



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/290

Date : 14.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kondra, Block – Mawai
Distt. – Ayodhya

Drilling Depth : 167 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 14.12.23

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



Logger Used : Upron

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	30 – 45	15	Good	$R_{mf} = 23.6 \Omega m$ $R_w = 25 \Omega m$
2	48 – 55	7	Good	
3	62 – 80	18	Good	
4	90 – 101	11	Good	
5	104 – 113	9	Good	
6	136 – 144	8	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 144 mbgl to till depth logged.

CC : M/S Universal MEP Projects & Engg.Service Ltd. Ayodhya



(A.K. Singh)
Geophysicist