



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/386

Date : 07.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Aurahiya & Suga Nagar, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 07.11.23

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	36 – 44	8	Good, Fine to medium sand	$R_{mf} = 21 \Omega m$ $R_w = 23 \Omega m$
2	60 – 67	7	Good, Fine to medium sand	
3	94 – 100	6	Good, Fine to medium sand	
4	115 – 124	9	Good, Fine to medium sand	
5	126 – 148	22	Good, Fine to medium sand	
6	170 – 180	10	Good, Fine to medium sand	
7	183 – 190	7	Good, Fine to medium sand	
8	220 – 250	30	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 250 mbgl to till depth logged.

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



(R.K. Singh)
Geophysicist