



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/39

Date : 18.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl as reported by driller

**Logged Depth** : ~~165~~ mbgl

**Date of Logging** : 17.11.22

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

**Logger Used** : Upton

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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	25 – 30	5	Good	R <sub>mf</sub> = <del>16.4</del> Ωm R <sub>w</sub> = <del>17</del> Ωm
<del>2</del>	43 – 52	9	Good	
<del>3</del>	80 – 101	20	Good, Highly kankar mixed	
<del>4</del>	140 – 145	5	Good, Finer sediments	
<del>5</del>	151 – 156	5	Good, Finer sediments	

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

*Verified as per logs provided.*

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