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# 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- 534  
Dated: 17-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Denva  
Block: Jaisinghpur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 16-02-2023  
Drilling Depth: 165.0 m bgl  
Logging Depth: 160.0 m bgl  
Rm - 17.0  $\Omega$ m Rw - 15.0  $\Omega$ 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.	16 - 22	06	Good
2.	27 - 34	07	Good
3.	38 - 42	04	Good
4.	48 - 52	04	Good
5.	60 - 63	03	Good
6.	70 - 84	14	Good
7.	88 - 92	04	Good
8.	95 - 98	03	Good
9.	106 - 109	03	Moderate

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 4 is highly intermixed with Kankar.  
3. Quality of ground water is deteriorating Marginal to Saline below 112.0 m bgl to till depth logged.  
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

GSh  
17/02/23

For Geo Instruments & Technic's

(S. Shukla)