

# 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: PJM:22-23:LS: 254

Dated: 10-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Roar  
Block: Bihar  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 09-02-2023  
Logging Depth: 245.0 m bgl  
Rm -12.0  $\Omega$ m Rw -15.0  $\Omega$ m


Borewell Drilled By: M/s K.P.T.L, 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 (meter)	Remark (Quality of Aquifer Water)
1.	20 - 24	04	Good
2.	27 - 34	07	Good
3.	165 - 172	07	Moderate
4.	190 - 194	04	Moderate
5.	207 - 211	04	Moderate

- Note: 1. Fine band of kankar are intermixed with almost all zone.  
2. Zone Sl. No. 2 & 3 are highly intermixed with fine band of kankar.  
3. Quality of ground water is deteriorating Marginal to Saline in between 45.0 to 160.0 m bgl.  
4. Predominated Clay is present in depth range 160.0 to 165.0 m bgl.  
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)