



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/156

Date : 21.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Devariya Inayat, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~170 mbgl~~

Date of Logging : 21.03.23

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 strata | R _{mf} & R _w |
|---------------|----------------------|---------------|--------------------------------------|---------------------------------------------------------------|
| 1 | 28 – 35 | 7 | Good, Fine to medium sand | R_{mf} = 26.3 Ωm R_w = 28 Ωm |
| 2 | 43 – 50 | 7 | Good, Fine to medium sand | |
| 3 | 53 – 62 | 9 | Good, Fine to medium sand | |
| 4 | 65 – 69 | 4 | Good, Fine to medium sand | |
| 5 | 76 – 80 | 4 | Good, Fine to medium sand | |
| 6 | 85 – 91 | 6 | Good, Fine to medium sand | |
| 7 | 110 – 117 | 7 | Good, Fine to medium sand | |
| 8 | 141 – 145 | 4 | Good, Fine to medium sand | |
| 9 | 150 – 156 | 6 | Good, Fine to medium sand | |
| 10 | 165 – 169 | 4 | Good, Fine to medium sand | |

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

*Verified as per logs provided.
Note - Sr NO3-55-62 (7m)
GIC
22/03/23*



(**G. K. Singh**)
Geophysicist