



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gonaura, Block – Nath Nagar,
Distt. – Sant Kabir Nagar

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

Logged Depth (m) : 158.40 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	18 – 28	10	Good	$R_{mf} = 22.52 \Omega m$ $R_w = 38.39 \Omega m$
2	32 – 42	10	Good	
3	48 – 53	5	Good	
4	56 – 64	8	Good	
5	88 – 96	8	Good	
6	114 – 120	6	Good	
7	126 – 140	14	Good	
8	144 – 150	6	Good	

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



(A.K. Singh)
Geophysicist