

# 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: 1K253

Dated: 20-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Paliya  
Block: Haidargarh  
District: Barabanki  
State: Uttar Pradesh  
Date of Logging: 19-01-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 154.0 m bgl

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd., Barabanki, 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.	18 - 22	04	Good
2.	28 - 38	10	Good
3.	64 - 68	04	Good
4.	74 - 80	06	Good
5.	90 - 94	04	Good
6.	98 - 108	10	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 125.0 m bgl to till depth Logged.  
3. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.

*Verified as per logs provided*  
*GCP*  
*21/01/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)