



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [slamareesh11@gmail.com](mailto:slamareesh11@gmail.com), [giraksingh@gmail.com](mailto:giraksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/386

Date: 15-08-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Marwariya Khas, Block – Saugat, Distt. – Basti

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

Logged Depth (m) : 133.00 mbgl

Date of Logging : 15.08.2023

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

Logger Used : Robertson Geologging..

Bore Hole Drilled by: Megha Engineering and 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	30 – 42	12	Good	$R_{mf} = 18.87 \Omega m$ $R_w = 21.73 \Omega m$
2	52 – 68	16	Good	
3	70 – 74	4	Good	
4	84 – 87	3	Good	

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

2. No proper granular zones encountered below 87 mbgl to till depth logged.

  
  
(Girak Singh)  
Geophysicist