



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/424

Date : 02.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Madar, Block - Machharehta  
Distt. – Sitapur

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

**Logged Depth** : 162 mbgl

**Date of Logging** : 02.02.23

**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	22 – 28	6	Good	R <sub>mf</sub> = 24.6 Ωm R <sub>w</sub> = 26.1 Ωm
2	34 – 47	13	Good	
3	58 – 64	6	Good	
4	72 – 82	10	Good	
5	85 – 90	5	Good	
6	98 – 108	10	Good	
7	112 – 115	3	Good	
8	126 – 135	9	Good, intermixed kankar bands	
9	140 – 145	5	Good, intermixed kankar bands	

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

**CC :**

1.M/S NCC Sitapur

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