



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bargadwa Ayodhya, Block – Lakshmipur,
Distt. – Maharajanj

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 160.00 mbgl

Date of Logging : 28.07.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Rithwik-Koya-JV.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R_{mf} & R_w
1	34 – 40	6	Good	$R_{mf} = 17.54 \Omega m$ $R_w = 19.27 \Omega m$
2	68 – 74	6	Good	
3	100 – 106	6	Good	
4	112 – 116	4	Good	
5	133 – 139	6	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

2. No proper granular zones encountered below 139 mbgl to till depth logged.

