



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/375

Date : 28.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 28.10.23

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	35 – 45	10	Good, Fine to medium sand	$R_{mf} = 22 \Omega m$ $R_w = 23 \Omega m$
2	70 – 80	10	Good, Fine to medium sand	
3	85 – 90	5	Good, Fine to medium sand	
4	106 – 116	10	Good, Fine to medium sand	
5	132 – 137	5	Good, Fine to medium sand	
6	172 – 178	6	Good, Fine to medium sand	
7	220 – 237	17	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 237 mbgl to till depth logged.

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

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