



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Hathiyagarh, Block – Laxmipur, Distt. – Maharajganj

Drilling Depth (m) : 145.00 mbgl as reported by Driller

Logged Depth (m) : 143.00 mbgl

Date of Logging : 11.08.2023

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 Strata	R _{mf} & R _w
1	30 – 38	8	Good	R _{mf} = 14.24 Ωm
2	60 – 66	6	Good	R _w = 16.11 Ωm
3	106 – 120	14	Good	

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

2. No proper granular zones encountered below 120 mbgl to till depth logged.



(A.K. Singh)
Geophysicist