

# 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- 130

Dated: 15-08-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khalijpur Mubarakpur  
Block: Kadipur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 15-08-2023  
Drilling Depth: 270.0m bgl  
Logging Depth: 195.0 m bgl  
Rm – 15.0  $\Omega$ m Rw – 16.0  $\Omega$ m

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

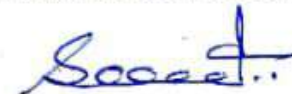
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	19 – 23	04	Good
2.	32 – 39	07	Good
3.	41 – 45	04	Good
4.	64 – 70	06	Good
5.	73 – 77	04	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 80.0 m bgl to till depth logged.

For Geo Instruments & Technic's

  
(S. Shukla)