



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/349

Date : 06.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 06.10.23

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

Logger Used : IGIS

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	22 – 35	13	Good, Fine to medium sand	R _{mf} = 26.8 Ωm R _w = 28 Ωm
2	47 – 62	15	Good, Fine to medium sand	
3	74 – 85	11 ✓	Good, Fine to medium sand	
4	90 – 95	5	Good, Fine to medium sand	
5	102 – 112	10 ✓	Good, Fine to medium sand	
6	132 – 138	6 ✓	Good, Fine to medium sand	
7	143 – 156	13	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

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

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(A.K. Singh)
Geophysicist