

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Nayagawo, Block – Jungal Kaudiya, Distt. – Gorakhpur

Drilling Depth (m) : 167.00 mbgl as reported by Driller

Logged Depth (m) : 162.00 mbgl

Date of Logging : 12.07.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Rithwik-Koya-JV.,

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 – 30	6	Good	$R_{mf} = 26.17 \Omega m$ $R_w = 31.05 \Omega m$
2	42 – 52	10	Good	
3	60 – 66	6	Good	
4	70 – 76	6	Good	
5	130 – 140	10	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below



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Geophysicist