



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/IR/689

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 220.00 mbgl as reported by Driller

Logged Depth (m) : 192.00 mbgl

Date of Logging : 14.12.2023

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	$R_{mf}$ & $R_w$
1	26 – 40	14	Good	$R_{mf} = 18.56 \Omega m$
2	46 – 50	4	Good	$R_w = 19.16 \Omega m$
3	106 – 123	17	Good	
4	132 – 142	10	Good	
5	162 – 168	6	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 168 mbgl to till depth logged.



(A.K. Singh)  
Geophysicist