



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/766

Date : 22.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Mamupur Kathela, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 155 mbgl

Date of Logging : 22.06.23

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	53 – 60	7	Good	R _{mf} = 21.2 Ωm R _w = 23 Ωm
2	82 – 101	19	Good	
3	105 – 108	3	Good	
4	125 – 141	16	Good, kankar mixed	
5	146 – 152	6	Good	

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

CC :

I.M/S NCC Sitapur

A.K.Singh
Geophysicist