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Geo  
INSTRUMENTS & TECHNIC'S

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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:23-24:LS: 452

Dated: 10-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rajapur Kalan  
Block: Sadar  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 10-07-2023  
Logging Depth: 138.0 m bgl  
Rm - 9.5  $\Omega$ m R<sub>w</sub> - 11.5  $\Omega$ m

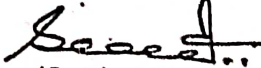
Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, U.P.

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.	20 - 24	04	Good
2.	24 - 30	04	Good
3.	32 - 36	04	Good
4.	42 - 46	04	Good
5.	49 - 55	06	Good
6.	58 - 62	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 3 is fine sand in nature.  
3. Quality of ground water is deteriorating marginal to saline below 70.0 m bgl to till depth logged.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)