



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

Ref: GIC/JJM/ Ayodhya/291

Date : 17.12.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Hazipur Barsendi Zone -2, Block – Sohawal  
Distt. – Ayodhya

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

**Logged Depth** : 165 mbgl

**Date of Logging** : 17.12.23

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



**Logger Used** : Upron

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	$R_{mf}$ & $R_w$
1	25 – 39	14	Good	$R_{mf} = 22 \Omega m$ $R_w = 25 \Omega m$
2	45 – 54	9	Good	
3	57 – 60	3	Good	
4	72 – 75	3	Good	
5	78 – 84	6	Good	
6	90 – 93	3	Good	
7	96 – 99	3	Good	
8	108 – 117	9	Good	
9	123 – 126	3	Good	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 126 mbgl to till depth logged.

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

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