drilled by: M/s JMC india Limited. Mahrajganj, U.P. India.

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.	20 – 24	04	Good
2.	28 – 35	07	Good
3.	52 – 59	07	Good
4.	65 – 69	04	Good
5.	81 – 87	06	Good
6.	129 – 132	03	Good
7.	139 – 145	06	Good

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

For Geo Instruments & Technic's

  
 (S. Shukla)

Caution: As Rm Rw is having very low resistivity values. The taste of water is not appropriate and some smell is also present in to the water sample provided for testing at site. It is reported by Logging officials.