



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/467

Date : 19.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 175 mbgl – as reported by driller

Logged Depth : ~~174~~ mbgl

Date of Logging : 19.02.23

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_{mf} & R_w
1	24 – 27	3	Good	$R_{mf} = 24.2 \Omega m$ $R_w = 25.8 \Omega m$
2	36 – 39	3	Good	
3	45 – 48	3	Good, Finer sediments	
4	55 – 67	12	Good	
5	70 – 85	15	Good	
6	96 – 99	3	Good, Finer sediments	
7	110 – 116	6	Good	
8	121 – 130	9	Good	
9	152 – 163	12	Good	

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

C C :

I.M/S NCC Sitapur

Verified as per logs provided.
G.S.H.
20/02/23



(A.K. Singh)
Geophysicist