

# 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:22-23:LS:1K- 628

Dated: 27-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Dekhahi**  
Block: **Ghughali**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **169.0m bgl**  
Date of logging: **26-02-2023**  
Rm - **16.0  $\Omega$ m** Rw - **15.0  $\Omega$ 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.	16 - 20	04	Good
2.	30 - 43	13	Good
3.	54 - 58	04	Good
4.	62 - 75	13	Good
5.	107 - 114	07	Good
6.	117 - 123	06	Good
7.	140 - 147	07	Good
8.	152 - 162	10	Good
9.	166 - 169	03	Good

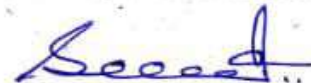
Note: 1. Fine bands of kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 2 is highly intermixed with very fine bands of kankar.

3. Zone Sl. No. 4 & 5 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*  
G. Sh  
27/02/23

For Geo Instruments & Technic's

  
(S. Shukla)