



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/165

Date : 27.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bibiyapur, Block – Dariyabad
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 27.08.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : IGIS

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	$R_{mf} = 25 \Omega m$ $R_w = 27 \Omega m$
2	52 – 60	8	Good	
3	65 – 80	15	Good	
4	87 – 93	6	Good	
5	95 – 108	13	Good	
6	115 – 124	9	Good	
7	138 – 144	6	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 144 mbgl to till depth logged.

C C : Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya



(A. K. Singh)
Geophysicist

