

# 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: 578

Dated: 23-09-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pinjari  
Block: Sangipur  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 22-09-2023  
Logging Depth: 115.0 m bgl  
Rm - 15.0  $\Omega$ m Rw - 17.0  $\Omega$ m

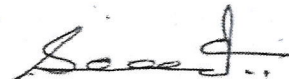
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.      | 18 - 22             | 04                | Good                              |
| 2.      | 25 - 29             | 04                | Good                              |
| 3.      | 36 - 40             | 04                | Good                              |
| 4.      | 51 - 58             | 07                | Good                              |
| 5.      | 63 - 67             | 04                | Moderate to Marginal              |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 3 is fine sand in nature.  
3. Zones Sl. No. 5 is highly intermixed with fine bands of kankar.  
4. Quality of ground water is deteriorating marginal to saline below 77.0 m bgl to till depth logged.  
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)