

# 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:23-24:LS:K- 312

Dated: 09-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chaktali  
Block: Sirkoni  
District: Jaunpur  
State: Uttar Pradesh  
Date of Logging: 07-10-2023  
Logging Depth: 265.0 mbgl  
Rm – 08.0  $\Omega$ m Rw – 10.0  $\Omega$ m  
Latitude: 25.691320 Longitude: 82.697655

Borehole Drilled by: M/s Afcons Infrastructure Limited, Jaunpur,  
Uttar Pradesh, 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.	41 – 48	07	Good
3.	189 – 193	04	Moderate
4.	205 – 208	03	Good
5.	216 – 222	06	Good
6.	225 – 228	03	Good
7.	242 – 246	04	Good
8.	250 – 254	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.


2. Zone Sl. No. 6 is fine sand in nature.

3. Ground water quality is deteriorating from marginal to saline in between 56.0 to 183.0 m bgl.

4. Predominated clay is present in depth range 183.0 to 188.0 m bgl.

5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)