

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:22-23:LS: 265

Dated: 21-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rupaipur
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 18-01-2023
Drilling Depth: 280.0 m bgl
Logging Depth: 220.0 m bgl
Rm - 20.0 ~~Qm~~ Rw - 22.0 ~~Qm~~

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Sultanpur, 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.	30 - 44	14	Good
2.	70 - 73	03	Good
3.	95 - 102	07	Good
4.	108 - 114	06	Good
5.	193 - 200	07	Good
6.	206 - 210	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 3 & 6 are highly kankar intermixed.
3. Quality of ground water is deteriorating Marginal to Saline in between 124.0 to 185.0 m bgl.
4. Clay and Kankar intercalation is present in depth range 185.0 to 192.0 m bgl.

Verified as per logs provided.

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21/01/23*

For Geo Instruments & Technic's

S. Shukla
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