



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/289

Date : 05.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gerunda, Block – Rudaulil
Distt. – Ayodhya

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 05.12.23

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	25 – 45	20	Good	R _{mf} = 22 Ωm R _w = 23 Ωm
2	54 – 60	6	Good	
3	65 – 73	8	Good	
4	80 – 93	13	Good	
5	96 – 105	9	Good	
6	115 – 131	16	Good	
7	140 – 151	11	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 151 mbgl to till depth logged.

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



(A.K. Singh)
Geophysicist