



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 28-09-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

Logged Depth (m) : 215.00 mbgl

Date of Logging : 28.09.2023

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_{mt} & R_w
1	37 – 42	5	Good	$R_{mt} = 27.32 \Omega m$ $R_w = 28.11 \Omega m$
2	46 – 56	10	Good	
3	78 – 87	9	Good	
4	140 – 144	4	Good	
5	156 – 178	22	Good	

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

2. No proper granular zones encountered below 178 mbgl to till depth logged.



(A.K. Singh)
Geophysicist