

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 44

Dated: 28-04-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhaisani  
Block: Karanjakala  
District: Jaunpur  
State: Uttar Pradesh  
Date of Logging: 28-04-2024  
Logging Depth: 296.0 m bgl  
Rm - 12.0  $\Omega$ m Rw - 14.0  $\Omega$ m

Latitude: 25.853672

Longitude: 82.647973

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 - 22             | 04                | Good                              |
| 2.      | 24 - 28             | 04                | Good                              |
| 3.      | 31 - 35             | 04                | Good                              |
| 4.      | 38 - 42             | 04                | Good                              |
| 5.      | 46 - 53             | 04 07             | Good to Moderate                  |
| 6.      | 64 - 68             | 04                | Moderate                          |
| 7.      | 74 - 81             | 07                | Moderate                          |

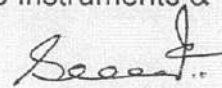
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

3. Quality of ground water is deteriorating marginal to saline in below 84.0 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)