



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/150

Date : 12.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Hansaur, Block – Pure Dalai
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 12.07.23

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) | Types of strata | R _{mf} & R _w |
|---------|----------------------|---------------|-----------------|---|
| 1 | 25 – 30 | 5 | Good | R _{mf} = 23 Ωm R _w = 24.9 Ωm |
| 2 | 45 – 48 | 3 | Good | |
| 3 | 57 – 71 | 14 | Good | |
| 4 | 76 – 83 | 7 | Good | |
| 5 | 87 – 91 | 4 | Good | |
| 6 | 107 – 118 | 11 | Good | |
| 7 | 123 – 133 | 10 | Good | |
| 8 | 135 – 140 | 5 | Good | |
| 9 | 146 – 152 | 6 | Good | |

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

C C : Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya



(A.K. Singh)
Geophysicist