



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [slamaresh11@gmail.com](mailto:slamaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/245

Date : 19.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Khirauni, Block – Maya Bazar  
Distt. – Ayodhya

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

**Logged Depth** : ~~163 mbgl~~

**Date of Logging** : 19.06.23

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

**Logger Used** : ~~JGIS~~

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>	<del>39 – 43</del>	<del>4</del>	<del>Good</del>	<del>R<sub>mf</sub> = 22.5 Ωm R<sub>w</sub> = 23.8 Ωm</del>
<del>2</del>	<del>64 – 77</del>	<del>13</del>	<del>Good</del>	
<del>3</del>	<del>90 – 104</del>	<del>14</del>	<del>Good</del>	
<del>4</del>	<del>142 – 152</del>	<del>10</del>	<del>Good</del>	

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

CC : VSAIPPL-SCL Ayodhya

*Verified as per logs provided*

*G.S.*  
*20/06/23*

*Amish*  
  
(A.K. Singh)  
Geophysicist

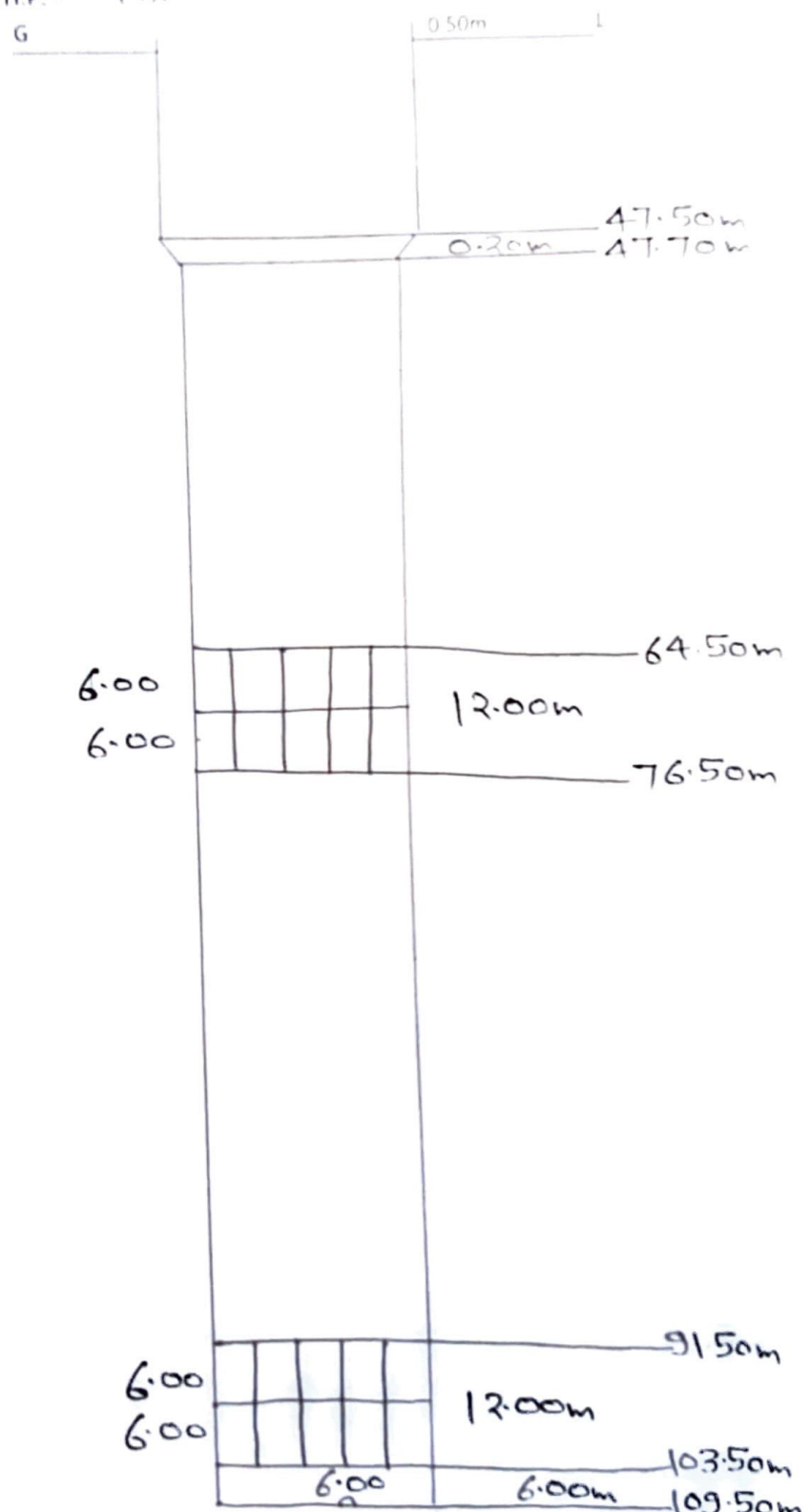
Borewell Assembly chart of **Khisewani**  
 District - **AYODHYA**


W/S Scheme Block - **Maya Pazar**

8/Lowering **16.5/150 m**  
 N Asse. Size **200x150 m**  
 S.W.L.  
 S.P. **24 m**

Bore Size **500x450mm**  
 Recommended Discharge **420 LPM**  
 D.O.L. -  
 H.P. - **48m**

- Logging Report - **19/06/23**
- 1. **39** - **43** ⇒ **04**
  - 2. **64** - **77** ⇒ **13**
  - 3. **90** - **104** ⇒ **14**
  - 4. **142** - **152** ⇒ **10**
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.
  - 11.
  - 12.



Prepared by  
  
 (Sampuranand)  
 A.E.

Approved by  
 (Mohd. Maaz)  
 E.E.

AGL (+) 0.50m  
Total → 110.00m