



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/194

Date : 09.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Musaipur, Block – Banikodar
Distt. – Barabanki

Drilling Depth : 167 mbgl

Logged Depth : 165 mbgl

Date of Logging : 09.11.23

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 – 55	23	Good	R _{mf} = 22 Ωm R _w = 23 Ωm
2	64 – 80	16	Good	
3	85 – 98	13	Good	
4	108 – 117	9	Good	
5	125 – 130	5	Good	
6	137 – 145	8	Good	
7	151 – 155	4	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 155 mbgl to till depth logged.

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



(A. J. Singh)
Geophysicist