



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/222

Date : 14.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bhitaura, Block – Sohawal  
District – Ayodhya

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

**Logged Depth** : ~~165~~ mbgl 163 MBGL

**Date of Logging** : 14.05.23

**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>
<del>1</del>	20 – 30	10	Good	<del>R<sub>mf</sub> = 22.4 Ωm R<sub>w</sub> = 23 Ωm</del>
<del>2</del>	40 – 47	7	Good	
<del>3</del>	50 – 62	12	Good	
<del>4</del>	80 – 95	15	Good	
<del>5</del>	98 – 105	7	Good	
<del>6</del>	118 – 135	17	Good	
<del>7</del>	145 – 155	10	Good	

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

Verified as per  
logs provided.

G.Sh  
15/05/23

  
  
(A.K. Singh)  
Geophysicist

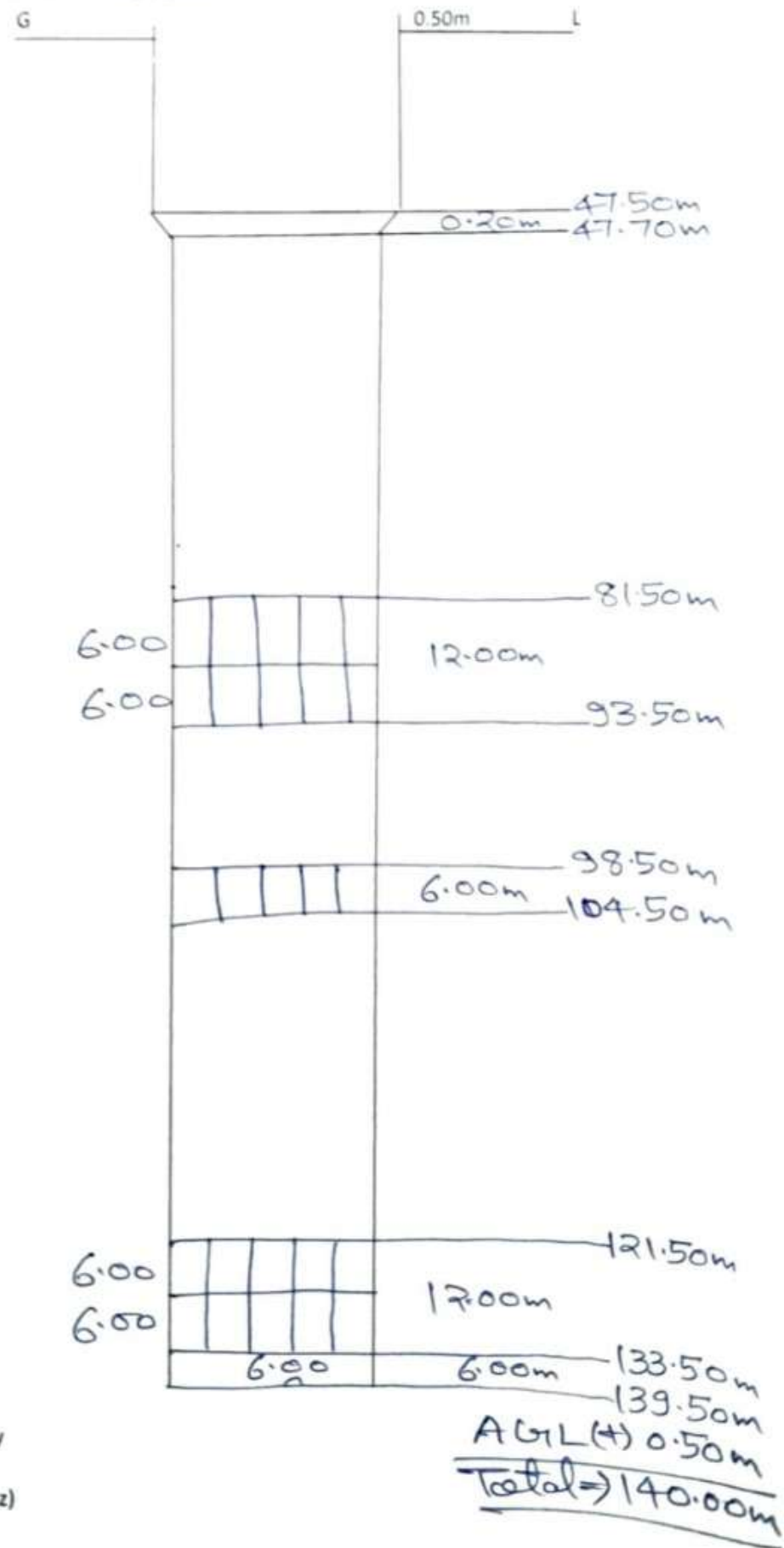


Proposed Tubewell Assembly chart of **Bihikaseepus** W/S Scheme Block - **Sahawal**  
 District - **AYODHYA**

Drilling Lowering - **165/150 m** Bore Size - **600x450mm**  
 T.W. Asse Size - **500x150mm** Recommended Discharge - **750 LPM**  
 S.W.L. - **30m** D.O.L. -  
 S.P. - **48m** H.P. - **48m**

Logging Report - **1A/05/23**

- 1. 20 - 30 => 10
- 2. 40 - 47 => 07
- 3. 50 - 62 => 12
- 4. 80 - 95 => 15
- 5. 98 - 105 => 07
- 6. 118 - 135 => 17
- 7. 145 - 155 => 10
- 8.
- 9.
- 10.
- 11.
- 12.



Prepared by  
  
 (Sampurnanand)  
 A.E.

Approved by  
 (Mohd. Maaz)  
 E.E.