



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/312

Date : 12.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 12.08.23

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

Logger Used : Uptron

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	65 – 70	5	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 23.8 Ωm
2	75 – 85	10	Good, Fine to medium sand	
3	100 – 112	12	Good, Fine to medium sand	
4	148 – 160	12	Good, Fine to medium sand	
5	165 – 170	5	Good, Fine to medium sand	
6	180 – 185	5	Good, Fine to medium sand	
7	195 – 202	7	Good, Fine to medium sand	
8	235 – 257	22	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

Seen

SW

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