



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/843

Date : 22.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : 155 mbgl

**Date of Logging** : 22.07.23

**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	$R_{mf}$ & $R_w$
1	35 – 42	7	Good	$R_{mf} = 25 \Omega m$ $R_w = 27.8 \Omega m$
2	55 – 65	10	Good	
3	70 – 77	7	Good	
4	107 – 117	10	Good	
5	133 – 147	14	Good	

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

C C : M/S NCC Sitapur

  
  
(A.K. Singh)  
Geophysicist