

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

es & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 249  
Dated: 23-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gora Mahamadpur  
Block: Jalalpur  
District: Ambedkar Nagar  
State: Uttar Pradesh  
Date of Logging: 22-04-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 164.0 m bgl  
Rm -15.0 Qm Rw -14.0 Qm

Borehole Drilled by: M/S VTL GAJA Engineering Pvt. Ltd., Ambedkar Nagar, 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.	30 - 40	10	Good
2.	45 - 49	04	Good
3.	55 - 61	06	Good
4.	73 - 77	04	Good
5.	85 - 89	04	Good
6.	94 - 97	03	Good
7.	100 - 104	04	Good
8.	111 - 121	10	Good

Note: 1. Quality of ground water is deteriorating Marginal to Saline below 130.0 m bgl to till depth logged.

2. Fine bands of kankar are intermixed with almost all the zones.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*GSh  
24/04/23*