



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mudadiha, Block – Pauli, Distt. – Sant Kabir Nagar

Drilling Depth (m) : 156.00 mbgl as reported by Driller

Logged Depth (m) : 154.00 mbgl

Date of Logging : 03.11.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Jackson-Vishvaraj-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	16 – 24	8	Good	$R_{mf} = 19.49 \Omega m$ $R_w = 21.62 \Omega m$
2	30 – 36	6	Good	
3	44 – 48	4	Good	
4	54 – 60	6	Good	
5	67 – 76	9	Good	
6	127 – 134	7	Good	

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

2. No proper granular zones encountered below 134 mbgl to till depth logged.



(A.K. Singh)
Geophysicist