



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Baluwa, Block – Kaptanganj, Distt. – Kushinagar

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : 168.10 mbgl

Date of Logging : 01.01.2024

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	15 – 22	7	Good	R _{mf} = 13.19 Ωm R _w = 15.64 Ωm
2	28 – 38	10	Good	
3	45 – 52	7	Good	
4	70 – 80	10	Good	
5	122 – 125	3	Good, Fine sand	
6	143 – 154	11	Good	

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



(A.K. Singh)
Geophysicist