



# 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: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/507

Date: 05-10-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 174.10 mbgl

Date of Logging : 05.10.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Rithwik-Koya-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	36 – 40	6	Good	$R_{mf} = 21.73 \Omega m$ $R_w = 25.38 \Omega m$
2	54 – 64	10	Good	
3	68 – 80	12	Good	
4	124 – 131	7	Good	
5	140 – 144	4	Good	
6	162 – 166	4	Good	

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



(A.K. Singh)  
Geophysicist