



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/539

Date : 06.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 160 mbgl

**Date of Logging** : 06.04.23

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

**Logger Used** : Uptron

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	25 – 30	5	Good	R <sub>mf</sub> = 24 Ωm R <sub>w</sub> = 25.1 Ωm
2	44 – 60	16	Good	
3	70 – 75	5	Good	
4	80 – 87	7	Good	
5	98 – 103	5	Good	
6	110 – 121	11	Good	
7	140 – 148	8	Good	

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

**C C :**

I.M/S NCC Sitapur

**A.K.Singh**  
Geophysicist