



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/86

Date : 18.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl as Reported by Driller

**Logged Depth** : ~~165~~ mbgl

**Date of Logging** : 18.12.22

**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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>41 – 52</del>	<del>11</del>	<del>Good</del>	<del>R<sub>mf</sub> = 24.2 Ωm R<sub>w</sub> = 25.6 Ωm</del>
<del>2</del>	<del>60 – 72</del>	<del>12</del>	<del>Good</del>	
<del>3</del>	<del>86 – 89</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>105 – 109</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>117 – 121</del>	<del>4</del>	<del>Good</del>	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones has encountered below 121 mbgl.~~

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

*Verified as per logs provided.*  
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*19/12/22*

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