



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/IR/535

Date: 14-10-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Nadua, Block – Mithaura, Distt. – Maharajganj

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

Logged Depth (m) : 192.20 mbgl

Date of Logging : 14.10.2023

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

Logger Used : Robertson Geologging.,

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

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	28 – 32	4	Good	$R_{mf} = 13.12 \Omega m$ $R_w = 15.20 \Omega m$
2	38 – 42	4	Good	
3	48 – 56	8	Good	
4	60 – 72	12	Good	
5	86 – 94	8	Good	
6	116 – 119	3	Good, Fine Sand	
7	143 – 149	6	Good	
8	154 – 162	8	Good	
9	168 – 171	3	Good, Fine Sand	
10	180 – 188	8	Good	

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



(A.K. Singh)  
Geophysicist