

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: ~~PM~~:23-24:LS: 845

Dated: 26.01.24

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Markha Mau
Block: Mauaima
District: Prayagraj
State: Uttar Pradesh
Date of Logging: 25-01-2024
Drilling Depth: 185.0 mbgl
Logging Depth: 182.0 mbgl
Rm – 11.0 Ω m Rw – 12.0 Ω m

Latitude: 27.350682 Longitude: 82.713865

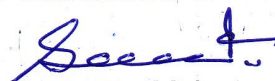
Borehole Drilled by: M/s L & T Limited, Prayagraj, Uttar Pradesh.

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.	19 – 26	07	Good
2.	36 – 46	10	Good
3.	60 – 64	04	Good
4.	84 – 88	04	Good
5.	126 – 130	04	Moderate
6.	142 – 149	07	Good
7.	154 – 158	04	Good
8.	161 – 165	04	Good
9.	170 – 179	09	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No.4 & 9 are highly intermixed with fine bands of Kankar.
3. Quality of Ground water is deteriorating marginal to saline in between 92.0 to 120.0 m bgl.
4. Predominated clay is present in depth range 120.0 to 126.0 m bgl
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)