



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/365

Date: 07-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

Logged Depth (m) : 155.00 mbgl

Date of Logging : 07.08.2023

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 – 50	20	Good	$R_{mf} = 13.19 \Omega m$ $R_w = 15.26 \Omega m$
2	54 – 64	10	Good	
3	72 – 80	8	Good	
4	122 – 130	8	Good	

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

2. No proper granular zones encountered below 130 mbgl to till depth logged.



(*S. Singh*)
Geophysicist