



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/495

Date : 11.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Tadai Kalan, Block - Sidhauri
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 155 mbgl

Date of Logging : 11.03.23

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_{mf} & R_w
1	20 – 27	7	Good	$R_{mf} = 30 \Omega m$ $R_w = 31.1 \Omega m$
2	40 – 52	12	Good	
3	61 – 64	3	Good	
4	72 – 86	14	Good	
5	96 – 102	6	Good	
6	117 – 120	3	Good	
7	132 – 137	5	Good	
8	140 – 144	4	Good	

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

C C :

1.M/S NCC Sitapur

Verified as per logs provided.
G. S. Singh
12/03/23



(G. S. Singh)
Geophysicist