



# 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 – Laxmipur Khurd, Block – Nichlaul, Distt. – Maharajganj

**Drilling Depth (m)** : 200.00 mbgl as reported by Driller

**Logged Depth (m)** : 178.60 mbgl

**Date of Logging** : 12.02.2024

**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	34 – 40	6	Good	R <sub>mf</sub> = 16.79 Ωm R <sub>w</sub> = 19.14 Ωm
2	50 – 58	8	Good	
3	66 – 76	10	Good	
4	118 – 126	8	Good	
5	134 – 142	8	Good	
6	148 – 151	3	Good	

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



(A.K. Singh)  
Geophysicist