

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 20

Dated: 12-04-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Patkhauri (Re-Logging)

Block: Muftiganj

District: Jaunpur

State: Uttar Pradesh

Date of Logging: 11-04-2024

Logging Depth: 286.0 m bgl

Rm - 11.0 Ω m Rw - 8.5 Ω m

Latitude: 26.652778

Longitude: 82.804101

Borehole Drilled by: M/s Afcons Infrastructure Limited, Jaunpur
Uttar Pradesh, India.

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.	16 - 20	04	Good
2.	33 - 43	10	Good
3.	52 - 56	04	Good
4.	59 - 69	10	Good
5.	194 - 198	04	Moderate
6.	202 - 206	04	Good
7.	218 - 224	06	Good
8.	236 - 240	04	Good
9.	254 - 258	04	Good
10.	270 - 274	04	Moderate

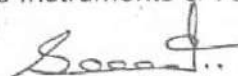
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Quality of ground water is deteriorating marginal to saline in between 82.0 to 181.0 m bgl to till depth logged.

3. Predominated clay is present in depth range 181.0 to 193.0 & 198.0 to 201 m bgl.

4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)