

# 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: 600

Dated: 31-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Rajaura Panjum**  
Block: **Paniyara**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **160.0 m bgl**  
Date of logging: **30-05-2023**  
Rm - **24.0  $\Omega$ m** Rw - **16.0  $\Omega$ m**

Borehole Drilled by: M/s Rithwik-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)
<del>1.</del>	43 - 50	07	Good
<del>2.</del>	54 - 61	07	Good
3.	69 - 73	04	Good
<del>4.</del>	79 - 83	04	Good
<del>5.</del>	103 - 107	04	Good
<del>6.</del>	110 - 113	03	Good
<del>7.</del>	116 - 120	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 6 & 7 are highly intermixed with fine bands of kankar.

*Verified as per logs provided*  
G. Sr  
31/05/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)