



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/679

Date : 28.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Taranpur, Block - Laharpur
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~150 mbgl~~

Date of Logging : 28.05.23

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	39 – 45	6	Good	$R_{mf} = 33 \Omega m$ $R_w = 36.9 \Omega m$
2	49 – 56	7	Good	
3	60 – 64	3	Good	
4	68 – 76	8	Good	
5	88 – 94	6	Good, Finer sediments	
6	125 – 132	7	Good, Finer sediments	
7	139 – 142	3	Good, Finer sediments	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. Logs are effected by large bore hole size and mixing of cow dung.~~

CC :
I.M/S NCC Sitapur

Verified as per logs provided - correlated with strata obtained by driller.

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G. S. Singh
29/05/23*



(A.K. Singh)
Geophysicist