



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/69

Date : 12.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 12.12.22

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	30 – 37	7	Good	R _{mf} = 21.2 Ωm R _w = 22.4 Ωm
2	44 – 51	7	Good	
3	64 – 75	11	Good, Intermixed kankar bands	
4	83 – 90	7	Good, Intermixed kankar bands	
5	109 – 115	6	Good	
6	132 – 136	4	Good, Finer sediments	

Remark : Almost all zones are intermixed with fine bands of kankar. No good granular zones encountered below 136 mbgl.

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

Verified as per logs provided.
Note - Sr No 2 - 44-49 (5m)
Sr No 4 - have thin bands of finer sediments
GSh
13/12/22



(A.K. Singh)
Geophysicist