

# 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: 719

Dated: 10-09-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kamela – 2nd  
Block: Haidergarh  
District: Barabanki  
State: Uttar Pradesh  
Date of Logging: 09-06-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 166.0 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.	30 – 34	04	Good
2.	40 – 53	13	Good
3.	56 – 60	04	Good
4.	72 – 76	04	Good
5.	90 – 97	07	Good
6.	107 – 114	07	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 120.0 m bgl to till depth logged.  
3. Zones Sl. No. 4 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)

Verified as per  
logs provided.  
C. Shukla  
12/09/23