



# 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: GIC/JJM/ Barabanki/158

Date : 11.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Sema Rawa Block – Siddhaur  
Distt. – Barabanki

**Drilling Depth** : 170 mbgl

**Logged Depth** : 165 mbgl

**Date of Logging** : 11.08.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : Uptron



Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strara	R <sub>mf</sub> & R <sub>w</sub>
1	40 – 57	17	Good	R <sub>mf</sub> = 27 Ωm R <sub>w</sub> = 29 Ωm
2	54 – 57	3	Good	
3	60 – 72	12	Good	
4	90 – 102	12	Good	
5	125 – 130	5	Good	

**Remark :** Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 130 mbgl to till depth logged.

**C C :** Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

**A.K.Singh**  
Geophysicist

  
  
**(A.K.Singh)**  
Geophysicist