



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Fatehpur/38

Date : 30.09.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Malakar, Block – Bhitaura
Distt. – Fatehpur

Drilled Depth : 170 mbgl as reported by driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 30.09.22

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	50 – 63	13	Good	$R_{mf} = 19.1 \Omega m$ $R_w = 19.9 \Omega m$
2	69 – 72	3	Good	
3	85 – 90	5	Good	
4	95 – 95	3	Good	
5	98 – 102	4	Good	
6	111 – 121	10	Good	
7	145 – 160	15	Good	

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

Verified as per logs provided.
Note. Sr No 3 - 86-90 (4m)
and Sr No 7 - 145-153 (8m)
& 156-160 (4m) - highly kankar intermixed.

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