



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: TDMA/WWP/JR/211

Date: 13-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Laxmipur, Block – Ghughali, Distt. – Maharajganj

Drilling Depth (m) : 145.00 mbgl as reported by Driller

Logged Depth (m) : ~~134.00~~ mbgl

Date of Logging : 13.06.2023

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 Strata | R_{mf} & R_w |
|--------------|----------------------|---------------|---------------------------|---|
| 1 | 30 – 38 | 8 | Good | $R_{mf} = 09.78 \Omega m$ $R_w = 12.53 \Omega m$ |
| 2 | 44 – 48 | 4 | Good | |
| 3 | 50 – 56 | 6 | Good | |
| 4 | 58 – 70 | 12 | Good | |
| 5 | 90 – 100 | 10 | Good | |
| 6 | 108 – 118 | 10 | Good | |

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

Verified as per logs provided.

GSh
14/06/23

200-3610
150-6390
150-538

