



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Ayodhya/226

Date : 19.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Bhawanipur. Block - Mawai  
District - Ayodhya

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : 163 mbgl

Date of Logging : 19.05.23

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 <sub>mf</sub> & R <sub>w</sub>
1	30 - 37	7	Good	R <sub>mf</sub> = 23 Ωm R <sub>w</sub> = 249 Ωm
2	45 - 52	7	Good	
3	62 - 70	8	Good	
4	80 - 85	5	Good	
5	105 - 114	9	Good	
6	130 - 135	5	Good	
7	142 - 145	3	Good. fine sand	

Remark : Almost all zones are intermixed with fine bands of kankar.

CC : MS VTL - GAJA (JV)

*Verified as per logs provided*

*A.Sr*  
*20/05/23*

  
(A.K. Singh)  
Geophysicist

Chajja Phase - III

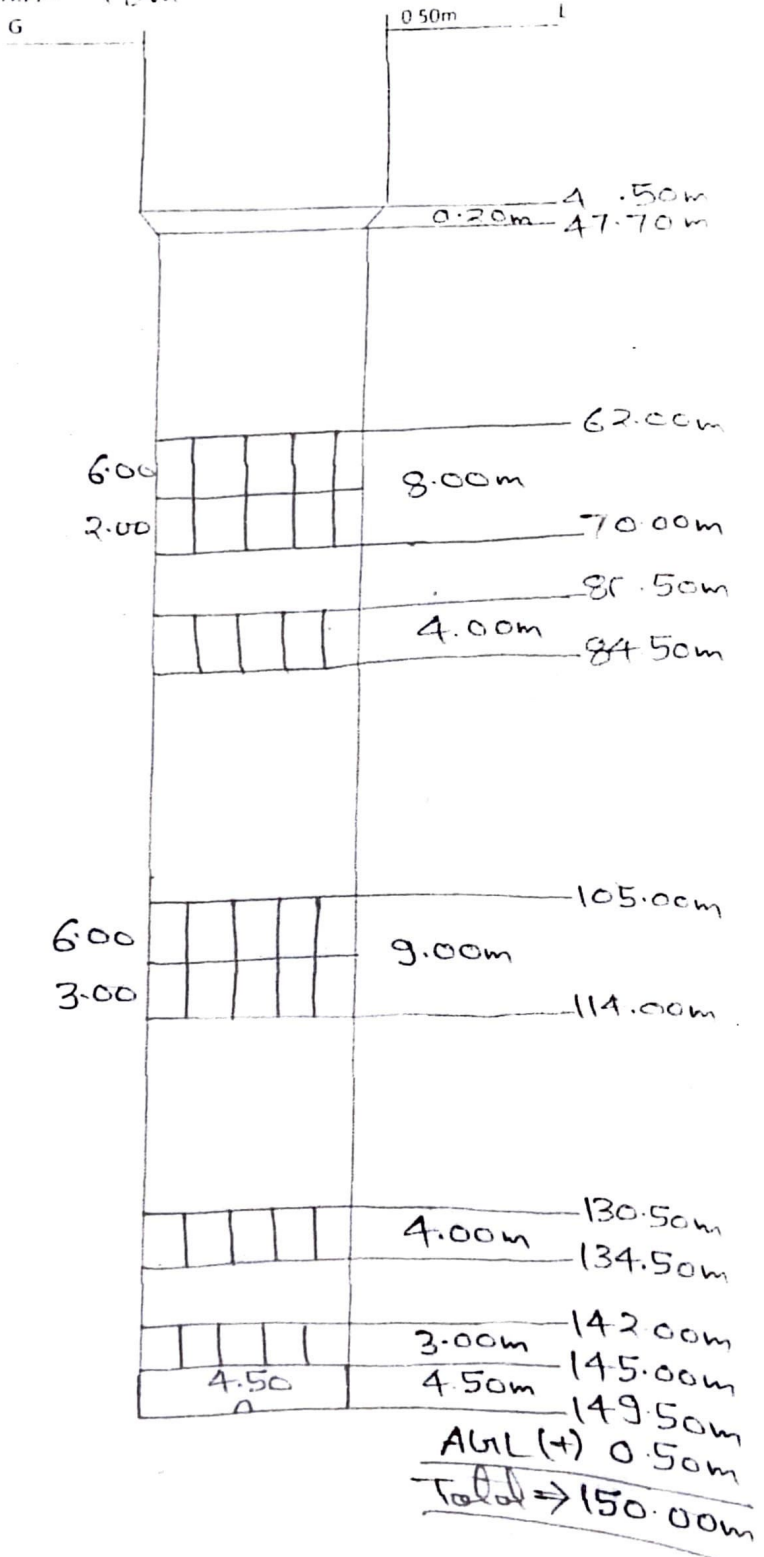
Proposed Tubewell Assembly chart of **Bhawampur** W/S Scheme Block - **Masai**  
 District - **AYODHYA**

Drilling Lowering: **165/150 m** Bore Size: **600 X 500 mm**  
 T.W. Asse. Size: **200 X 200 mm** Recommended Discharge: **1380 LPM**

SWI  
 S.P. **50m**  
 D.O.L. -  
 H.P. - **42m**

Logging Report - **19/05/23**

- 1- 30 - 31 => 07
- 2- 45 - 52 => 07
- 3- 62 - 90 => 08
- 4- 90 - 95 => 05
- 5- 105 - 114 => 09
- 6- 130 - 135 => 05
- 7- 142 - 145 => 03
- 8-
- 9-
- 10-
- 11-
- 12-



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