



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Marwatiya Khas, Block – Saugat, Distt. – Basti

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 133.00 mbgl

Date of Logging : 15.08.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,



Bore Hole Drilled by: Megha Engineering and Infrastructure Ltd.,

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	30 – 42	12	Good	R _{mf} = 18.87 Ωm R _w = 21.73 Ωm
2	52 – 68	16	Good	
3	70 – 74	4	Good	
4	84 – 87	3	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

2. No proper granular zones encountered below 87 mbgl to till depth logged.



(GIC) Singh
Geophysicist