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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: 23-24:LS: 558

Dated: 12-09-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rajapur Tw - 02  
Block: Shivgarh  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 11-09-2023  
Logging Depth: 236.0 m bgl  
Rm - 15.0  $\Omega$ m R<sub>w</sub> - 18.0  $\Omega$ m

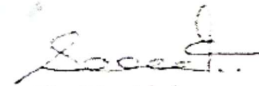
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.	18 - 28	10	Good
2.	38 - 45	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 50.0 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)

