



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/86

Date : 21.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gosupur , Block – Haidergarh
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 21.04.23

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 strata	R _{mf} & R _w
1	32 – 41	9	Good	R _{mf} = 20 Ωm R _w = 22.8 Ωm
2	45 – 48	3	Good	
3	52 – 74	22	Good	
4	90 – 102	12	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 110 mbgl to till depth logged.

CC :

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



(A. B. Singh)
Geophysicist

