



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/316

Date : 15.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 15.08.23

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	45 – 50	5	Good, Fine to medium sand	R _{mf} = 20 Ωm R _w = 23 Ωm
2	60 – 64	4	Good, Fine to medium sand	
3	70 – 76	6	Good, Fine to medium sand	
4	80 – 85	5	Good, Fine to medium sand	
5	90 – 94	4	Good, Fine to medium sand	
6	105 – 110	5	Good, Fine to medium sand	
7	120 – 125	5	Good, Fine to medium sand	
8	145 – 157	12	Good, Fine to medium sand	
9	162 – 170	8	Good, Fine to medium sand	
10	189 – 193	4	Good, Fine to medium sand	
11	221 – 230	9	Good, Fine to medium sand	
12	232 – 235	3	Good, Fine to medium sand	
13	256 – 262	6	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