



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/172

Date : 05.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~172~~ mbgl

Date of Logging : 05.02.23

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 strara	R_{mf} & R_w
1	23 – 42	19	Good, Intermixed kankar bands	$R_{mf} = 26.4 \Omega m$
2	45 – 50	5	Good	$R_w = 27.4 \Omega m$
3	72 – 87	15	Good	
4	95 – 115	20	Good	
5	117 – 123	6	Good, Intermixed kankar bands	
6	144 – 157	13	Good	
7	167-171	4	Good.	

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

Verified as per
logs provided.
Note - Sr No 2 -
46-50 (4m)
GIC
06/02/23



(A.K. Singh)
Geophysicist