

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- 658

Dated: 01-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mangalpur**
Block: **Ghughali**
District: **Mahrajganj**
State: **Uttar Pradesh**
Date of Logging: **28-02-2023**
Logging Depth: **210.0 m bgl**
Drilling Depth: **192.0 m bgl**
Rm - **23.0 Ωm** Rw - **38.0 Ωm**

Borehole Drilled by: M/s Rithwik- Koya-JV, Mahrajganj, Uttar Pradesh.

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.	20 - 26	06	Good
2.	30 - 40	10	Good
3.	50 - 54	04	Good
4.	70 - 80	10	Good
5.	100 - 110	10	Good
6.	115 - 122	07	Good
(7)	147 - 151	04	Good
8.	165 - 169	04	Good
9.	181 - 190	09	Good

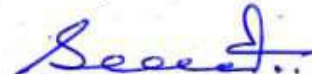
Note: 1. Fine bands of kankar are intermixed with almost all the Zones.

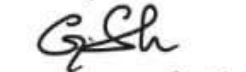
2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

3. Zone Sl. No. 9 is highly intermixed with very fine bands of kankar.

Verified as per
logs provided,

For Geo Instruments & Technic's


(S. Shukla)


02/03/23