



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/362

Date : 20.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 240 mbgl

Date of Logging : 20.10.23

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	35 - 40	5	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 25 \Omega m$
2	50 - 55	5	Good, Fine to medium sand	
3	70 - 80	10	Good, Fine to medium sand	
4	95 - 110	15	Good, Fine to medium sand	
5	119 - 125	6	Good, Fine to medium sand	
6	145 - 150	5	Good, Fine to medium sand	
7	166 - 172	6	Good, Fine to medium sand	
8	183 - 188	5	Good, Fine to medium sand	
9	205 - 210	5	Good, Fine to medium sand	
10	220 - 227	7	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones (only clay / clay kankar) encountered below 227 mbgl to till depth logged.

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

Drink

(**R.K. Singh**)
Geophysicist