



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/244

Date : 17.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : ~~165 mbgl~~ 160 mbgl

**Date of Logging** : 17.06.23

**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>20 – 28</del>	<del>8</del>	<del>Good</del>	<del><math>R_{mf} = 23 \Omega m</math> <math>R_w = 25.3 \Omega m</math></del>
<del>2</del>	<del>33 – 36</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>45 – 60</del>	<del>15</del>	<del>Good, kankar intermixed</del>	
<del>4</del>	<del>70 – 75</del>	<del>5</del>	<del>Good</del>	
<del>5</del>	<del>85 – 98</del>	<del>13</del>	<del>Good</del>	
<del>6</del>	<del>112 – 116</del>	<del>4</del>	<del>Good</del>	
<del>7</del>	<del>120 – 124</del>	<del>4</del>	<del>Good</del>	
<del>8</del>	<del>128 – 141</del>	<del>13</del>	<del>Good</del>	
<del>9</del>	<del>145 – 148</del>	<del>3</del>	<del>Good</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.Su  
19/06/23

  
  
(A.K. Singh)  
Geophysicist