

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)  
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Date: 21-10-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Khaira, Block - Pauli, Distt. - Sant Kabir Nagar

Drilling Depth (m) : 158.00 mbgl as reported by Driller

Logged Depth (m) : 154.20 mbgl

Date of Logging : 21.10.2023

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	36 - 48	12	Good	$R_{mf} = 26.97 \Omega m$
2	54 - 58	4	Good	$R_w = 29.10 \Omega m$
3	68 - 74	6	Good	
4	84 - 96	12	Good	
5	100 - 106	6	Good	
6	110 - 114	4	Good	
7	126 - 132	6	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 132 mbgl to till depth logged.

(A.K. Singh)  
Geophysicist

