



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/109

Date : 31.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Mustafabad, Block – Sohawal
Distt. – Ayodhya

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 31.12.22

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	44 – 54	10	Good	R _{mf} = 24.7 Ωm R _w = 26 Ωm
2	67 – 73	6	Good	
3	75 – 81	6	Good	
4	83 – 97	14	Good, <u>highly kankar mixed</u>	
5	100 – 105	5	Good	
6	110 – 117	7	Good, Intermixed kankar bands	
7	120 – 129	9	Good, Intermixed kankar bands	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 129 mbgl.~~

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

Verified as per logs provided.
Note - Sr No 3 - 76-80 (4m)
Sr No 5 - 101-105 (4m)
Sr No 6 - 111-117 (6m)
Gish
02/01/22



(A.K. Singh)
Geophysicist