



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 152.00 mbgl as reported by Driller

Logged Depth (m) : 149.80 mbgl

Date of Logging : 27.10.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Kalpataru Power Transmission Ltd.,

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	32 – 44	12	Good	$R_{mf} = 19.68 \Omega m$ $R_w = 21.55 \Omega m$
2	52 – 76	24	Good	
3	100 – 104	4	Good	
4	110 – 114	4	Good	
5	121 – 124	3	Good	
6	128 – 132	4	Good	

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

