



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/1035

Date : 07.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill.- Chariya Bhajoopur, Block - Pahla
Distt. – Sitapur

Drilling Depth : 168 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 07.11.23

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	25 – 33	8	Good	$R_{mf} = 22 \Omega m$ $R_w = 258 \Omega m$
2	50 – 66	16	Good	
3	73 – 82	9	Good	
4	87 – 101	14	Good	
5	105 – 118	13	Good	
6	122 – 127	5	Good	
7	130 – 142	12	Good	
8	153 – 157	4	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 157 mbgl to till depth logged.

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist