

# 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:22-23:LS:1K- 44

Dated: 27-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Beerjapur  
Block: Haldergarh  
District: Barabanki  
State: Uttar Pradesh  
Date of Logging: 27-12-2022  
Drilling Depth: 170.0 m bgl  
Logging Depth: 166.0 m bgl  
Rm - 48.0 Qm Rw - 62.0 Qm

Borehole Drilled by: M/S Megha Engineering & Infrotech Ltd., Barabanki, 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.      | 20 - 24             | 04                | Good                              |
| 2.      | 30 - 45             | 15                | Good                              |
| 3.      | 54 - 70             | 16                | Good                              |
| 4.      | 96 - 100            | 04                | Good                              |
| 5.      | 160 - 164           | 04                | Good                              |

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 5 is Fine sand and intermixed with kankar.

For Geo Instruments & Technic's

  
(S. Shukla)

*Verified as per logs provided  
Note - All zones are highly intermixed with thin bands of kankar*  
G. Sh  
28/12/22