

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: 276

Dated: 25-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bargdawa Madhopur**
Block: **Ghughali**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **210.0 m bgl**
Logging Depth: **180.0 m bgl**
Date of logging: **25-04-2023**
Rm - **14.0 Ωm** Rw - **15.0 Ωm**

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, U.P.

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.	21 - 24	03	Good
2.	28 - 31	03	Good
3.	36 - 43	07	Good
4.	54 - 58	04	Good
5.	61 - 65	04	Good
6.	73 - 80	07	Good
7.	96 - 102	06	Good
8.	116 - 120	04	Good
9.	125 - 129	04	Good
10.	139 - 143	04	Good
11.	157 - 161	04	Good
12.	166 - 170	04	Good

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

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

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Sh
26/04/23