



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/578

Date: 29-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Duphediya, Block – Itwa, Distt. – Siddharth Nagar

Drilling Depth (m) : 205.00 mbgl as reported by Driller

Logged Depth (m) : 201.80 mbgl

Date of Logging : 29.10.2023

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	28 – 36	8	Good	$R_{mf} = 19.41 \Omega m$ $R_w = 21.31 \Omega m$
2	66 – 72	6	Good	
3	78 – 86	8	Good	
4	94 – 106	12	Good	
5	115 – 122	7	Good	
6	134 – 150	16	Good	
7	178 – 186	8	Good	

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



(A.K. Singh)
Geophysicist