



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/395

Date: 17-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Shivpur Mathiya, Block – Ramkola, Distt. – Kushinagar

Drilling Depth (m) : 146.00 mbgl as reported by Driller

Logged Depth (m) : 144.00 mbgl

Date of Logging : 17.08.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: NCC 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 – 42	12	Good	$R_{mf} = 11.49 \Omega m$ $R_w = 14.73 \Omega m$
2	60 – 72	12	Good	
3	88 – 98	10	Good	
4	120 – 126	6	Good	
5	134 – 138	4	Good	

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



(G. Singh)
Geophysicist