



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/885

Date : 01.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl – as reported by driller

**Logged Depth** : 165 mbgl

**Date of Logging** : 01.08.23

**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	25 – 35	10	Good	$R_{mf} = 26 \Omega m$ $R_w = 29 \Omega m$
2	40 – 47	7	Good	
3	54 – 60	6	Good	
4	72 – 88	16	Good	
5	100 – 108	8	Good	
6	115 – 122	7	Good	
7	135 – 144	9	Good	
8	150 – 155	5	Good	

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

C C : M/S NCC Sitapur

  
  
(A.K. Singh)  
Geophysicist