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## GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 591

Dated: 28-09-2023

### GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pathariyapur  
Block: Sangipur  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 28-09-2023  
Logging Depth: 104.0 mbgl  
Rm - 12.5  $\Omega$ m Rw - 55.0  $\Omega$ m


Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.	19 - 26	07	Good
2.	38 - 45	07	Good
3.	50 - 57	07	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline below 70.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)