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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- 692  
Dated: 23-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rowapar  
Block: Tarwa  
District: Azamgarh  
State: Uttar Pradesh  
Date of Logging: 23-03-2023  
Drilling Depth: 195.0 m bgl  
Logging Depth: 190.0 m bgl  
Rm - 15.0 Qm Rw - 19.0 Qm

Borehole Drilled by: M/s GAJA SGIPL (GAJA GGIPL), 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.	17 - 21	04	Good
<del>2.</del>	<del>28 - 35</del>	<del>07</del>	<del>Good</del>
<del>3.</del>	<del>42 - 48</del>	<del>06</del>	<del>Good</del>
4.	50 - 54	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No.1 is highly kankar intermixed.  
3. Zone Sl. No.3 is highly intermixed with fine bands of kankar.  
4. Quality of Ground Water is deteriorating marginal to saline below 64.0 mbl to till depth logged.  
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

G. Sh  
23/03/23

For Geo Instruments & Technic's

(S. Shukla)

Powerplant uls sebaai m

