



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Ayodhya/225

Date : 16.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Purkhepur Gangauli Wss . Block – Pura Bazar  
District – Ayodhya

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

**Logged Depth** : ~~150~~ mbgl 146 mbgl

**Date of Logging** : 16.05.23

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

**Logger Used** : ~~Uptron~~

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>29 – 35</del>   | <del>6</del>  | <del>Good</del> | <del>R<sub>mf</sub> = 23 Ωm</del>  |
| <del>2</del> | <del>40 – 46</del>   | <del>6</del>  | <del>Good</del> | <del>R<sub>w</sub> = 24.9 Ωm</del> |
| <del>3</del> | <del>50 – 55</del>   | <del>5</del>  | <del>Good</del> |                                    |
| <del>4</del> | <del>78 – 82</del>   | <del>4</del>  | <del>Good</del> |                                    |
| <del>5</del> | <del>85 – 95</del>   | <del>10</del> | <del>Good</del> |                                    |
| <del>6</del> | <del>100 – 110</del> | <del>10</del> | <del>Good</del> |                                    |
| <del>7</del> | <del>125 – 133</del> | <del>8</del>  | <del>Good</del> |                                    |
| <del>8</del> | <del>142 – 146</del> | <del>4</del>  | <del>Good</del> |                                    |

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

CC : M/S VTL – GAJA (JV)

*Verified as per logs provided*

*Gish  
17/05/23*

*Print*  
  
(A.K. Singh)  
Geophysicist

Used Tubewell Assembly chart of **Purkhepur**

W/S Scheme Block - **Pura Bazar**

District - **AYODHYA**

Drilling/Lowering -

165/150m

Bore Size - 600 X 450mm

T.W. Asse. Size -

300 X 150mm

Recommended Discharge - 990 LPM

S.W.L. -

24m

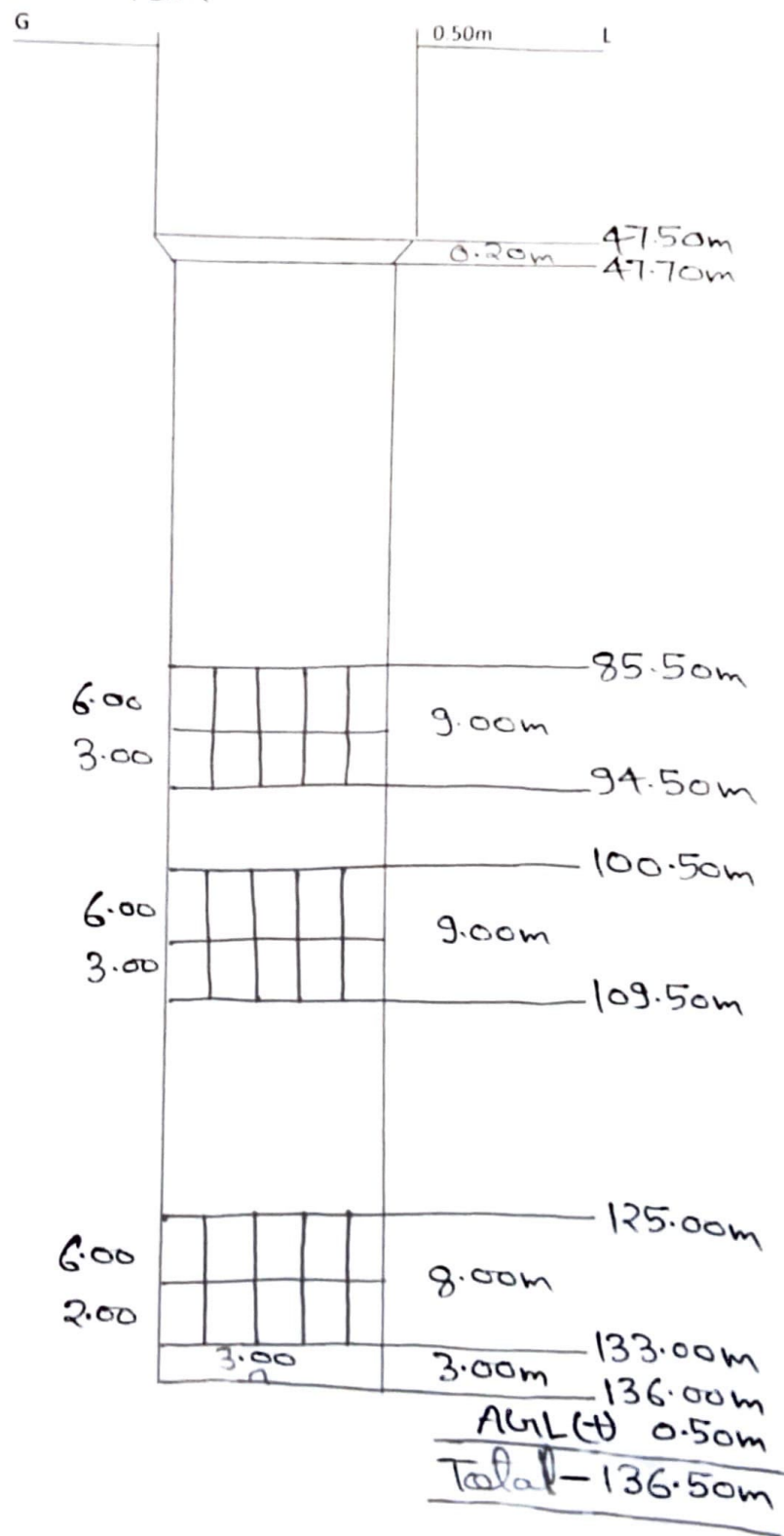
D.O.L. -

H.P. - 48m

S.P. -

Logging Report -

|    |     |   |     |   |    |
|----|-----|---|-----|---|----|
| 1  | 29  | - | 35  | ⇒ | 06 |
| 2  | 40  | - | 46  | ⇒ | 06 |
| 3  | 50  | - | 55  | ⇒ | 05 |
| 4  | 78  | - | 82  | ⇒ | 04 |
| 5  | 85  | - | 95  | ⇒ | 10 |
| 6  | 100 | - | 110 | ⇒ | 10 |
| 7  | 125 | - | 133 | ⇒ | 08 |
| 8  | 142 | - | 146 | ⇒ | 04 |
| 9  |     |   |     |   |    |
| 10 |     |   |     |   |    |
| 11 |     |   |     |   |    |
| 12 |     |   |     |   |    |



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