



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/306

Date : 04.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 04.08.23

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	45 – 51	6	Good, Fine to medium sand	$R_{mf} = 22 \Omega m$ $R_w = 23.8 \Omega m$
2	60 – 67	7	Good, Fine to medium sand	
3	75 – 81	6	Good, Fine to medium sand	
4	87 – 95	8	Good, Fine to medium sand	
5	122 – 130	8	Good, Fine to medium sand	
6	145 – 149	4	Good, Fine to medium sand	
7	153 – 156	3	Good, Fine to medium sand	
8	164 – 167	3	Good, Fine to medium sand	
9	193 – 197	4	Good, Fine to medium sand	
10	214 – 222	8	Good, Fine to medium sand	
11	225 – 232	7	Good, Fine to medium sand	
12	247 – 255	8	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