

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: 412
Dated: 11-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Faridpur
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 10-05-2023
Drilling Depth: 275.0 m bgl
Logging Depth: 140.0 m bgl
Rm - 19.0 Ω m Rw - 20.0 Ω m

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.	28 - 34	06	Good
2.	40 - 43	03	Good
3.	58 - 62	04	Good
4.	72 - 78	06	Good
5.	84 - 91	07	Good
6.	101 - 110	09	Good
7.	114 - 118	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 124.0 m bgl to till depth logged.

Verified as per
logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

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11/05/23