



# 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/99

Date : 25.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 175 mbgl as Reported by Driller

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 25.12.22

**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>	30 – 45	15	Good	<del><math>R_{mf} = 22.4 \Omega m</math> <math>R_w = 23.9 \Omega m</math></del>
<del>2</del>	50 – 55	5	Good	
<del>3</del>	65 – 73	8	Good, Intermixed kankar bands	
<del>4</del>	80 – 90	10	Good	
<del>5</del>	93 – 97	4	Good	
<del>6</del>	105 – 112	7	Good	
<del>7</del>	115 – 120	5	Good, Intermixed kankar bands	
<del>8</del>	143 – 147	4	Good, Finer sediments	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 135 mbgl.~~

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

*Verified as per logs provided*  
↓  
G.S. Singh  
26/12/22

*Signature*  
  
(A.K. Singh)  
Geophysicist