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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: 752

Dated: 12-12-2023

### GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Utaras  
Block: Mangraura  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 11-12-2023  
Logging Depth: 150.0 m bgl  
Rm -12.0  $\Omega$ m Rw -14.0  $\Omega$ m

Latitude: 25.9750530 Longitude: 82.1363900

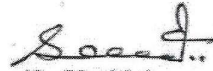
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh.

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.	16 - 20	04	Good
2.	26 - 33	07	Good
3.	42 - 46	04	Good
4.	50 - 56	06	Moderate
5.	76 - 83	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 90.0 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)