

# 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: PJM:21-22:LS: /41

Dated: 21-09-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhadauri and Rampur Praan  
Block: Sandwa Chandrika  
District: Pratapgarh  
State: Uttar Pradesh  
Logging Depth: 152.0 m bgl  
Date of logging: 21-09-2022  
Rm -11.0  $\Omega$ m Rw -13.0  $\Omega$ 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 (L-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.	25 - 30	05	Good
2.	45 - 49	04	Good
3.	55 - 65	10	Good
4.	70 - 73	03	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 1 is Fine Sand in nature.

3. Quality of Ground Water is deteriorating Marginal to Saline below 80.0 m bgl to till depth Logged.

4. Please ensure the pre-monsoon water level before lower the well Assembly.

*Verified as per  
logs provided.*

For Geo Instruments & Technic's

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21-09-2022