

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/466

Date: 20-09-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Biskhop, Block – Nautanwa, Distt. – Maharajganj

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

Logged Depth (m) : 192.00 mbgl

Date of Logging : 20.09.2023

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	34 – 40	6	Good	$R_{mf} = 20.04 \Omega m$ $R_w = 28.09 \Omega m$
2	50 – 58	8	Good	
3	82 – 86	4	Good	
4	100 – 107	7	Good	
5	111 – 114	3	Good	
6	121 – 129	8	Good	

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

2. No proper granular zones encountered below 129 mbgl to till depth logged.



(A.K. Singh)
Geophysicist