



# 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

MSME: UDYAM-UP-50-0135993

Ref: GIC/JJM/ Ayodhya/295

Date : 28.06.24

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Chirra Mohammadpur, Block – Sohawal  
Distt. – Ayodhya

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : 160 mbgl

**Date of Logging** : 28.06.24

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



**Logger Used** : Upron

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	20 – 30	10	Good	R <sub>mf</sub> = 24 Ωm R <sub>w</sub> = 25.4 Ωm
2	40 – 50	10	Good	
3	80 – 110	30	Good	
4	120 – 137	17	Good	
5	145 – 150	5	Good	

**Remark** : Almost all zones are intermixed with fine bands of kankar. Below 150 mbgl to 160 mbgl. clay kankar exist.

CC : M/S Universal MEP Projects & Engg.Service Ltd. Ayodhya

  
  
(A.K. Singh)  
Geophysicist