



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:1K- 512
Dated: 16-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gaura
Block: Mehnagar
District: Azamgarh
State: Uttar Pradesh
Date of Logging: 15-02-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 166.0 m bgl
Rm - 23.0 Ω m Rw - 25.0 Ω m

Borehole Drilled by: M/s Sudhakar Infratech Pvt. Ltd., Azamgarh, U.P.

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.	23 - 33	10	Good
2.	44 - 48	04	Good
3.	92 - 98	06	Moderate
4.	101 - 108	07	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 138.0 m bgl till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.
GIP
16/02/23

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S. Shukla
(S. Shukla)