



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/371

Date : 27.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mahadeo Sheopur , Block – Gaisandi
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 27.10.23

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	66 – 80	14	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 24 Ωm
2	92 – 102	10	Good, Fine to medium sand	
3	109 – 115	6	Good, Fine to medium sand	
4	130 – 140	10	Good, Fine to medium sand	
5	160 – 172	12	Good, Fine to medium sand	
6	207 – 225	18	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 225 mbgl to till depth logged.

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

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JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

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(A.K. Singh)
Geophysicist