



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/381

Date: 12-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Pakhanaha, Block – Padrauna, Distt. – Kushinagar

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

Logged Depth (m) : 160.10 mbgl

Date of Logging : 12.08.2023

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	24 – 32	8	Good	$R_{mf} = 15.38 \Omega m$ $R_w = 16.80 \Omega m$
2	34 – 44	10	Good	
3	54 – 64	10	Good	
4	88 – 94	6	Good	
5	110 – 122	12	Good	
6	148 – 154	6	Good	

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



(A. K. Singh)
Geophysicist