



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/414

Date : 29.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl 158 mbgl

Date of Logging : 29.01.23

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	35 – 42	7	Good	$R_{mf} = 29.6 \Omega m$
2	45 – 48	3	Good	$R_w = 31 \Omega m$
3	53 – 65	12	Good	
4	87 – 97	10	Good	
5	102 – 113	11	Good, intermixed fine bands of kankar	
6	126 – 132	6	Good	
7	140 – 150	10	Good, intermixed fine bands of kankar	

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

C C :

1.M/S NCCT Sitapur

Verified as per logs provided.
G.Sh
30/01/23



(A.K. Singh)
Geophysicist