



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/214

Date : 29.09.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Majhigawan, Block - Parsendi

Distt. – Sitapur

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

**Logged Depth** : 160 mbgl

**Date of Logging** : 29.09.22

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

**Logger Used** : IGIS

**Presence** : Representative of M/S NCC Sitapur

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 – 35	10	Good	R <sub>mf</sub> = 18.9 Ωm R <sub>w</sub> = 20.1 Ωm
2	45 – 56	11	Good	
3	59 – 63	4	Good	
4	65 – 75	10	Good	
5	86 – 91	5	Good	
6	95 – 106	11	Good, kankar intermixed	
7	120 – 125	5	Good	
8	131 – 140	9	Good, highly kankar intermixed	
9	148 – 154	6	Good, highly kankar intermixed	

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

**CC** :

1. M/S NCC Sitapur

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Geophysicist