



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/782

Date: 17-01-2024

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Karmhiya, Block – Nichlaul, Distt. – Maharajganj

Drilling Depth (m) : 176.00 mbgl as reported by Driller

Logged Depth (m) : 169.00 mbgl

Date of Logging : 17.01.2024

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	16 – 20	4	Good	$R_{mf} = 12.77 \Omega m$ $R_w = 14.34 \Omega m$
2	24 – 28	4	Good	
3	38 – 45	7	Good	
4	60 – 64	4	Good	
5	67 – 72	5	Good	
6	104 – 110	6	Good	
7	117 – 126	9	Good	
8	134 – 137	3	Good	

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



(A.K. Singh)
Geophysicist