



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/182

Date : 10.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 10.10.23

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	34 – 65	31	Good	$R_{mf} = 19.8 \Omega m$ $R_w = 22 \Omega m$
2	90 – 93	3	Good	
3	97 – 101	4	Good	
4	114 – 125	11	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 132 mbgl to till depth logged.

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



(A.R. Singh)
Geophysicist

