



# GROUND WATER INVESTIGATION CENTRE

## (Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/175

Date : 08.02.22

### GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 170 mbgl as reported by driller

**Logged Depth** : 167 mbgl

**Date of Logging** : 08.02.23

**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	$R_{mf}$ & $R_w$
1	30 – 35	5	Good	$R_{mf} = 21.9 \Omega m$ $R_w = 22.3 \Omega m$
2	42 – 46	4	Good	
3	50 – 56	6	Good, Highly kankar intermixed	
4	67 – 80	13	Good, Highly kankar intermixed	
5	85 – 91	6	Good	
6	95 – 106	11	Good	
7	112 – 127	15	Good	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 127 mbgl.

CC:

M/S Universal MEP Projects & Eng. Services Ltd. Ayodhya

Verified as per  
logs provided  
G.Sh  
10/02/23

  
  
(A.K. Singh)  
Geophysicist