



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/408

Date: 20-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sawna, Block – Maharajganj Sadar,
Distt. – Maharajganj

Drilling Depth (m) : 220.00 mbgl as reported by Driller

Logged Depth (m) : 195.00 mbgl

Date of Logging : 20.08.2023

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 – 40	8	Good	$R_{mf} = 16.21 \Omega m$ $R_w = 17.67 \Omega m$
2	48 – 58	10	Good	
3	62 – 74	12	Good	
4	114 – 120	6	Good	
5	124 – 127	3	Good	
6	160 – 178	18	Good	

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

Amit

(Amit Singh)
Geophysicist