

# 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: 22

Dated: 03-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mohammadpur**  
Block: **Pisawan**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **153.0 m bgl** 158  
Date of logging: **02-04-2023**  
Rm - **15.0  $\Omega$ m** Rw - **16.0  $\Omega$ m**

Borehole Drilled by: M/s NCC Limited, Sitapur, Uttar Pradesh.

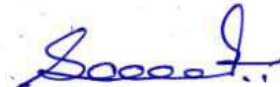
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

| Sl. No.        | Depth Range (m bgl)  | Thickness (meter) | Remark (Quality of Aquifer Water) |
|----------------|----------------------|-------------------|-----------------------------------|
| 1.             | 15 - 22              | 07                | Good                              |
| <del>2.</del>  | <del>41 - 48</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>3.</del>  | <del>54 - 64</del>   | <del>10</del>     | <del>Good</del>                   |
| <del>4.</del>  | <del>71 - 78</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>5.</del>  | <del>81 - 88</del>   | <del>07</del>     | <del>Good</del>                   |
| <del>6.</del>  | <del>92 - 95</del>   | <del>03</del>     | <del>Good</del>                   |
| <del>7.</del>  | <del>100 - 107</del> | <del>07</del>     | <del>Good</del>                   |
| <del>8.</del>  | <del>127 - 131</del> | <del>04</del>     | <del>Good</del>                   |
| <del>9.</del>  | <del>136 - 140</del> | <del>04</del>     | <del>Good</del>                   |
| <del>10.</del> | <del>142 - 148</del> | <del>06</del>     | <del>Good</del>                   |

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 6 is fine sand in nature.

Verified as per logs provided

For Geo Instruments & Technic's

  
(S. Shukla)

Note: Sr No 4 - 72 - 77 (Sm)  
Sr No 10 - 143 - 148 (Sm)

G.Sh  
05/04/23