



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 165.00 mbgl as reported by Driller

Logged Depth (m) : 163.30 mbgl

Date of Logging : 19.02.2024

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 – 40	10	Good	$R_{mf} = 18.57 \Omega m$ $R_w = 21.78 \Omega m$
2	48 – 64	16	Good	
3	87 – 94	7	Good	
4	104 – 107	3	Good	
5	112 – 116	4	Good	
6	136 – 140	4	Good	
7	144 – 152	8	Good	

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



(A.K. Singh)  
Geophysicist