



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/379

Date : 03.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhabhri, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 mbgl

Date of Logging : 03.11.23

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 strata	R_{mf} & R_w
1	37 – 43	6	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 26 \Omega m$
2	75 – 81	6	Good, Fine to medium sand	
3	92 – 98	6	Good, Fine to medium sand	
4	102 – 107	5	Good, Fine to medium sand	
5	146 – 160	14	Good, Fine to medium sand	
6	177 – 187	10	Good, Fine to medium sand	
7	236 – 250	14	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. L. Singh)
Geophysicist