

# 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-21*

Dated: 17-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pipra Khali  
Block: Pharenda  
District: Maharajganj  
State: Uttar Pradesh  
Date of logging: 17-07-2023  
Drilling Depth: 220.0 m bgl  
Logging Depth: 157.0mbgl  
Rm -13.0  $\Omega$ m Rw - 9.0  $\Omega$ m


Borehole Drilled by: M/s Ritwik- Koya(JV), Maharajganj, 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.	28 - 38	10	Good
2.	53 - 60	07	Good
3.	80 - 84	04	Good
4.	89 - 95	06	Good
5.	102 - 109	07	Good
6.	116 - 123	07	Good
7.	134 - 138	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 6 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)