



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/286

Date : 11.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 11.07.23

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



Logger Used : Upron

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	62 – 70	8	Good, Fine to medium sand	$R_{mf} = 22 \Omega m$ $R_w = 24.2 \Omega m$
2	78 – 87	9	Good, Fine to medium sand	
3	110 – 116	6	Good, Fine to medium sand	
4	120 – 127	7	Good, Fine to medium sand	
5	157 – 169	12	Good, Fine to medium sand	
6	176 – 185	9	Good, Fine to medium sand	
7	199 – 207	8	Good, Fine to medium sand	
8	211 – 218	7	Good, Fine to medium sand	
9	225 – 230	5	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