



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village -- Karwati urf Katka, Block -- Nichlaur,
Distt. -- Maharajganj

Drilling Depth (m) : 142.00 mbgl as reported by Driller

Logged Depth (m) : 135.10 mbgl

Date of Logging : 04.11.2023

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	30 - 48	18	Good	$R_{mf} = 19.46 \Omega m$
2	50 - 57	7	Good	$R_w = 21.73 \Omega m$
3	60 - 66	6	Good	
4	72 - 76	4	Good	
5	100 - 104	4	Good	
6	111 - 115	4	Good	
7	122 - 128	6	Good	

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



(A.K. Singh)
Geophysicist