



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Gonda/433

Date : 13.12.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gopalipur, Block – Tulsipur
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 272 mbgl

Date of Logging : 13.12.24

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 | 56 – 68 | 12 | Good, Fine to medium sand | $R_{mf} = 21 \Omega m$ $R_w = 23 \Omega m$ |
| 2 | 94 – 100 | 6 | Good, Fine to medium sand | |
| 3 | 130 – 140 | 10 | Good, Fine to medium sand | |
| 4 | 160 – 166 | 6 | Good, Fine to medium sand | |
| 5 | 175 – 183 | 8 | Good, Fine to medium sand | |
| 6 | 200 – 225 | 25 | Good, Fine to medium sand | |
| 7 | 230 – 245 | 15 | 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