

# 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:23-24:LS:K- 635

Dated: 19.02.24

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bibipur**  
Block: **Sirkoni**  
District: **Jaunpur**  
State: **Uttar Pradesh**  
Date of Logging: **18-02-2024**  
Drilling Depth: **280.0 m bgl**  
Logging Depth: **258.0 mbgl**  
Rm – **7.0  $\Omega$ m** Rw – **5.5  $\Omega$ m**

Latitude: **25.697331**

Longitude: **82.769709**

Borehole Drilled by: M/s Afcons Infrastructure Limited, Jaunpur, U. P.

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 – 21             | 03                | Good                              |
| 2.      | 24 – 28             | 04                | Good                              |
| 3.      | 33 – 46             | 13                | Good                              |
| 4.      | 209 – 219           | 10                | Good                              |
| 5.      | 228 – 232           | 04                | Moderate                          |
| 6.      | 244 – 251           | 07                | Moderate                          |

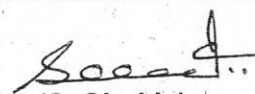
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Quality of ground water is deteriorating marginal to saline in between 60.0 to 202.0 m bgl.

3. Predominated clay is present in depth range 202.0 to 208.0 m bgl.

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

For Geo Instruments & Technic's

  
(S. Shukla)