

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- 671

Dated: 02-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Dadwari Buzurg**
Block: **Pharenda**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **220.0 m bgl**
Logging Depth: **213.0m bgl**
Date of logging: **28-02-2023**
Rm - **24.0 Ωm** Rw - **21.0 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.	25 - 31	06	Good
2.	69 - 75	06	Good
3.	87 - 91	04	Good
4.	95 - 99	04	Good
5.	104 - 107	03	Good
6.	110 - 116	06	Good
7.	125 - 129	04	Good
8.	145 - 151	06	Good
9.	161 - 165	04	Good
10.	175 - 181	06	Good
11.	185 - 189	04	Good
12.	196 - 210	14	Good

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

2. Zones Sl. No. 2, 3, 7, 9 & 11 are highly intermixed with fine bands of kankar.

3. Zone Sl. No. 12 is highly intermixed with very fine bands of kankar.

*Verified on pur
logs provided*

*G.Sh
02/03/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)