

# 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: 293

Dated: 27-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarai jujhar  
Block: P. P. Kamaicha  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 26-04-2023  
Drilling Depth: 270.0 m bgl  
Logging Depth: 258.0 m bgl  
Rm – 13.0  $\Omega$ m Rw – 12.0  $\Omega$ m


Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, 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.	15 – 19	04	Good
2.	24 – 31	07	Good
3.	46 – 53	07	Good
4.	72 – 78	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating Marginal to Saline below 92.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)