



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Basti/15

Date : 03.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gunda Kunwar, Block – Vikramjot
Distt. – Basti

Drilling Depth : 140 mbgl – as reported by Driller

Logged Depth : 135 mbgl

Date of Logging : 03.12.22

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

Logger Used : Uptron

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	35 – 45	10	Good	$R_{mf} = 20 \Omega m$ $R_w = 21.1 \Omega m$
2	78 – 88	10	Good, Intermixed kankar bands	
3	95 – 103	8	Good, Intermixed kankar bands	
4	105 – 109	4	Good	
5	115 – 125	10	Good, Intermixed kankar bands	

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

CC :

1. Megha Engineering & Infrastructure Limited



(A.K. Singh)
Geophysicist