



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/339

Date : 21.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 21.09.23

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 strara	R _{mf} & R _w
1	30 – 37	7	Good, Fine to medium sand	R _{mf} = 24 Ωm R _w = 25.3 Ωm
2	60 – 68	8	Good, Fine to medium sand	
3	80 – 86	6	Good, Fine to medium sand	
4	99 – 107	8	Good, Fine to medium sand	
5	122 – 130	8	Good, Fine to medium sand	
6	140 – 150	10	Good, Fine to medium sand	
7	156 – 163	7	Good, Fine to medium sand	
8	180 – 195	15	Good, Fine to medium sand	
9	209 – 223	14	Good, Fine to medium sand	
10	233 – 245	12	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