

# 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: 75

Dated: 08-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahamudpur  
Block: Jaisinghpur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 06-04-2023  
Drilling Depth: 165.0 m bgl  
Logging Depth: 154.0 m bgl  
Rm - 15.0 ~~Qm~~ Rw - 13.0 ~~Qm~~

Borehole Drilled by: M/s Vikram Engineering Pvt. 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.	16 - 26	10	Good
2.	36 - 46	10	Good
3.	48 - 52	04	Good
4.	77 - 84	07	Moderate

Note: 1. Fine bands of kankar are intermixed with almost all the zones.


2. Quality of ground water is deteriorating Marginal to Saline below 86.0 m bgl to till depth logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

78-82  
(4w)

Verified as per  
logs provided

For Geo Instruments & Technic's

  
(S. Shukla)

G.Sh  
08/04/23