



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/954

Date : 03.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill.- Lalpur & Deoria, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 160 mbgl

Date of Logging : 03.09.23

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 – 46	11	Good	$R_{mf} = 24 \Omega m$ $R_w = 26 \Omega m$
2	50 – 62	12	Good	
3	70 – 80	10	Good	
4	83 – 88	5	Good	
5	103 – 118	15	Good	
6	128 – 135	7	Good	
7	140 – 150	10	Good	

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

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist