



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bajhara-Basti-Basta, Block – Semariyawan,
Distt. – Sant Kabir Nagar

Drilling Depth (m) : 165.00 mbgl as reported by Driller

Logged Depth (m) : 156.00 mbgl

Date of Logging : 30.08.2023

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	24 – 32	8	Good	$R_{mf} = 20.49 \Omega m$ $R_w = 23.33 \Omega m$
2	42 – 50	8	Good	
3	54 – 60	6	Good	
4	64 – 76	12	Good	
5	100 – 107	7	Good	
6	145 – 150	5	Good	

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



(**A. K. Singh**)
Geophysicist