



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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Date: 30-12-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 130.50 mbgl

Date of Logging : 30.12.2023.

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	16 – 23	7	Good	R <sub>mf</sub> = 12.87 Ωm R <sub>w</sub> = 14.32 Ωm
2	32 – 46	14	Good	
3	60 – 66	6	Good	
4	80 – 86	6	Good	
5	90 – 94	4	Good, Medium to fine sand	
6	106 – 109	3	Good, Fine sand	
7	114 – 118	4	Good, Medium to fine sand	

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



(A.K. Singh)  
Geophysicist