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**UPTRON INSTRUMENTS & TECHNIC S**  
(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref: GI/UP/PJM 23-24-LS / 3

Dated: 13-04-2023

### GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sahuwal  
Block: Ahiraula  
District: Azamgarh  
State: Uttar Pradesh  
Date of Logging: 12-04-2023  
Drilling Depth: 200.0 m bgl  
Logging Depth: 138.0 m bgl  
Rm - 12.0  $\Omega$ m Rw - 11.0  $\Omega$ m

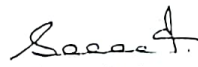
Borehole Drilled by: M/s SKYLARK Infra Engineering Pvt, Ltd.  
Azamgarh U. P.

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 - 18	03	Good
2.	22 - 26	04	Good
3.	44 - 54	10	Good
4.	58 - 65	07	Good
5.	69 - 72	03	Good
6.	80 - 86	06	Good
7.	128 - 138	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 4 & 7 are highly intermixed with fine bands of kankar.  
3. Quality of Ground Water is deteriorating Marginal to Saline in between 90.0 to 119.0 m bgl.  
4. Predominated Clay is present in depth range 119.0 to 127.0 m bgl.  
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic s

  
(S. Shukla)

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