

# 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: 229

Dated: 20-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mahavankhor urf Banahara**  
Block: **Ghughli**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **205.0 m bgl**  
Logging Depth: **195.0 m bgl**  
Date of logging: **20-04-2023**  
Rm -16.0 Om Rw -17.0 Om

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 (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	26 - 30	04	Good
2.	35 - 42	07	Good
3.	51 - 55	04	Good
4.	60 - 67	07	Good
5.	70 - 77	07	Good
6.	84 - 88	04	Good
7.	95 - 98	03	Good
8.	103 - 110	07	Good
9.	134 - 138	04	Good
10.	149 - 156	07	Good
11.	175 - 182	07	Good

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

2. Zones Sl. No. 7 & 10 are highly intermixed with fine bands of Kankar.

*Verified as per logs provided*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.S.H  
21/04/23*