



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

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

VTL-GAJACTV  
CC : VSAIPPI-SCT, Ayodhya

Verified as per  
logs provided.

GSh  
15/05/23

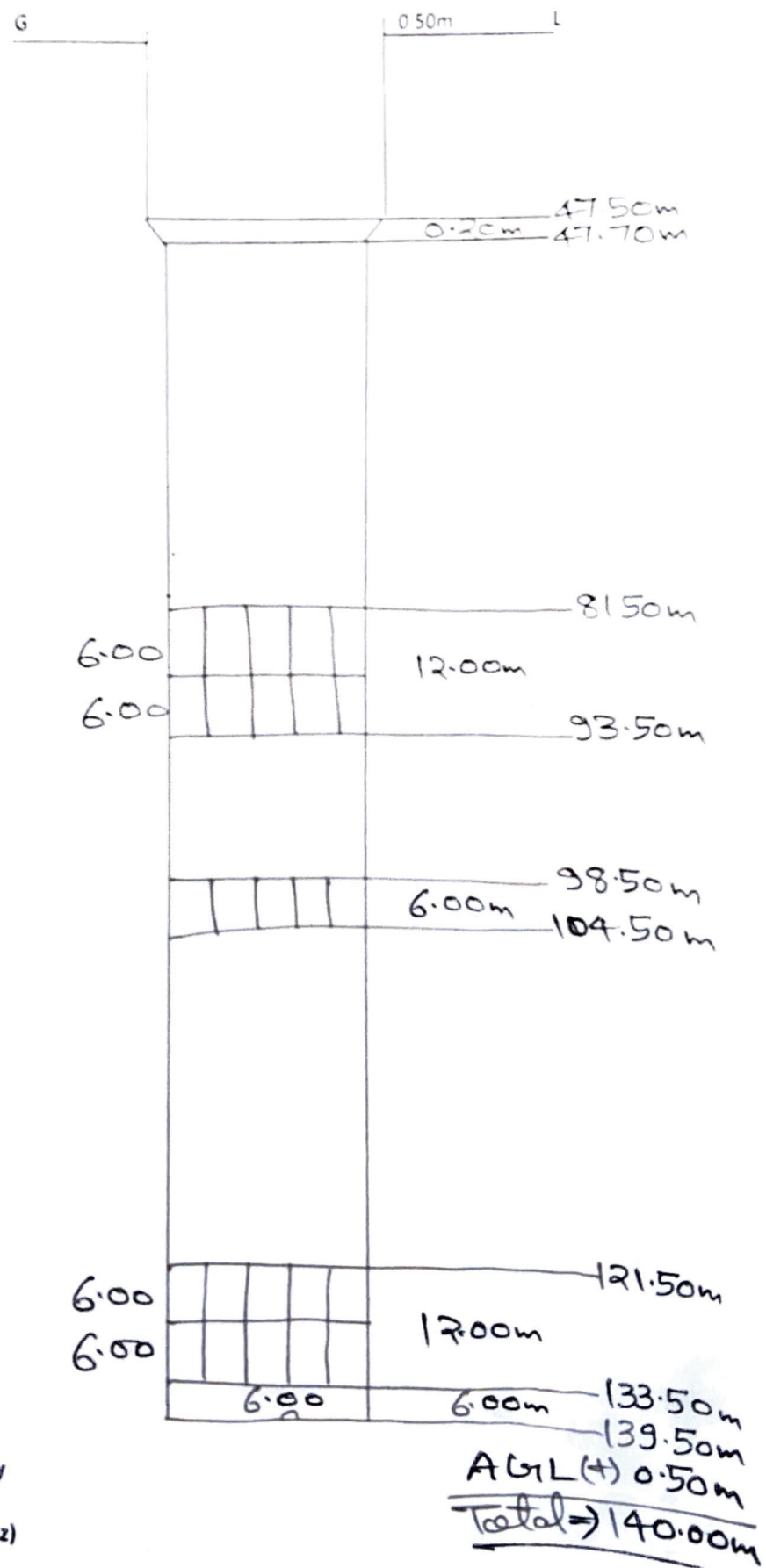
  
  
(A.K. Singh)  
Geophysicist

W.S. Tubewell Assembly chart of Bahikapur W.S. Scheme Block - Sahrawal  
 District - ANUPHAYA

Lowering 165/150 m  
 W. Asse Size 300x150 mm

Bore Size - 600x450 mm  
 Recommended Discharge - 750 LPM  
 D.O.L. -  
 H.P. - 48 m

30 m  
 Logging Report - 1A 105/23  
 1. 20 - 30 => 10  
 2. 40 - 47 => 07  
 3. 50 - 62 => 12  
 4. 80 - 95 => 15  
 5. 95 - 105 => 07  
 6. 114 - 135 => 17  
 7. 145 - 155 => 10  
 8.  
 9.  
 10.  
 11.  
 12.



Prepared by  
 (Sampuranand)  
 A.E.

Approved by  
 (Mohd. Maaz)  
 E.E.

AGL (+) 0.50 m  
Total => 140.00 m