



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/290

Date: 14-07-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mairi, Block – Nichlaul, Distt. – Maharajganj

Drilling Depth (m) : 210.00 mbgl as reported by Driller

Logged Depth (m) : 189.40 mbgl

Date of Logging : 14.07.2023

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 Strara	$R_{mf}$ & $R_w$
1	30 – 42	12	Good	$R_{mf} = 20.83 \Omega m$ $R_w = 22.34 \Omega m$
2	64 – 74	10	Good	
3	102 – 108	6	Good	
4	121 – 126	5	Good	
5	136 – 139	3	Good	
6	154 – 160	6	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 160 mbgl to till depth logged.

