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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-23-24:LS: 260

Dated: 23-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kurebhar  
Block: Kurebhar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 21-04-2023  
Drilling Depth: 240.0 m bgl  
Logging Depth: 224.0 m bgl  
Rm - 11.0  $\Omega$ m Rw - 12.0  $\Omega$ m

Borehole Drilled by: M/s Vikram Engineering & Exim Pvt. 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 - 20	04	Good
2.	24 - 28	04	Good
3.	37 - 44	07	Good
4.	60 - 66	06	Good
6.	84 - 88	04	Good
7.	92 - 99	07	Good
8.	106 - 112	06	Good
9.	125 - 132	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating Marginal to Saline & below 142.0 m bgl to till depth logged.  
3. Zone Sl. No. 9 is highly intermixed with fine bands of kankar.  
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per  
logs provided

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

GSh  
25/04/23