



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Ayodhya/103

Date : 28.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Kuchera, Block – Milkipur  
Distt. – Ayodhya

**Drilling Depth** : 170 mbgl as reported by driller

**Logged Depth** : ~~167~~ mbgl

**Date of Logging** : 28.12.22

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

**Logger Used** : ~~Optron~~

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	$R_{mf}$ & $R_w$
<del>1</del>	25 – 32	7	Good	<del><math>R_{mf} = 22.1 \Omega m</math></del> <del><math>R_w = 23.6 \Omega m</math></del>
<del>2</del>	39 – 45	6	Good	
<del>3</del>	50 – 58	8	Good	
<del>4</del>	64 – 81	17	Good	
<del>5</del>	104 – 108	4	Good	
<del>6</del>	124 – 128	4	Good	
<del>7</del>	158 – 162	4	Good, highly kankar mixed	

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

CC:

M/S VTL – GAJA (JV).

*Verified as per logs provided.*  
|  
GSh  
30/12/22

  
  
(A.K. Singh)  
Geophysicist

Proposed Tubewell Assembly chart of Kuchera

W/S Scheme Block - Milkapur

District - AYODHYA

D. Ring/Lowering - 165/150 m

Bore Size - 600X500mm

IPM

T.W. Asse. Size - 300X200mm

Recommended Discharge - 1300

S.W.L.

D.O.L.

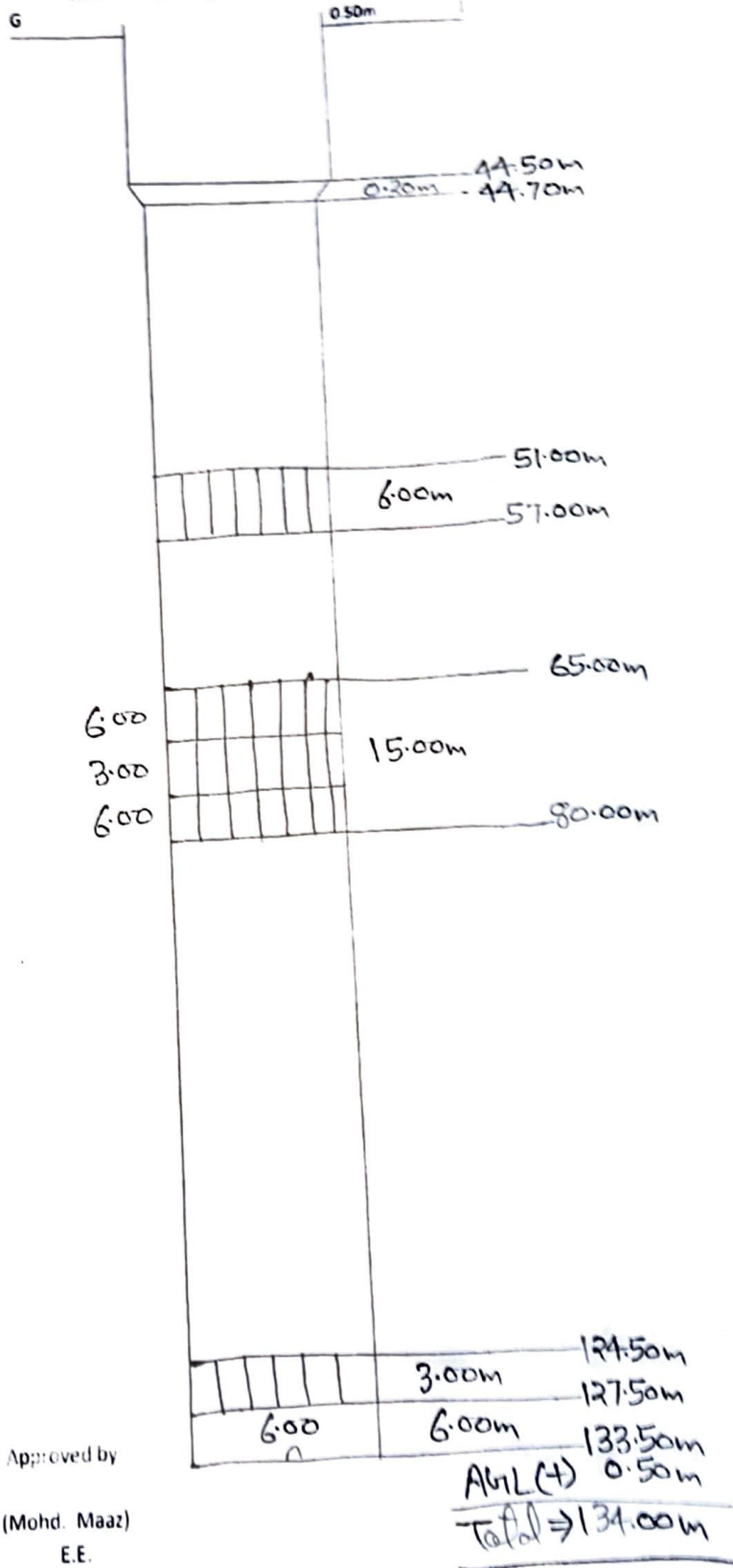
S.P. - 24 m

H.P. - 45 m

Logging Report - 28/12/22

- 1 25 - 32 → 07
- 2 33 - 45 → 06
- 3 50 - 58 → 08
- 4 64 - 81 → 17
- 5 104 - 103 → 04
- 6 124 - 128 → 04
- 7 158 - 162 → 04

- 8
- 9
- 10
- 11
- 12



Prepared by  
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