

# 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- 343

Dated: 29-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Motigarpur  
Block: Motigarpur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 28-01-2023  
Drilling Depth: 172.0 m bgl  
Logging Depth: 128.0 m bgl  
Rm - 21.0 ~~Qm~~ Rw - 16.0 ~~Qm~~

Borehole Drilled by: /s VTL GAJA Engineering Ltd., Sultanpur, U. P.

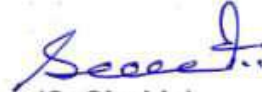
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (6")** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	23 - 35	12	Good
2.	38 - 42	04	Good
3.	62 - 75	13	Good
4.	104 - 107	03	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.  
G.Sh  
29/01/23

For Geo Instruments & Technic's

  
(S. Shukla)