



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Fatehpur/86

Date : 08.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Manjhli Gaon Shahjahanpur, Block – Malwan
Distt. – Fatehpur

Logged Depth : 163 mbgl

Date of Logging : 08.02.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Upton

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R_{mf} & R_w
1	46 – 55	9	Good	$R_{mf} = 19.4 \Omega m$ $R_w = 21.1 \Omega m$
2	60 – 66	6	Good	
3	68 – 78	10	Good, Kankar intermixed	
4	94 – 102	8	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 120 mbgl.

Verified as per logs provided
G.Sh
09/02/23

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(A.K. Singh)
Geophysicist