



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Ayodhya/128

Date : 10.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 10.01.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~IGIS~~



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	36 – 46	10	Good	R_{mf} = 22.1 Ωm R_w = 24 Ωm
2	48 – 54	6	Good	
3	67 – 77	10	Good, intermixed kankar bands	
4	80 – 85	5	Good	
5	87 – 93	6	Good, intermixed kankar bands	
6	95 – 108	13	Good, intermixed kankar bands	
7	111 – 117	6	Good, intermixed kankar bands	
8	120 – 125	5	Good, intermixed kankar bands	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 125 mbgl.~~

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

*Verified as per
logs provided.
Note - Sr No 6 - 95-102 (7m)
G.Sh
11/01/23*



(G. S. Singh)
Geophysicist