



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/45

Date : 22.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as reported by driller

Logged Depth : ~~165 mbgl~~ 70 mbgl

Date of Logging : 22.11.22

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 <sub>mf</sub> & R <sub>w</sub>  |
|--------------|----------------------|---------------|-------------------------------|---|
| <del>1</del> | 20 – 25              | 5             | Good                          | R <sub>mf</sub> = <del>23.2 Ωm</del><br>R <sub>w</sub> = <del>25.4 Ωm</del> |
| <del>2</del> | 35 – 45              | 10            | Good                          |   |
| <del>3</del> | 50 – 57              | 7             | Good                          |   |
| <del>4</del> | 70 – 100             | 30            | Good, highly kankar mixed     |   |
| <del>5</del> | 105 – 110            | 5             | Good, Intermixed kankar bands |   |
| <del>6</del> | 119 – 126            | 7             | Good, Intermixed kankar bands |   |

Remark : ~~Almost all zones are intermixed with fine bands of kankar~~

*Verified as per logs provided.*

*S.S.C.*  
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CIR. CELL, AYODHYA (EM)  
U.P. JAL NIGAM (RURAL)  
22/11/22

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