

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)  
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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Nebua Raiganj, Block - Nebua Naurangiya,  
Distt. - Kushinagar

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

Logged Depth (m) : 174.00 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 <sub>mf</sub> & R <sub>w</sub>
1	18 - 24	6	Good	R <sub>mf</sub> = 12.72 Ωm
2	34 - 48	14	Good	R <sub>w</sub> = 15.16 Ωm
3	62 - 76	14	Good	
4	86 - 94	8	Good	
5	102 - 106	4	Good	
6	116 - 124	8	Good	
7	132 - 142	10	Good	
8	152 - 158	6	Good	
9	164 - 170	6	Good	

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

