



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Balrampura/283

Date : 28.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~250 mbgl~~

Date of Logging : 28.06.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~Uptron~~

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 | 39 – 42 | 3 | Good, Fine to medium sand | R _{mf} = 20 Ωm R _w = 22.2 Ωm |
| 2 | 60 – 65 | 5 | Good, Fine to medium sand | |
| 3 | 80 – 86 | 6 | Good, Fine to medium sand | |
| 4 | 88 – 94 | 6 | Good, Fine to medium sand | |
| 5 | 131 – 134 | 3 | Good, Fine to medium sand | |
| 6 | 165 – 173 | 8 | Good, Fine to medium sand | |
| 7 | 191 – 195 | 4 | Good, Fine to medium sand | |
| 8 | 199 – 208 | 9 | Good, Fine to medium sand | |
| 9 | 222 – 227 | 5 | Good, Fine sand | |

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

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

Verified as per
logs provided.

Gsh
30/06/23



(A.K. Singh)
Geophysicist