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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: 576  
Dated: 21-09-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarai Gopal  
Block: Babaganj  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 21-09-2023  
Logging Depth: 298.0 mbgl  
Rm - 15.0  $\Omega$ m Rw - 17.0  $\Omega$ m

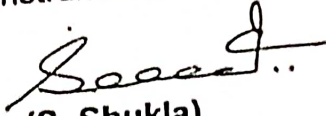
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.	20 - 27	07	Good
2.	113 - 123	10	Good to Moderate
3.	156 - 163	07	Good to Moderate
4.	170 - 174	04	Moderate
5.	181 - 188	07	Moderate
6.	283 - 293	10	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of Ground water is deteriorating marginal to saline in between 198.0 to 254.0 m bgl.  
3. Predominated clay is present in depth range 254.0 to 280.0 m bgl.

For Geo Instruments & Technic's

  
(S. Shukla)