

# 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- 399

Dated: 31-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Paliya  
Block: Kurebhar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 30-10-2023  
Drilling Depth: 300.0 mbgl  
Logging Depth: 290.0 mbgl

Latitude: 26.322008 Longitude:82.21547

Borehole Drilled by: M/s VTL GAJA Engineering Limited, Sultanpur,  
Uttar Pradesh.


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.	16 - 23	07	Good
2.	30 - 34	04	Good
3.	38 - 48	10	Good
4.	55 - 61	06	Good
5.	70 - 77	07	Good
6.	85 - 98	13	Good

Note: 1. Zone Sl. No 6 is intermixed with fine bands of kankar.

2. Quality of ground water is deteriorating below 106.0 m bgl to till depth logged.

For Geo Instruments & Technic's

  
(S. Shukla)