



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: GIC/JJM/ Balrampura/340

Date : 23.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Jignihwa, Block – Gaisandi
Distt. – Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 23.09.23

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 strara | R _{mf} & R _w |
|---------|----------------------|---------------|---------------------------|---|
| 1 | 65 – 80 | 15 | Good, Fine to medium sand | R _{mf} = 22 Ωm R _w = 23.4 Ωm |
| 2 | 92 – 100 | 8 | Good, Fine to medium sand | |
| 3 | 120 – 125 | 5 | Good, Fine to medium sand | |
| 4 | 130 – 138 | 8 | Good, Fine to medium sand | |
| 5 | 152 – 166 | 14 | Good, Fine to medium sand | |
| 6 | 177 – 191 | 14 | Good, Fine to medium sand | |
| 7 | 205 – 231 | 26 | Good, Fine to medium sand | |
| 8 | 262 – 267 | 5 | 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