

# 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:22-23:LS: 908

Dated: 12-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Akhatiyarpur  
Block: Rudauli  
District: Ayodhya  
State: Uttar Pradesh  
Date of Logging: 09-12-2022  
Drilling Depth: 170.0 m bgl  
Logging Depth: ~~169.0 m bgl~~ 170 m bgl

Borehole Drilled by: M/s Universal MEP Project & Er. Services Ltd.,  
Ayodhya, Uttar Pradesh.

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                              |
| <del>2.</del> | <del>39 - 46</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>3.</del> | <del>55 - 62</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>4.</del> | <del>65 - 72</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>5.</del> | <del>105 - 109</del> | <del>04</del>     | <del>Good</del>                   |
| <del>6.</del> | <del>112 - 119</del> | <del>07</del>     | <del>Good</del>                   |
| 7.            | 128 - 131            | 03                | Good                              |
| 8.            | 146 - 150            | 04                | Good                              |
| <del>9.</del> | <del>166 - 170</del> | <del>04</del>     | <del>Good</del>                   |


Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 2 is highly intermixed with thin bands of kankar.

3. Zones Sl. No. 7 and 8 are fine Sand in Nature.

Verified as per logs provided.  
Note - Sr No 3-57-62 (SW)

For Geo Instruments & Technic's

  
(S. Shukla)

G.Sh  
12/12/22