

# 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: **456-A**

Dated: 21-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khanpur – Relogging**  
Block: **Ghughali**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **210.0 m bgl**  
Logging Depth: **202.0 m bgl**  
Date of logging: **21-05-2023**  
Rm – **22.5  $\Omega$ 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)
1.	17 – 21	04	Good
2.	27 – 31	04	Good
3.	42 – 49	07	Good
4.	62 – 69	07	Good
5.	71 – 75	04	Good
6.	84 – 88	04	Good
7.	113 – 117	04	Good
8.	162 – 166	04	Good
9.	181 – 190	09	Good

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

2. Zones Sl. No. 4, 7 & 8 are highly intermixed with fine bands of Kankar.

*Verified as per logs provided*  
*G. S. Shukla*  
*22/05/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)