



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/415

Date: 24-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : 165.00 mbgl

Date of Logging : 24.08.2023

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	32 – 42	10	Good	$R_{mf} = 19.53 \Omega m$ $R_w = 22.72 \Omega m$
2	52 – 62	10	Good	
3	73 – 80	7	Good	
4	94 – 97	3	Good	
5	117 – 120	3	Good	
6	127 – 131	4	Good	

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

2. No proper granular zones encountered below 131 mbgl to fill depth logged.



(G. K. Singh)
Geophysicist