



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Basantpur Khurd, Block – Mithaura,
Distt. – Maharajganj

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 134.10 mbgl

Date of Logging : 01.07.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma



Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Kalpataru Power Transmission Ltd.,

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 Strara | R_{mf} & R_w |
|---------|----------------------|---------------|---------------------------|---|
| 1 | 38 – 48 | 10 | Good | $R_{mf} = 14.37 \Omega m$ $R_w = 15.97 \Omega m$ |
| 2 | 52 – 60 | 8 | Good | |
| 3 | 68 – 76 | 8 | Good | |
| 4 | 84 – 90 | 6 | Good | |
| 5 | 108 – 118 | 10 | Good | |

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)
Geophysicist