

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:1K- 515
Dated: 15-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Banbaha Sirkhinpur
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 14-02-2023
Drilling Depth: 405.0 m bgl
Logging Depth: 388.0 m bgl
Rm - 21.0 Ω m Rw - 23.0 Ω m

Borehole Drilled by: M/s Gayatri Projects 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.	24 - 28	04	Good
2.	34 - 38	04	Good
3.	41 - 44	03	Good
4.	60 - 66	06	Good
5.	78 - 82	04	Good
6.	90 - 94	04	Good
7.	98 - 102	04	Good
8.	106 - 116	10	Good
9.	134 - 138	04	Moderate
10.	186 - 192	06	Good
11.	196 - 200	04	Good
12.	211 - 218	07	Good

- Note: 1. Fine bands of Kankar are Intermixed with almost all the Zones.
2. Zones Sl. No. 4&6 are highly Intermixed with fine bands of kankar.
3. Zone Sl. No. 8 is highly Intermixed with very fine bands of kankar.
4. Quality of ground water is deteriorating Marginal to Saline in between 147.0 to 178.0 and below 242.0 m bgl to till depth logged.
5. Predominated Clay is present in depth range 178.0 to 185.0 m bgl.

*Verified as per
logs provided.*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*Git
17/02/23*

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