

# 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: 207  
Dated: 03-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rajapur → T.W. 2  
Block: Babaganaj  
District: Pratapgarh  
State: Uttar Pradesh  
Logging depth: 291.0 m bgl  
Date of logging: 02-06-2023  
Rm - 7.8 Qm Rw - 8.5 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.	21 - 24	03	Good
2.	137 - 141	04	Moderate
3.	151 - 158	07	Moderate
4.	173 - 183	10	Good
5.	187 - 191	04	Good
6.	215 - 219	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.  
3. Quality of ground water is deteriorating marginal to saline in between 65.0 to 127.0 & below 246.0 m bgl to till depth logged.  
4. Predominated clay is present in depth range 127.0 to 135.0 m bgl.

Verified as per  
logs provided.

For Geo Instruments & Technic's

- Note. Another clay  
layer in 159-173 (LW).

*S. Shukla*  
(S. Shukla)

GCh  
03/06/23