

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)
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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khurcha, Block – Pauli, Distt. – Santg Kabir Nagar

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : 158.00 mbgl

Date of Logging : 25.09.2023

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

Logger Used : Robertson Geologging,,

Bore Hole Drilled by : Jackson-Vishvaraj-IV.,

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	38 - 44	6	Good	$R_{mf} = 12.39 \Omega m$
2	50 - 60	10	Good	$R_w = 14. \Omega m$
3	76 - 80	4	Good	
4	83 - 94	11	Good	
5	102 - 112	10	Good	
6	146 - 154	8	Good	

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



(A.K. Singh)
Geophysicist