



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/88

Date : 19.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~130 mbgl~~ 122 mbgl

**Date of Logging** : 19.12.22

**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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	40 – 45	5	Good	<del>R<sub>mf</sub> = 22.1 Ωm R<sub>w</sub> = 24.2 Ωm</del>
<del>2</del>	48 – 58	10	Good	
<del>3</del>	63 – 73	10	Good	
<del>4</del>	76 – 82	6	Good	
<del>5</del>	89 – 93	4	Good	
<del>6</del>	105 – 108	3	Good	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones has encountered below 108 mbgl.~~

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

Verified as per  
logs provided  
Note - Sr No 2 - 50-58 (8m)  
Sr No 3 - 65-73 (8m)  
G.S.K.  
20/12/22

  
  
(A.K. Singh)  
Geophysicist