

# 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: 304  
Dated: 01-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chatter  
Block: Bihar  
District: Pratapgarh  
State: Uttar Pradesh  
Logging depth: 260.0 m bgl  
Date of logging: 29-06-2023  
Rm – 12.5  $\Omega$ m Rw – 9.0  $\Omega$ m

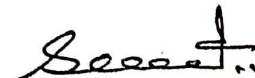
Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U.P., India.

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.	22 – 31	09	Good
2.	34 – 38	04	Good
3.	113 – 116	03	Moderate to Marginal
4.	120 – 126	06	Moderate
5.	131 – 138	07	Moderate
6.	140 – 143	03	Moderate
7.	166 – 170	04	Good
8.	172 – 176	04	Good
9.	181 – 185	04	Good
10.	206 – 210	04	Moderate to Marginal

- 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 62.0 to 108.0 and below 218.0 m bgl to till depth logged.  
3. Predominated Clay is present in depth range 108.0 to 1113.0 m bgl.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)