



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/304

Date : 03.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 03.08.23

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 strata	R_{mf} & R_w
1	70 – 90	20	Good, Fine to medium sand	$R_{mf} = 21 \Omega m$ $R_w = 23.8 \Omega m$
2	95 – 100	5	Good, Fine to medium sand	
3	105 – 112	7	Good, Fine to medium sand	
4	140 – 150	10	Good, Fine to medium sand	
5	175 – 190	15	Good, Fine to medium sand	
6	209 – 212	3	Good, Fine to medium sand	
7	219 – 222	3	Good, Fine to medium sand	
8	235 – 250	15	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