



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 156.00 mbgl as reported by Driller

Logged Depth (m) : 152.70 mbgl

Date of Logging : 06.02.2024

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 – 36	6	Good	R _{mf} = 19.76 Ωm R _w = 21.57 Ωm
2	46 – 56	10	Good	
3	62 – 76	14	Good	
4	102 – 112	10	Good	
5	116 – 122	6	Good	
6	126 – 138	12	Good	

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



(A.K. Singh)
Geophysicist