



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/818

Date : 11.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Patti Daheli Ratuli, Block - Behta
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 150 mbgl

Date of Logging : 11.07.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron

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	40 – 53	13	Good	$R_{mf} = 26 \Omega m$ $R_w = 29 \Omega m$
2	75 – 87	12	Good	
3	94 – 108	14	Good	
4	112 – 120	8	Good	
5	129 – 138	9	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 138 mbgl to till depth logged.

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist