



# 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/ Sitapur/596

Date : 01.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Ramdwari, Block - Mahmudabad  
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 157 mbgl

Date of Logging : 01.05.23

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

Logger Used : IGIS

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 <sub>mf</sub> & R <sub>w</sub>
1	29 – 35	6	Good	R <sub>mf</sub> = 26 Ωm R <sub>w</sub> = 29.3 Ωm
2	45 – 48	3	Good	
3	55 – 60	5	Good	
4	70 – 80	10	Good	
5	87 – 94	7	Good	
6	100 – 114	14	Good	
7	135 – 142	7	Good	
8	146 – 152	6	Good	

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

CC :

1.M/S NCC Sitapur

Verified as per  
logs provided  
Note: S<sub>1</sub> NO3-70-77  
(7m)  
S<sub>1</sub> NO4-87-91  
(4m)  
GIC  
02/05/23

  
  
(A.K. Singh)  
Geophysicist