

# 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:1K- **759**

Dated: 22-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kadhara**  
Block: **Muftiganj**  
District: **Jaunpur**  
State: **Uttar Pradesh**  
Date of Logging: **21-03-2023**  
Logging Depth: **274.0 m bgl**  
Rm - **15.0 Qm** Rw - **14.0 Qm**

Borehole Drilled by: M/s, **Afcons Infrastructure Ltd. Jaunpur, 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 (meter)	Remark (Quality of Aquifer Water)
1.	24 - 30	06	Good
2.	42 - 46	04	Good
3.	60 - 64	04	Good
4.	70 - 79	09	Good
5.	236 - 249	13	Moderate
6.	252 - 256	04	Moderate

- 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 82.0 to 230.0 m bgl.  
3. Predominated Clay is present in depth range 230.0 to 235.0 m bgl.  
4. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided.*  
*G. Sh*  
*22/03/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)