



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/195

Date : 27.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Hansrajpur, Block – Mawai  
Distt. – Ayodhya

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

**Logged Depth** : ~~167~~ mbgl

**Date of Logging** : 27.02.23

**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>35 – 42</del>	<del>7</del>	<del>Good</del>	<del><math>R_{mf} = 21 \Omega m</math> <math>R_w = 22.2 \Omega m</math></del>
<del>2</del>	<del>51 – 60</del>	<del>9</del>	<del>Good</del>	
<del>3</del>	<del>64 – 72</del>	<del>8</del>	<del>Good</del>	
<del>4</del>	<del>90 – 105</del>	<del>15</del>	<del>Good</del>	
<del>5</del>	<del>130 – 136</del>	<del>6</del>	<del>Good</del>	

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

*No proper granular zone encountered below 136 mbgl.*  
CC : M/S Universal MEP Projects & Engg. Service Ltd. Ayodhya

*Verified as per logs provided.*

*G.Sh  
28/02/23*

  
  
(*G.S. Singh*)  
Geophysicist