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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 705  
Dated: .09-11-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Amuwahi  
Block: Mangraura  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 09-11-2023  
Logging Depth: 102.0 m bgl  
Rm - 13.0  $\Omega$ m      Rw - 16.0  $\Omega$ m

Latitude: 25.9260380      Longitude: 81.4565040

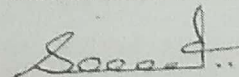
Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, Uttar Pradesh.

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	03	Good
2.	26 - 30	04	Good
3.	38 - 53	15	Good
4.	56 - 63	07	Good
5.	75 - 79	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 2 is highly intermixed with fine band of Kankar.  
3. Quality of ground water is deteriorating marginal to saline below 85.0 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)