



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/44

Date : 22.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl as reported by driller

**Logged Depth** : ~~165 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	$R_{mf}$ & $R_w$
<del>1</del>	<del>30 – 41</del>	<del>11</del>	<del>Good</del>	<del><math>R_{mf} = 16.7 \Omega m</math> <math>R_w = 18.8 \Omega m</math></del>
<del>2</del>	<del>44 – 47</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>54 – 63</del>	<del>9</del>	<del>Good</del>	
<del>4</del>	<del>77 – 80</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>85 – 95</del>	<del>10</del>	<del>Good, Intermixed kankar bands</del>	
<del>6</del>	<del>105 – 125</del>	<del>20</del>	<del>Good, Intermixed kankar bands</del>	
<del>7</del>	<del>139 – 142</del>	<del>3</del>	<del>Good, finer sediments</del>	
<del>8</del>	<del>150 – 153</del>	<del>3</del>	<del>Good</del>	

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

*Verified as per logs provided.*

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22/11/22

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