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# 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:22-23:LS:1K- 431

Dated: 07-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kanakpur  
Block: Akhandnagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 06-02-2023  
Drilling Depth: 308.0m bgl  
Logging Depth: 302.0 m bgl  
Rm - 18.0  $\Omega$ m Rw - 16.0  $\Omega$ 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.	30 - 34	04	Good
2.	40 - 44	04	Good
3.	76 - 79	03	Good
4.	84 - 91	07	Good
5.	94 - 101	07	Good
6.	107 - 117	10	Good
7.	124 - 128	04	Good to Moderate
8.	169 - 176	07	Good
9.	186 - 190	04	Good
10.	196 - 203	07	Good
11.	206 - 210	04	Good

- 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. Zone Sl. No.11 is highly intermixed.  
4. Quality of ground water is deteriorating Marginal to Saline in between 136.0 m bgl to 160.0 m bgl.  
5. Clay and Kankar intercalation is present in depth range 160.0 to 166.0 m bgl.

Verified as per  
logs provided  
Note - Sr No 6 - 108-118  
(10m)  
GSh  
08/02/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

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