

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: **591**
Dated: 30-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khargasipur
Block: Kerakat
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 29-05-2023
Logging Depth: 266.0 m bgl
Rm - 8.5 Ω m Rw - 9.0 Ω 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.	18 - 25	07	Good
2.	28 - 34	06	Good
3.	46 - 53	07	Good
4.	61 - 74	13	Good
5.	234 - 241	07	Good
6.	254 - 261	07	Good

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 85.0 to 200.0 m bgl.

3. Predominated Clay is present in depth range 200.0 to 215.0 and 245.0 253.0 m bgl. *→ Clay kankar intercalation*

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

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

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30/05/23