



GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

& Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS:243
Dated: 15-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Raypur
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 240.0 m bgl
Date of logging: 13-06-2023
Rm - 14.0 Qm Rr - 11.0 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 - 35	10	Good
2.	40 - 44	04	Good
3.	60 - 63	03	Moderate
4.	139 - 146	07	Moderate
5.	162 - 168	06	Good
6.	176 - 180	04	Good
7.	188 - 192	04	Good
8.	197 - 204	07	Good
9.	222 - 226	04	Moderate
10.	230 - 234	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 & 7 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 77.0 to 121.0 m bgl.
4. Predominated clay is present in depth range 121.0 to 133.0 m bgl.

Verified as per logs provided

For Geo Instruments & Technic's

(S. Shukla)

Note- Another prominent clay lies in b/w 157-161 (4m)

9/6/23
15/06/23