



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/163

Date : 01.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Shekhpur Jafar, Block – Sohawal
Distt. – Ayodhya

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : 170 mbgl

Date of Logging : 01.02.23

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



Logger Used : Upron

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 – 47	12	Good	$R_{mf} = 23.2 \Omega m$ $R_w = 24.1 \Omega m$
2	63 – 67	4	Good	
3	71 – 77	6	Good	
4	87 – 96	9	Good	
5	116 – 120	4	Good, Intermixed kankar bands	
6	124 – 135	11	Good, Intermixed kankar bands	
7	138 – 142	4	Good, Finer sediments	
8	154 – 162	8	Good, Intermixed kankar bands	

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

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



(A.K. Singh)
Geophysicist