



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Fatehpur/39

Date : 07.10.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilled Depth : 180 mbgl as reported by driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 07.10.22

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

Logger Used : ~~Upron~~

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	32 – 39	7	Good	$R_{mf} = 21.1 \Omega m$ $R_w = 22.3 \Omega m$
2	76 – 91	15	Good, Kankar intermixed	
3	100 – 107	7	Good, Kankar intermixed	
4	113 – 119	6	Good, Kankar intermixed	
5	123 – 126	3	Good, Kankar intermixed	
<u>6</u>	145 – 149	4	Good, Highly kankar mixed	

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

Verified as per logs provided.

G.S.S.
ASSISTANT HYDROGEOLOGIST
GICZEE OFFICE (RURAL)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Drink

(*G.S.S.*)
Geophysicist