



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 20-04-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Bakshar, Block - Basti Sadar, Distt. - Basti

Drilling Depth (m) : 143.00 mbgl as reported by Driller

Logged Depth (m) : 140.00 mbgl /

Date of Logging : 20.04.2023

Types of Log : ~~SP~~, Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging

Bore Hole Drilled by : Megha Engineering & 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	31 - 39	8	Good	$R_{mf} = 21.66 \Omega m$ $R_w = 30.05 \Omega m$
2	43 - 56	13	Good	
3	60 - 66	6	Good	
4	70 - 76	6	Good	
5	80 - 86	6	Good	
6	92 - 97	5	Good	
7	118/120 - 125	5/7	Good	

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

Verified as per

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