



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Semra, Block – Mithaura, Distt. – Maharajganj

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 132.60 mbgl

Date of Logging : 01.07.2023

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 Strata	R _{mf} & R _w
1	32 – 39	7	Good	R _{mf} = 24.77 Ωm R _w = 25.97 Ωm
2	41 – 51	10	Good	
3	58 – 74	16	Good, Kankar Intermixed	
4	102 – 106	4	Good	
5	121 – 124	3	Good	

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



(A.K. Singh)
Geophysicist