



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/199

Date : 27.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Devipur, Block – Trivediganj
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 27.11.23

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 strata	R _{mf} & R _w
1	28 – 38	10	Good	R _{mf} = 19.8 Ωm R _w = 20.2 Ωm
2	56 – 63	7	Good	
3	69 – 76	7	Good	
4	87 – 94	7	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 97 mbgl to till depth logged.

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



(A.K. Singh)
Geophysicist