



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lohroli, Block – Nichlaul, Distt. – Maharajganj

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

Logged Depth (m) : 165 mbgl

Date of Logging : 10.11.2023

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 <sub>mf</sub> & R <sub>w</sub>
1	28 – 40	12	Good	R <sub>mf</sub> = 19.37 Ωm R <sub>w</sub> = 21.64 Ωm
2	52 – 58	6	Good	
3	64 – 77	13	Good	
4	80 – 84	4	Good	
5	86 – 91	5	Good	

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

2. No proper granular zones encountered below 128 mbgl to till depth logged.



(A.K. Singh)  
Geophysicist