



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

Ref: TDMA/WWP/JR/640

Date: 23-11-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kakrahiya, Block – Saltua Gopalpur, Distt. – Basti

Drilling Depth (m) : 156.00 mbgl as reported by Driller

Logged Depth (m) : 153.10 mbgl

Date of Logging : 23.11.2023

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	23 – 26	3	Good	$R_{mf} = 18.59 \Omega m$ $R_w = 21.37 \Omega m$
2	38 – 48	10	Good	
3	52 – 62	10	Good	
4	104 – 110	6	Good	
5	113 – 116	3	Good, Fine Sand	
6	128 – 132	4	Good	

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



(A.K. Singh)
Geophysicist