



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/49

Date : 24.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Aihar, Block – Rudauli
Distt. – Ayodhya

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 24.11.22

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

Logger Used : ~~Upton~~

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	25 – 40	15	Good, Intermixed kankar bands	$R_{mf} = 24 \Omega m$
2	48 – 57	9	Good	$R_w = 26.4 \Omega m$
3	70 – 95	25	Good, Highly kankar mixed	
4	124 – 135	11	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.

Verified as per
logs provided.

G. S. Singh
ASSISTANT HYDROGEOLOGIST
24/11/2022 (E/M)
U.P. JAL NIGAM (RURAL)
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