



# 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/146

Date : 22.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~155~~ mbgl

**Date of Logging** : 22.01.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	27 – 30	3	Good	<del><math>R_{mf} = 22.7 \Omega m</math> <math>R_w = 24 \Omega m</math></del>
<del>2</del>	37 – 42	5	Good	
<del>3</del>	55 – 63	8	Good	
<del>4</del>	65 – 77	12	Good	
<del>5</del>	82 – 97	15	Good, Intermixed fine bands of kankar	
<del>6</del>	115 – 120	5	Good, Finer sediments	
<del>7</del>	125 – 131	6	Good, Finer sediments	
<del>8</del>	142 – 146.5	4.3	Good, Finer sediments	

**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.*  
↓  
GSh  
23/01/23

  
  
(A.K. Singh)  
Geophysicist