



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 08-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Chak Chintamani, Block – Nebua Naurangiya,
Distt. – Kushinagar

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

Logged Depth (m) : 159.70 mbgl

Date of Logging : 08.08.2023

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	30 – 47	17	Good	$R_{mf} = 26.32 \Omega m$ $R_w = 28.76 \Omega m$
2	54 – 70	16	Good	
3	88 – 92	4	Good	
4	124 – 130	6	Good	
5	136 – 140	4	Good	

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

(Signature)

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Geophysicist