

# 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- 476  
Dated: 01-12-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kotwa**  
Block: **Partawal**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Date of Logging: **01-12-2023**  
Drilling Depth: **215.0 mbgl**  
Logging Depth: **210.0 mbgl**  
Rm - **24.0  $\Omega$ m** Rw - **19.0  $\Omega$ m**  
Latitude: **26.971179** Longitude: **83.585833**

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 - 22	06	Good
2.	28 - 43	15	Good
3.	47 - 54	07	Good
4.	60 - 64	04	Good
5.	66 - 72	06	Good
6.	100 - 107	07	Good
7.	116 - 120	04	Good
8.	128 - 135	07	Good
9.	143 - 147	04	Good
10.	155 - 164	09	Good
11.	182 - 186	04	Good
12.	192 - 196	04	Good
13.	206 - 110	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone S. No. 11, 12 are fine sand and highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)