



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/787

Date : 01.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Akhari, Block - Rampur Mathura
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 150 mbgl

Date of Logging : 01.07.23

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 – 43	8	Good	$R_{mf} = 26.1 \Omega m$ $R_w = 28 \Omega m$
2	63 – 75	12	Good	
3	80 – 90	10	Good	
4	102 – 108	6	Good	
5	116 – 124	8	Good	
6	132 – 136	4	Good	

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

C C :

1.M/S NCC Sitapur



(A.K. Singh)
Geophysicist