



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/112

Date : 01.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~155~~ mbgl

**Date of Logging** : 01.01.23

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

**Logger Used** : ~~Optron~~

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>	<del>37 – 40</del>	<del>3</del>	<del>Good</del>	<del>R<sub>mf</sub> = 22.6 Ωm R<sub>w</sub> = 24 Ωm</del>
<del>2</del>	<del>45 – 54</del>	<del>9</del>	<del>Good</del>	
<del>3</del>	<del>63 – 80</del>	<del>17</del>	<del>Good</del>	
<del>4</del>	<del>116 – 123</del>	<del>7</del>	<del>Good</del>	
<del>5</del>	<del>139 – 143</del>	<del>4</del>	<del>Good, Finer sediments</del>	

**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.  
01/01/23*

*Arink*  
  
(A.K. Singh)  
Geophysicist