



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSTIN: 09ANAPS3037Q1ZG

MSME: UDYAM-UP-50-0135993

Ref: GIC/JJM/ Ayodhya/155

Date : 29.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Sultanpur, Block – Mawai
Distt. – Ayodhya

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 29.01.23

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	36 – 42	6	Good	$R_{mf} = 23.2 \Omega m$ $R_w = 24.1 \Omega m$
2	47 – 54	7	Good	
3	59 – 70	11	Good	
4	75 – 83	8	Good	
5	87 – 95	8	Good, Intermixed kankar bands	
6	119 – 128	9	Good, Intermixed kankar bands	
7	140 – 146	6	Good	
8	150 – 157	7	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