

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:K-473

Dated: 30-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Paikauli
Block: Trivediganj
District: Barabanki
State: Uttar Pradesh
Date of Logging: 29-11-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 159.0 m bgl
Rm – 18.0 Ω m Rw – 17.0 Ω m

Latitude: 26.650972 Longitude: 81.180828

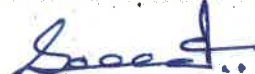
Borehole Drilled by: M/s Megha Engineering & Infrastructure Limited,
Barabanki, Uttar Pradesh.

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.	17 – 24	07	Good
2.	27 – 36	09	Good
3.	40 – 47	07	Good
4.	50 – 57	07	Good
5.	70 – 77	07	Good
6.	86 – 96	10	Good
7.	104 – 111	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 is highly intermixed with fine bands of Kankar.
3. Quality of ground water is deteriorating marginal to saline below 127.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)