



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/732

Date: 27-12-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Badhaipurwa, Block – Nichlani, Distt. – Maharajganj

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

Logged Depth (m) : 135.10 mbgl

Date of Logging : 27.12.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Rithwik-Koya-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	20 – 24	4	Good	$R_{mf} = 14.23 \Omega m$ $R_w = 16.37 \Omega m$
2	28 – 34	6	Good	
3	38 – 42	4	Good	
4	62 – 74	12	Good	
5	80 – 83	3	Good, Medium to fine sand	
6	104 – 107	3	Good, Fine sand	
7	114 – 120	6	Good	

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



(A.K. Singh)
Geophysicist