



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/293

Date: 15-07-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ahmadpur, Block – Maharajganj Sadar,
Distt. – Maharajganj

Drilling Depth (m) : 220.00 mbgl as reported by Driller

Logged Depth (m) : 191.00 mbgl

Date of Logging : 15.07.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Rithwik-Koya-JV.,

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 | 34 – 38 | 4 | Good | $R_{mf} = 25.77 \Omega m$ $R_w = 27.93 \Omega m$ |
| 2 | 48 – 52 | 4 | Good | |
| 3 | 76 – 90 | 14 | Good | |
| 4 | 152 – 159 | 7 | Good | |
| 5 | 162 – 179 | 17 | Good | |

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



(G. K. Singh)
Geophysicist