



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/300

Date : 02.12.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Meerpur Kanta Tw 2, Block – Sohawal
Distt. – Ayodhya

Drilling Depth : 167 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 02.12.24

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 strara	R_{mf} & R_w
1	35 – 46	11	Good	$R_{mf} = 23.9 \Omega m$ $R_w = 25.1 \Omega m$
2	48 – 60	12	Good	
3	66 – 78	12	Good	
4	80 – 84	4	Good	
5	87 – 92	5	Good	
6	95 – 105	10	Good	
7	113 – 117	4	Good	
8	119 – 127	8	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Below 127 mbgl. clay kankar exist.

CC : M/S Universal MEP Projects & Engg.Service Ltd. Ayodhya



(A.K. Singh)
Geophysicist