



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/500

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 210.00 mbgl as reported by Driller

Logged Depth (m) : 200.00 mbgl

Date of Logging : 02.10.2023

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	26 – 34	8	Good	$R_{mf} = 12.34 \Omega m$ $R_w = 14.31 \Omega m$
2	52 – 70	18	Good	
3	74 – 80	16	Good	
4	84 – 90	6	Good,	
5	104 – 110	6	Good	
6	120 – 131	11	Good	
7	138 – 160	22	Good	
8	180 – 186	6	Good, Fine Sand	
9	192 – 196	4	Good	

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



(A.K. Singh)
Geophysicist