



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/583

Date: 31-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mangraw, Block – Bhanwapur, Distt. – Siddharth Nagar

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

Logged Depth (m) : 162.30 mbgl

Date of Logging : 31.10.2023

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	30 – 39	9	Good	$R_{mf} = 21.27 \Omega m$ $R_w = 23.12 \Omega m$
2	48 – 62	14	Good	
3	64 – 72	8	Good	
4	84 – 100	16	Good	
5	114 – 124	10	Good	
6	134 – 146	12	Good	

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



(A.K. Singh)
Geophysicist