

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-420

Dated: 06-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Katehari
Block: Muftiganj
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 05-02-2023
Logging Depth: 290.0 m bgl
Rm - 10.0 m Rw - 10.0 m

Borehole Drilled by: M/s Afcons Infrastructure Ltd. Jaunpur, 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.	56 - 59	03	Good
2.	62 - 72	10	Good
3.	82 - 85	03	Moderate
4.	205 - 209	04	Good to Moderate
5.	215 - 222	07	Good
6.	237 - 240	03	Good
7.	245 - 249	04	Good
8.	254 - 258	04	Good
9.	267 - 280	13	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 2 & 9 is highly intermixed with fine bands of kankar.
3. Zone Sl. No. 7 is fine sand in nature.
4. Quality of ground water is deteriorating Marginal to Saline in between 90.0 to 202.0 m bgl.
5. Predominated Clay and Kankar intercalation is present in depth range 202.0 to 205.0 & 210.0 to 215.0 m bgl.

Verified as per logs provided.

*GSh
07/02/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)