



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/317

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Badiya Mafi, Block – Semriyawan,
Distt. – Sant Kabir Nagar

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

Logged Depth (m) : 154.00 mbgl

Date of Logging : 23.07.2023

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	26 – 32	6	Good	$R_{mf} = 14.06 \Omega m$ $R_w = 16.36 \Omega m$
2	44 – 60	16	Good	
3	84 – 94	10	Good	
4	106 – 110	4	Good	
5	114 – 119	5	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 119 mbgl to till depth logged.



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