



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/297

Date : 28.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 28.07.23

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 strata	R_{mf} & R_w
1	35 – 42	7	Good, Fine to medium sand	$R_{mf} = 22.3 \Omega m$ $R_w = 24 \Omega m$
2	68 – 87	19	Good, Fine to medium sand	
3	94 – 108	14	Good, Fine to medium sand	
4	140 – 145	5	Good, Fine to medium sand	
5	165 – 172	7	Good, Fine to medium sand	
6	195 – 208	13	Good, Fine to medium sand	
7	224 – 237	13	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 237 mbgl.

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda



(A.K. Singh)
Geophysicist