



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [sl.amaresh11@gmail.com](mailto:sl.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANA.

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Ref: TDMA/WWP/JR/468

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bastiya, Block – Lotan, Distt. – Siddharth Nagar

Drilling Depth (m) : 175.00 mbgl as reported by Driller

Logged Depth (m) : 165.90 mbgl

Date of Logging : 20.09.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Jackson-Vishvaraj-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	$R_{mf}$ & $R_w$
1	34 – 39	5	Good	$R_{mf} = 48.01 \Omega m$ $R_w = 49.26 \Omega m$
2	62 – 72	10	Good	
3	79 – 89	10	Good	
4	96 – 102	6	Good	
5	142 – 150	8	Good	

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



(A.K. Singh)  
Geophysicist