



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/127

Date : 10.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

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

**Date of Logging** : 10.01.23

**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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	37 – 47	10	Good	<del>R<sub>mf</sub> = 23.6 Ωm R<sub>w</sub> = 25.1 Ωm</del>
<del>2</del>	50 – 57	7	Good	
<del>3</del>	77 – 93	16	Good, intermixed kankar bands	
<del>4</del>	99 – 105	6	Good	
<del>5</del>	108 – 120	12	Good, intermixed kankar bands	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 120 mbgl.~~

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

*Verified as per  
logs provided  
|  
G.Sh  
11/01/23*

  
  
**(A.K. Singh)**  
Geophysicist