



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/310

Date : 11.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 11.08.23

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	25 – 40	15	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 23.8 Ωm
2	45 – 55	10	Good, Fine to medium sand	
3	62 – 73	11	Good, Fine to medium sand	
4	83 – 90	7	Good, Fine to medium sand	
5	105 – 114	9	Good, Fine to medium sand	
6	126 – 137	11	Good, Fine to medium sand	
7	147 – 160	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



(A.K. Singh)
Geophysicist