



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/275

Date : 30.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mathenwara, Block – Rudauli
Distt. – Ayodhya

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : 150 mbgl

Date of Logging : 30.09.23

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	32 – 47	15	Good	R _{mf} = 23.6 Ωm R _w = 25.3 Ωm
2	56 – 74	18	Good	
3	80 – 87	7	Good	
4	96 – 103	7	Good	
5	135 – 142	7	Good	

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

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



(A.K. Singh)
Geophysicist