



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/610

Date : 07.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Thakur Nagar, Block - Mishrikh  
Distt. – Sitapur

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

**Logged Depth** : 165 mbgl

**Date of Logging** : 07.05.23

**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	28 – 35	7	Good	R <sub>mf</sub> = 20.8 Ωm R <sub>w</sub> = 22.3 Ωm
2	46 – 50	4	Good	
3	60 – 63	3	Good	
4	72 – 78	6	Good	
5	87 – 94	7	Good	
6	101 – 105	4	Good	
7	117 – 125	8	Good	
8	130 – 136	6	Good	
9	144 – 151	7	Good	

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

**CC :**

1.M/S NCC Sitapur

**A.K.Singh**  
**Geophysicist**