

# 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: PJM 23-24:LS: 677  
Dated: 27-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Madharamau  
Block: Aspur Devsara  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 27-10-2023  
Logging Depth: 140.0 m bgl  
Rm – 9.0  $\Omega$ m Rw – 11.0  $\Omega$ m

Latitude: 25.928984 Longitude: 82.341468

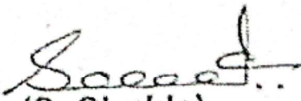
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.	23 – 30	07	Good
2.	35 – 39	04	Good
3.	43 – 49	06	Good
4.	52 – 56	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 2 is fine sand in nature  
3. Quality of ground water is deteriorating marginal to saline below 60.0 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)