



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/134

Date : 14.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl *155 mbgl*

Date of Logging : 14.01.23

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	26 – 33	7	Good	R_{mf} = 28.3 Ωm R_w = 30.1 Ωm
2	39 – 52	13	Good, Kankar intermixed	
3	57 – 60	3	Good	
4	69 – 77	8	Good	
5	80 – 96	16	Good, Intermixed kankar bands	
6	111 – 116	5	Good	
7	120 – 130	10	Good, Intermixed kankar bands	
8	142 – 147	5	Good, Fine sand	

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
Note - Sr No 5 is highly kankar intermixed.*

*G.Sh
16/01/23*

Dr

(A.K. Singh)
Geophysicist