



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Barwa Khurd, Block – Nebua Naurangiya,
Distt. – Kushinagar

Drilling Depth (m) : 176.00 mbgl as reported by Driller

Logged Depth (m) : 173.00 mbgl

Date of Logging : 11.09.2023

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	28 – 46	18	Good	R _{mf} = 18.51 Ωm R _w = 21.85 Ωm
2	52 – 70	18	Good	
3	76 – 88	12	Good	
4	116 – 124	8	Good	
5	136 – 142	6	Good	
6	152 – 156	4	Good	

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



(A.K. Singh)
Geophysicist