



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/138

Date: 23-05-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Samera Chigen, Block – Badhupur, Distt. – Basti

Drilling Depth (m) : 140.00 mbgl as reported by Driller

Logged Depth (m) : 121.00 mbgl

Date of Logging : 23.05.2023

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 – 33	3	Good	$R_{mf} = 7.97 \Omega m$ $R_w = 8.40 \Omega m$
2	40 – 48	8	Good	
3	55 – 60	5	Good	
4	62 – 70	8	Good	
5	72 – 76	4	Good	
6	81 – 88	7	Good	
7	108 – 113	5	Good	

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



(A.K. Singh)
Geophysicist