



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Nausagar, Block – Dhani, Distt. – Maharajganj

Drilling Depth (m) : 210.00 mbgl as reported by Driller

Logged Depth (m) : 200.00 mbgl

Date of Logging : 18.07.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Kalpataru Power Transmission Ltd.,

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 Strara	$R_{mf}$ & $R_w$
1	24 – 30	6	Good	$R_{mf} = 17.47 \Omega m$ $R_w = 21.73 \Omega m$
2	34 – 38	4	Good	
3	106 – 110	4	Good	
4	122 – 127	5	Good	
5	142 – 158	16	Good	
6	180 – 184	4	Good	
7	194 – 198	4	Good	

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

