



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/403

Date : 30.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lohepania, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 mbgl

Date of Logging : 30.11.23

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	50 – 62	12	Good, Fine to medium sand	R _{mf} = 22.1 Ωm R _w = 23.3 Ωm
2	70 – 93	23	Good, Fine to medium sand	
3	105 – 127	22	Good, Fine to medium sand	
4	133 – 147	14	Good, Fine to medium sand	
5	195 – 210	15	Good, Fine to medium sand	
6	222 – 230	8	Good, Fine to medium sand	
7	235 – 242	7	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 242 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

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Abhay
Tiwari
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DIVISIONAL OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

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(A.K. Singh)
Geophysicist