

Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 519

Dated: 22-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Baramadpur
Block: Akhandnagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 22-05-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 156.0 m bgl
Rm - 19.0 Ω m Rw - 17.0 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.	15 - 19	04	Good
2.	26 - 33	07	Good
3.	36 - 42	06	Good
4.	57 - 61	04	Good
5.	73 - 80	07	Good
6.	86 - 90	04	Good
7.	94 - 104	10	Good
8.	118 - 122	04	Moderate

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

2. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.

3. Quality of ground water is deteriorating to marginal below 128.0 m bgl to till depth logged.

Verified as per logs provided.

GSh
22/05/23

For Geo Instruments & Technic's

S. Shukla
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