



# 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: 745

Dated: 13-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jorwa  
Block: Menhdawal  
District: Sant Kabir Nagar  
State: Uttar Pradesh  
Date of Logging: 12-06-2023  
Drilling Depth: 178.0 m bgl  
Logging Depth: 174.0 m bgl  
Rm - 13.0  $\Omega$ m R<sub>w</sub> - 24.0  $\Omega$ m

Borehole Drilled by: M/s Megha Engineering & Infrastructure Limited,  
Sant Kabir Nagar, 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) |
|---------------|----------------------|-------------------|-----------------------------------|
| <del>1.</del> | <del>24 - 27</del>   | <del>03</del>     | <del>Good</del>                   |
| <del>2.</del> | <del>38 - 45</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>3.</del> | <del>60 - 72</del>   | <del>12</del>     | <del>Good</del>                   |
| <del>4.</del> | <del>85 - 92</del>   | <del>07</del>     | <del>Good</del>                   |
| 5.            | 116 - 120            | 04                | Good                              |
| <del>6.</del> | <del>125 - 128</del> | <del>03</del>     | <del>Good</del>                   |
| <del>7.</del> | <del>155 - 159</del> | <del>04</del>     | <del>Good</del>                   |
| <del>8.</del> | <del>166 - 170</del> | <del>04</del>     | <del>Good</del>                   |

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

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.S.H.*  
*13/06/23*