



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/110

Date : 31.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Tikar, Block – Rudaulil
Distt. – Ayodhya

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~172~~ mbgl

Date of Logging : 31.12.22

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	20 – 35	15	Good	R _{mf} = 23.2 Ωm R _w = 25 Ωm
2	42 – 45	3	Good	
3	49 – 57	8	Good	
4	64 – 95	31	Good, highly kankar mixed	
5	110 – 115	5	Good, Finer sediments	
6	122 – 131	9	Good, Intermixed kankar bands	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 131 mbgl.~~

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

*Verified as per logs provided.
Note - sr N 04
64-68 (4m)
72-76 (4m)
and 88-95 (7m)
G.Ch
02/01/23*

Arish

(A.K. Singh)
Geophysicist