

# 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- 556

Dated: 29-12-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gopalpur  
Block: Brijmanganj  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 28-12-2023  
Drilling Depth: 220.0 m bgl  
Logging Depth: 206.0 m bgl  
Rm - 15.0  $\Omega$ m      Rw - 13.0  $\Omega$ m

Latitude: 27.242513 Longitude: 83.267136

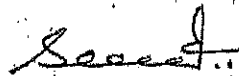
Borehole Drilled by: M/s Ritwik Koya (JV), Maharajganj, Uttar Pradesh.

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 - 40	13	Good
3.	58 - 65	07	Good
4.	81 - 91	10	Good
5.	95 - 112	17	Good
6.	121 - 131	10	Good
7.	136 - 143	07	Good
8.	156 - 160	04	Good
9.	168 - 172	04	Good
10.	180 - 184	04	Good
11.	192 - 201	09	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. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)