

# 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:23-24:LS: 248  
Dated: 16-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhikhpur Kanidhi (Re- Logging)**  
Block: **Bihar**  
District: **Pratapgarh**  
State: **Uttar Pradesh**  
Logging depth: **253.0 m bgl**  
Date of logging: **14-06-2023**  
Rm - **10.0 Qm** Rw - **8.0 Qm**

Borewell Drilled By: M/s Power Mech. Project Ltd., Pratapgarh, U.P.

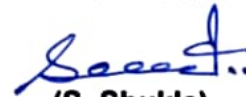
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** Geophysical Logs, following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	25 - 29	04	Good
2.	42 - 46	04	Good
3.	173 - 180	07	Good
4.	200 - 203	03	Good
5.	207 - 210	03	Good
6.	223 - 227	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline in between 55.0 to 158.0 m bgl.  
3. Predominated clay is present in depth range 158.0 to 165.0 m bgl.

Verified as per logs provided

For Geo Instruments & Technic's

  
(S. Shukla)

Note: Sr No 3. Highly kankar intermixed.

GSh  
16/06/23