

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS:K- 441

Dated: 17-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Raghavpur
Block: Trivediganj
District: Barabanki
State: Uttar Pradesh
Date of Logging: 17-11-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 164.0 m bgl
Rm - 19.0 Ω m Rw - 22.0 Ω m

Latitude: 26.652360 Longitude: 81.2070560

Borehole Drilled by: M/s Megha Engineering & Infrastructure
Limited, 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.	21 - 25	04	Good
2.	32 - 38	06	Good
3.	40 - 47	07	Good
4.	51 - 54	03	Good
5.	72 - 82	10	Good
6.	92 - 99	07	Good
7.	104 - 108	04	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 112.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)