



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/936

Date : 20.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill.- Lail Kala, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 20.08.23

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	30 – 36	6	Good	$R_{mf} = 26 \Omega m$ $R_w = 29 \Omega m$
2	42 – 55	13	Good	
3	63 – 70	7	Good	
4	78 – 88	10	Good	
5	108 – 120	12	Good	
6	126 – 135	9	Good	
7	138 – 145	7	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 145 mbgl.

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist