



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/142

Date : 20.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Ashraf Nagar Gangrela, Block – Mawai
Distt. – Ayodhya

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~170~~ mbgl

Date of Logging : 20.01.23

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	20 – 30	10	Good	R_{mf} = 27.3 Ωm R_w = 29 Ωm
2	36 – 42	6	Good	
3	46 – 55	9	Good, Intermixed fine bands of kankar	
4	72 – 78	6	Good, Intermixed fine bands of kankar	
5	80 – 86	6	Good, Intermixed fine bands of kankar	
6	90 – 97	7	Good, Intermixed fine bands of kankar	
7	105 – 108	3	Good	
8	118 – 130	12	Good, Intermixed fine bands of kankar	
9	140 – 150	10	Good, Intermixed fine bands of kankar	

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

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

Verified as per logs provided.
G.S.H.
21/01/23

Dr. Singh

(A.K. Singh)
Geophysicist