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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

es & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: 23-24:LS: 507  
Dated: 08-08-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dhuti  
Block: Patti  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 07-08-2023  
Logging Depth: 238.0 m bgl  
Rm - 11.0  $\Omega$ m Rw - 15.0  $\Omega$ m

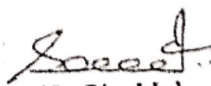
Borehole Drilled by: M/s Kaizen-tech Consultancy services Private  
LLP, Pratapgarh, Uttar Pradesh.

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.	29 - 36	07	Good
3.	48 - 52	04	Good
4.	142 - 146	04	Moderate
5.	160 - 167	07	Moderate
6.	184 - 188	04	Moderate
7.	191 - 194	03	Moderate

- Note:
1. Fine bands of kankar are intermixed with almost all the zones.
  2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
  3. Quality of Ground water is deteriorating marginal to saline below 202.0 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)