



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/436

Date : 15.01.25

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ganwaria Laxmanpur & Udaipur Ganwaria,
Block – Harraiya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 273 mbgl

Date of Logging : 15.01.25

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	44 – 48	4	Good, Fine to medium sand	$R_{mf} = 21.1 \Omega m$ $R_w = 23 \Omega m$
2	57 – 63	6	Good, Fine to medium sand	
3	65 – 68	3	Good, Fine to medium sand	
4	79 – 93	14	Good, Fine to medium sand	
5	100 – 107	7	Good, Fine to medium sand	
6	159 – 172	13	Good, Fine to medium sand	
7	178 – 185	7	Good, Fine to medium sand	
8	213 – 217	4	Good, Fine to medium sand	
9	230 – 237	7	Good, Fine to medium sand	
10	243 – 247	4	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