



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/49

Date : 13.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : ~~163~~ mbgl

**Date of Logging** : 13.12.22

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



**Logger Used** : ~~Uptron~~

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

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Probable Lithology  | Remarks | $R_{mf}$ & $R_w$  |
|---------|----------------------|---------------|---------------------|---------|---|
| 1       | 20 – 35              | 15            | Fine to medium sand | Good    | <del><math>R_{mf} = 26.4 \Omega m</math><br/><math>R_w = 27.5 \Omega m</math></del> |
| 2       | 40 – 47              | 7             | Fine to medium sand | Good    |   |
| 3       | 55 – 62              | 7             | Fine to medium sand | Good    |   |
| 4       | 66 – 76              | 10            | Fine to medium sand | Good    |   |
| 5       | 84 – 89              | 5             | Fine to medium sand | Good    |   |
| 6       | 91 – 97              | 6             | Fine to medium sand | Good    |   |
| 7       | 103 – 107            | 4             | Fine to medium sand | Good    |   |
| 8       | 114 – 117            | 3             | Fine to medium sand | Good    |   |
| 9       | 130 – 133            | 3             | Fine to medium sand | Good    |   |
| 10      | 135 – 138            | 3             | Fine to medium sand | Good    |   |
| 11      | 142 – 148            | 6             | Fine to medium sand | Good    |   |

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

Verified as per  
logs provided.  
↓  
G.S.  
14/12/22

  
  
(A.K. Singh)  
Geophysicist