

# 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- 128

Dated: 15-08-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mathura Nagar – 2  
Block: Pharenda  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 14-08-2023  
Drilling Depth: 220.0 m bgl  
Logging Depth: 148.0 m bgl  
Rm – 19.0  $\Omega$ m Rw – 18.0  $\Omega$ m


Borehole Drilled by: M/s Ritwik Koya (JV), Maharajganj, 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.	16 – 20	04	Good
2.	27 – 34	07	Good
3.	40 – 44	04	Good
4.	60 – 64	04	Good
5.	74 – 77	03	Good
6.	93 – 97	04	Good
7.	109 – 113	04	Good
8.	117 – 120	03	Good
9.	137 – 144	07	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. Zone Sl. No. 9 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)