



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 – Chakiya, Block – Kudraha, Distt. – Basti

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 132.10 mbgl

Date of Logging : 16.11.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Megha Engineering & Infrastructure 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 – 42	10	Good	$R_{mf} = 16.18 \Omega m$ $R_w = 19.21 \Omega m$
2	45 – 57	12	Good	
3	62 – 66	4	Good	
4	79 – 86	7	Good	
5	90 – 98	8	Good	

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

2. No proper granular zones encountered below 98 mbgl to till depth logged.



(A.K. Singh)
Geophysicist