



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Barwa Chhatradas, Block - Hata, Distt. - Kushinagar

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

Logged Depth (m) : 169.00 mbgl

Date of Logging : 05.08.2023

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	24 - 40	16	Good	$R_{mf} = 20.92 \Omega m$ $R_w = 21.49 \Omega m$
2	44 - 59	15	Good	
3	77 - 81	4	Good	
4	96 - 99	3	Good	
5	102 - 107	5	Good	
6	144 - 150	6	Good	

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



(S. Singh)
Geophysicist