



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/176

Date : 12.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill - Kandai Kala, Block - Amaniganj  
District - Ayodhya

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

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

**Date of Logging** : 12.02.23

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

**Logger Used** : ~~Uptron~~

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 - 43</del>	<del>13</del>	<del>Good</del>	<del><math>R_{mf} = 26.1 \Omega m</math></del>
<del>2</del>	<del>49 - 54</del>	<del>5</del>	<del>Good</del>	<del><math>R_w = 28.3 \Omega m</math></del>
<del>3</del>	<del>67 - 75</del>	<del>8</del>	<del>Good, Intermixed kankar bands</del>	
<del>4</del>	<del>77 - 96</del>	<del>19</del>	<del>Good</del>	
5	110 - 123	13	Good, Highly kankar intermixed	
6	127 - 133	6	Good	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 160 mbgl.~~

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

Verified as per  
logs provided.

GSh  
13/02/23

  
  
(A.K. Singh)  
Geophysicist