



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/184

Date : 17.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Sevdhar, Block – Mawai  
Distt. – Ayodhya

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

**Logged Depth** : 167 mbgl

**Date of Logging** : 17.02.23

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

**Logger Used** : Upton



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	20 – 35	15	Good	$R_{mf} = 22.1 \Omega m$ $R_w = 24.1 \Omega m$
2	47 – 54	7	Good	
3	64 – 75	11	Good	
4	77 – 81	4	Good	
5	90 – 110	20	Good, intermixed kankar bands	
6	140 – 143	3	Good	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 130 mbgl.

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

Verified logs provided.  
G.S.K.  
10/02/23

  
  
(A.K. Singh)  
Geophysicist