



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/152

Date : 27.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gauraiya Gajpatipur, Block – Bani Kodar
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 163 mbgl

Date of Logging : 27.07.23

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

Logger Used : Uptron

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	37 – 43	6	Good	$R_{mf} = 23 \Omega m$ $R_w = 24.9 \Omega m$
2	49 – 55	6	Good	
3	57 – 65	8	Good	
4	75 – 81	6	Good	
5	92 – 99	7	Good	
6	113 – 116	3	Good	
7	122 – 128	6	Good	
8	130 – 133	3	Good	
9	138 – 143	5	Good	

Remark : Almost all zones are intermixed with fine bands of kankar.

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



(A.K. Singh)
Geophysicist