



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/143

Date : 21.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 21.01.23

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 | 25 – 35 | 10 | Good | R_{mf} = 28.1 Ωm R_w = 29 Ωm |
| 2 | 40 – 47 | 7 | Good | |
| 3 | 50 – 57 | 7 | Good | |
| 4 | 64 – 73 | 9 | Good, Intermixed fine bands of kankar | |
| 5 | 77 – 88 | 11 | Good, Intermixed fine bands of kankar | |
| 6 | 92 – 95 | 3 | Good | |
| 7 | 98 – 102 | 4 | Good | |
| 8 | 110 – 116 | 6 | Good, Intermixed fine bands of kankar | |
| 9 | 118 – 122 | 4 | Good, Intermixed fine bands of kankar | |
| 10 | 127 – 131 | 4 | Good | |
| 11 | 144 – 147 | 3 | 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.
G.S.
23/01/23

Drink

(A.K. Singh)
Geophysicist