



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/448

Date: 10-09-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mathiya urf Akataha, Block – Motichak,
Distt. – Kushinagar

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 198.00 mbgl

Date of Logging : 10.09.2023

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	22 – 40	18	Good	R _{mf} = 20.49 Ωm R _w = 23.69 Ωm
2	46 – 62	16	Good	
3	74 – 80	6	Good	
4	86 – 92	6	Good	
5	144 – 150	6	Good	
6	160 – 168	8	Good	
7	178 – 188	10	Good	

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



(A. K. Singh)
Geophysicist