



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/517

Date: 08-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Safiabad, Block – Semariyawan,
Distt. – Sant Kabir Nagar

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

Logged Depth (m) : 156.20 mbgl

Date of Logging : 08.10.2023

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	34 – 46	12	Good	$R_{mf} = 12.00 \Omega m$ $R_w = 14.89 \Omega m$
2	52 – 61	9	Good	
3	64 – 76	12	Good	
4	80 – 88	8	Good	
5	102 – 106	4	Good	
6	110 – 113	3	Good	
7	130 – 146	16	Good	

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



(A.K. Singh)
Geophysicist