



# 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](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/269

Date: 04-07-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ghughali Buzurg (Drilling Extended),  
Block – Ghughali, Distt. – Maharajganj

Drilling Depth (m) : 165.00 mbgl as reported by Driller

Logged Depth (m) : 163.50 mbgl

Date of Logging : 04.07.2023

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



Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Kalpataru Power Transmission 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 – 40	8	Good	$R_{mf} = 13.53 \Omega m$ $R_w = 14.64 \Omega m$
2	58 – 66	8	Good	
3	70 – 74	4	Good	
4	77 – 80	3	Good	
5	86 – 90	4	Good	
6	130 – 136	6	Good	
7	142 – 148	6	Good	

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

  
  
(A.K. Singh)  
Geophysicist

