



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/261

Date : 16.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sufiya Para, Block – Masaudha
Distt. – Ayodhya

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 168 mbgl

Date of Logging : 16.07.23

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 _{mf} & R _w
1	29 – 42	13	Good	R _{mf} = 22 Ωm R _w = 24 Ωm
2	44 – 48	4	Good	
3	52 – 57	5	Good	
4	70 – 77	7	Good	
5	80 – 97	17	Good	
6	100 – 105	5	Good	
7	122 – 135	13	Good	
8	145 – 151	6	Good	
9	155 – 160	5	Good	

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

CC : VSAIPPL-SCL Ayodhya - (VTL-GASA (JV))



(A.K. Singh)
Geophysicist

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Assembled Tubewell Assembly chart of **Sufiya Para** W/S Scheme Block - **Mazodha**

District - **AYODHYA**

Bore Size - **500x450mm**
Recommended Discharge - **560 LPM**

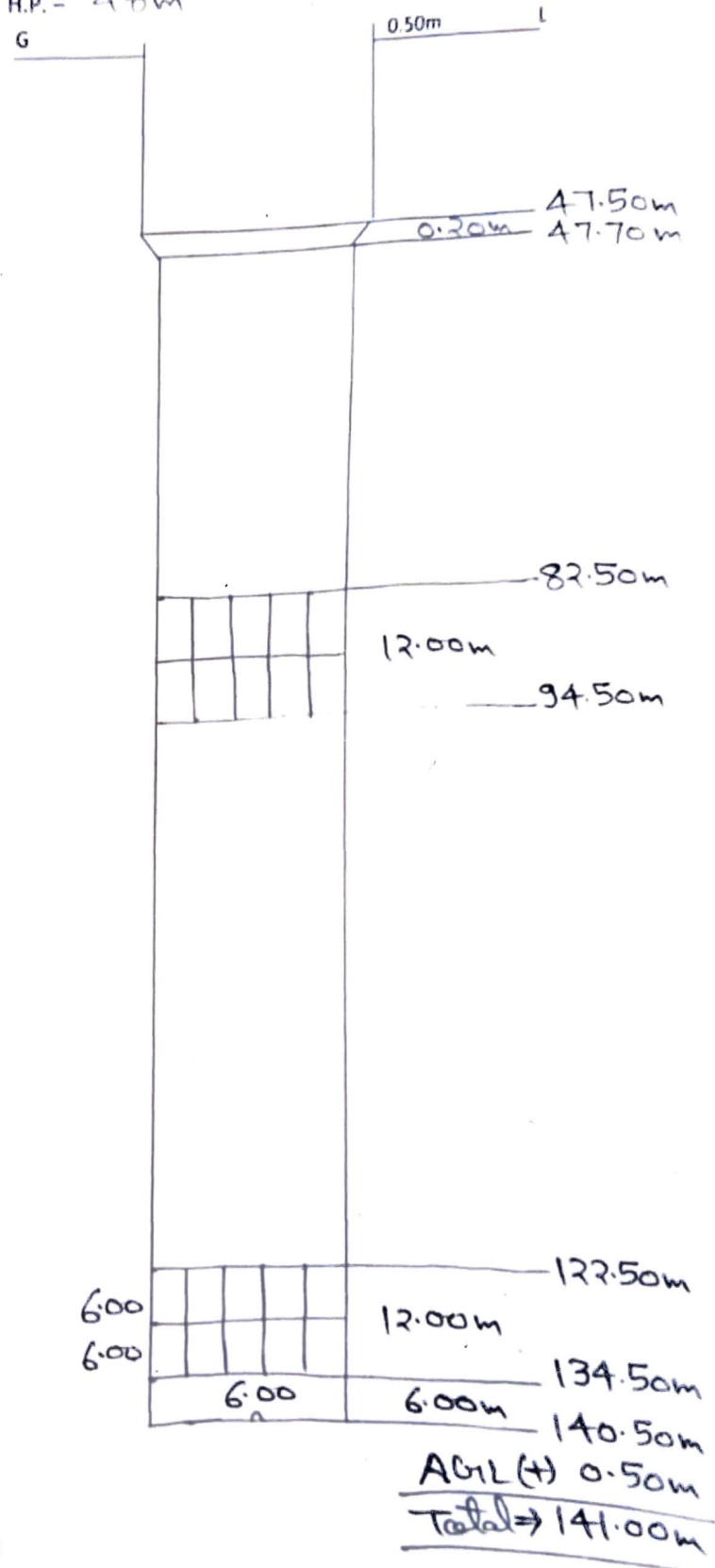
D.O.L. -
H.P. - **48m**

Drilling/Lowering - **165/150m**
W. Asse. Size - **200x150mm**

S.W.L. -
S.P. - **24m**

Logging Report - **16/07/23**

- 1- 29 - 42 ⇒ 13
- 2- 44 - 48 ⇒ 04
- 3- 52 - 57 ⇒ 05
- 4- 70 - 77 ⇒ 07
- 5- 80 - 97 ⇒ 17
- 6- 100 - 105 ⇒ 05
- 7- 122 - 135 ⇒ 13
- 8- 145 - 151 ⇒ 06
- 9- 155 - 160 ⇒ 05
- 10-
- 11-
- 12-



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