

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: **405**
Dated: 10-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kurva Urf Murkatiya**
Block: **Partawal**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **200.0 m bgl**
Logging Depth: **199.0 m bgl**
Date of logging: **10-05-2023**
Rm - **23.0 Ω m** Rw - **34.0 Ω m**

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.	18 - 22	04	Good
2.	27 - 37	10	Good
3.	45 - 48	03	Good
4.	65 - 75	10	Good
5.	82 - 86	04	Good
6.	117 - 124	07	Good
7.	137 - 141	04	Good
8.	155 - 162	07	Good

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

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Gh
11/05/23