



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Ayodhya/181

Date : 13.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Mahrayi Mohammadpur, Block – Tarun  
Distt. – Ayodhya

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

**Logged Depth** : ~~125~~ mbgl

**Date of Logging** : 13.02.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	20 – 28	8	Good	<del><math>R_{mf} = 21.9 \Omega m</math> <math>R_w = 22.3 \Omega m</math></del>
<del>2</del>	34 – 38	4	Good	
<del>3</del>	42 – 45	3	Good	
<del>4</del>	69 – 73	4	Good	
<del>5</del>	78 – 86	8	Good	
<del>6</del>	90 – 110	20	Good, Intermixed kankar bands	
<del>7</del>	115 – 118	3	Good	

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

CC : M/S VTL – GAJA (JV)

*Verified as per logs provided.*

*G.S.*  
*14/02/23*

*Dr. Singh*  
  
(A.K. Singh)  
Geophysicist

Graja - Phase-III

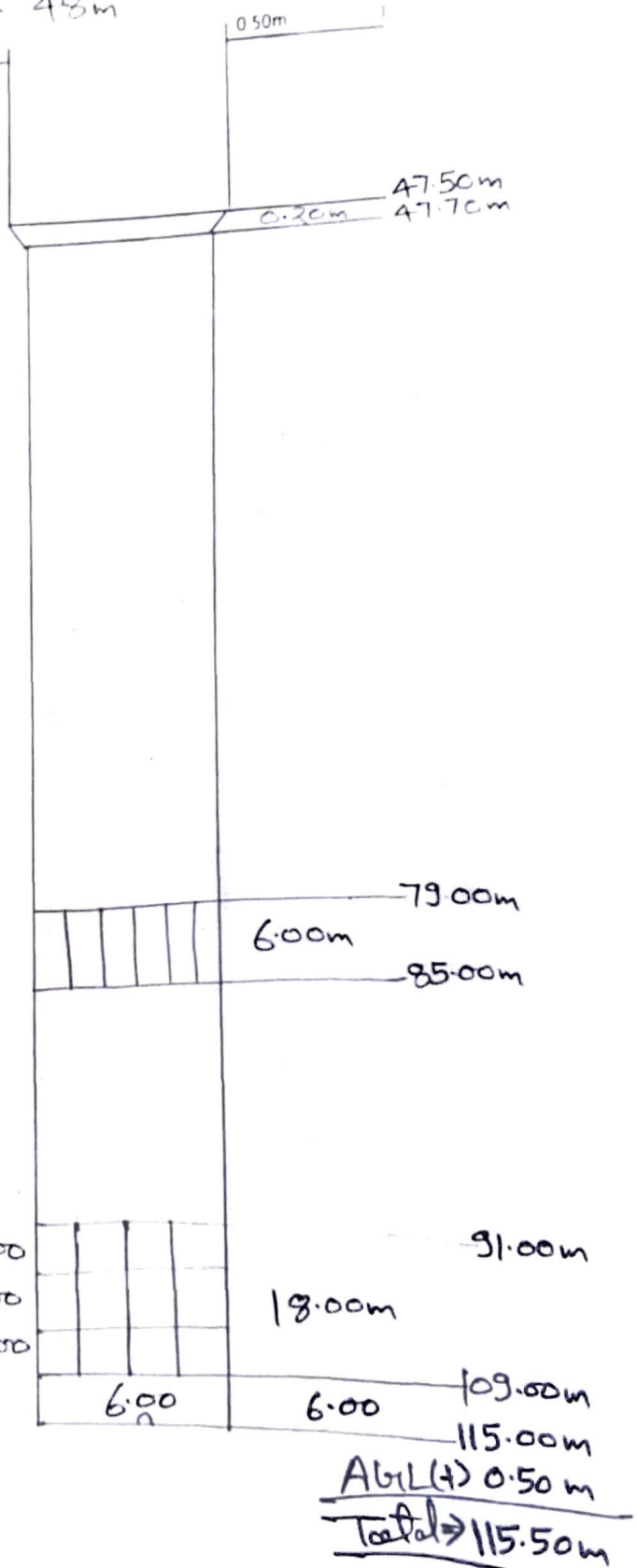
Proposed Tubewell Assembly chart of Mahanadi Mandapara's Scheme Block Taxon

Drilling/Lowering - 165/150m  
 T.W. Asse. Size - 200x150mm  
 S.W.L. -  
 S.P. - 24m

Bore Size - 500x450mm  
 Recommended Discharge - 450 LPH  
 D.O.L. -  
 H.P. - 48m

Logging Report - 13/02/23 G

- 1. 20 -- 25 → 03
- 2. 34 -- 38 → 04
- 3. 42 -- 45 → 03
- 4. 69 -- 73 → 04
- 5. 78 -- 86 → 03
- 6. 90 -- 110 → 20
- 7. 115 -- 118 → 03
- 8.
- 9.
- 10.
- 11.
- 12.



Prepared by  
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 A.E.

Approved by  
 (Mohd. Maaz)  
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ABIL (+) 0.50 m  
Total → 115.50m