



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/603

Date : 05.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 163 mbgl

**Date of Logging** : 05.05.23

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

**Logger Used** : JGIS

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	37 – 42	5	Good	$R_{mf} = 30.7 \Omega m$ $R_w = 33.9 \Omega m$
2	57 – 67	10	Good	
3	76 – 79	3	Good	
4	84 – 90	6	Good	
5	95 – 102	7	Good	
6	115 – 124	9	Good	
7	129 – 132	3	Good	
8	141 – 146	5	Good	
9	150 – 155	5	Good	

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

CC :

1.M/S NCC Sitapur

Verified as per  
logs provided  
G. Singh  
06/05/23

  
  
(A.K. Singh)  
Geophysicist