

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref: GIT:UP:23-24:LS: 304  
Dated: 01-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dharpur  
Block: Bihar  
District: Pratapgarh  
State: Uttar Pradesh  
Logging depth: 286.0 m bgl  
Date of logging: 30-06-2023  
Rm - 9.0  $\Omega$ m Rw - 11.0  $\Omega$ m

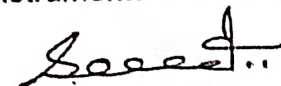
Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U.P., India.

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.	16 - 22	06	Good to Moderate
2.	156 - 162	06	Good to Moderate
3.	164 - 168	04	Good to Moderate
4.	172 - 178	06	Good to Moderate
5.	180 - 186	06	Good to Moderate
6.	190 - 196	06	Good to Moderate
7.	250 - 254	04	Good to Moderate
8.	260 - 264	04	Good to Moderate
9.	268 - 272	04	Moderate to Marginal
10.	280 - 284	04	Marginal to Saline

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 5 & 8 are highly intermixed with fine bands of kankar.  
2. Quality of ground water is deteriorating marginal to saline in between 34.0 to 146.0 m bgl.  
3. Predominated clay is present in depth range 146.0 to 155.0 m bgl.

For Geo Instruments & Technic's

  
(S. Shukla)