



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/489

Date : 02.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Bahlol Nagar, Block - Rampur Mathura  
Distt. – Sitapur

**Drilling Depth** : 170 mbgl – as reported by driller

**Logged Depth** : 160 mbgl

**Date of Logging** : 02.03.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : IGIS

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.


| Sl. No.      | Depth Range (m, bgl) | Thickness (m) | Quality & Types of strata                | $R_{mf}$ & $R_w$                               |
|--------------|----------------------|---------------|--|--|
| <del>1</del> | <del>27 – 34</del>   | <del>7</del>  | <del>Good</del>                          | <del><math>R_{mf} = 30.2 \Omega m</math></del> |
| <del>2</del> | <del>42 – 50</del>   | <del>8</del>  | <del>Good</del>                          | <del><math>R_w = 33 \Omega m</math></del>      |
| 3            | 54 – 57              | 3             | Good                                     |  |
| <del>4</del> | <del>70 – 77</del>   | <del>7</del>  | <del>Good</del>                          |  |
| <del>5</del> | <del>82 – 92</del>   | <del>10</del> | <del>Good</del>                          |  |
| <del>6</del> | <del>98 – 116</del>  | <del>18</del> | <del>Good, intermixed kankar bands</del> |  |
| <del>7</del> | <del>127 – 147</del> | <del>20</del> | <del>Good, intermixed kankar bands</del> |  |

**Remark** : Almost all zones are intermixed with fine bands of kankar.

CC :

I.M/S NCC Sitapur

*Verified as per logs provided.*  
*Note - Sr No 6 - 98-108 (10m)*  
*Sr No 7 - 127-150 (23m)*  
G.S.  
03/03/23

  
  
(A.K. Singh)  
Geophysicist