



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/340

Date : 27.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Saraiya Shankar Baksh, Block - Pahla  
Distt. – Sitapur

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

**Logged Depth** : 165 mbgl

**Date of Logging** : 27.12.22

**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	25 – 33	8	Good	R <sub>mf</sub> = 27.1 Ωm R <sub>w</sub> = 28.1 Ωm
2	40 – 50	10	Good	
3	60 – 66	6	Good	
4	90 – 102	12	Good	
5	107 – 116	9	Good, intermixed with kankar bands	
6	125 – 137	12	Good, intermixed with kankar bands	
7	145 – 156	11	Good, intermixed with kankar bands	

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

**CC** :  
M/S NCC Sitapur

**A.K.Singh**  
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