



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/510

Date: 06-10-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

Logged Depth (m) : 180.00 mbgl

Date of Logging : 06.10.2023

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	30 – 40	10	Good	$R_{mf} = 27.64 \Omega m$ $R_w = 32.96 \Omega m$
2	60 – 76	16	Good	
3	84 – 88	4	Good	
4	94 – 98	4	Good	
5	118 – 121	3	Good	
6	126 – 130	4	Good	
7	148 – 153	5	Good, Very Fine Sand	
8	162 – 165	3	Good, Very Fine Sand	

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



(A.K. Singh)  
Geophysicist