



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/334

Date : 12.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 12.09.23

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	25 – 36	11	Good, Fine to medium sand	R _{mf} = 21.8 Ωm R _w = 23 Ωm
2	45 – 51	6	Good, Fine to medium sand	
3	77 – 81	4	Good, Fine to medium sand	
4	85 – 90	5	Good, Fine to medium sand	
5	95 – 100	5	Good, Fine to medium sand	
6	118 – 122	4	Good, Fine to medium sand	
7	128 – 140	12	Good, Fine to medium sand	
8	146 – 153	7	Good, Fine to medium sand	
9	157 – 165	8	Good, Fine to medium sand	
10	176 – 182	6	Good, Fine to medium sand	
11	195 – 210	15	Good, Fine to medium sand	
12	217 – 236	19	Good, Fine to medium sand	
13	256 – 265	9	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