



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

Ref: GIC/JJM/ Balrampura/305

Date : 04.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Amarebharia, Block – Sridattganj  
Distt. – Balrampur

**Drilling Depth** : 170 mbgl as Reported by Driller

**Logged Depth** : 168 mbgl

**Date of Logging** : 04.08.23

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

**Logger Used** : Upton

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

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Types of strata           | $R_{mf}$ & $R_w$                                |
|---------|----------------------|---------------|---------------------------|---|
| 1       | 34 – 40              | 6             | Good, Fine to medium sand | $R_{mf} = 21 \Omega m$<br>$R_w = 23.8 \Omega m$ |
| 2       | 48 – 62              | 14            | Good, Fine to medium sand |   |
| 3       | 67 – 77              | 10            | Good, Fine to medium sand |   |
| 4       | 88 – 96              | 8             | Good, Fine to medium sand |   |
| 5       | 99 – 103             | 4             | Good, Fine to medium sand |   |
| 6       | 110 – 115            | 10            | Good, Fine to medium sand |   |
| 7       | 120 – 137            | 17            | Good, Fine to medium sand |   |
| 8       | 148 – 167            | 19            | Good, Fine to medium sand |   |

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

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

  
  
**(A.K. Singh)**  
**Geophysicist**