

NAME OF THE DISTRICT- Wardha Pur  
 NAME OF THE BLOCK- Walg.  
 NAME OF THE GRAM PANCHAYAT-  
 NAME OF THE VILLAGE- Ahirauli  
 TYPE OF RIG M/C- RIC  
 SIZE OF BORE- 150mm x 100mm  
 STATIC WATER LEVEL-  
 J.E Incharge \_\_\_\_\_ A.E Incharge \_\_\_\_\_

Discharge - 250 LPM

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00				210 mm Dia Housing Pipe A.G.L. = 0.50 m mm Dia Housing Pipe ← m to 36.14 m mm Dia Reducer 35.84 m to 35.84 m
4.00		CLAY.		150 mm Dia BUND pipe 35.84 m to 128.17 m 150 mm Dia BUND pipe 128.17 m to 140.22 m 150 mm Dia BUND pipe 140.22 m to 146.74 m
41.50		MEDIUM SAND & KANKAR		
50.00		CLAY.		
52.00		FINE TO M. SAND & KANKAR.		
58.50		CLAY WITH KANKAR.		
106.50		VERY VERY FINE SAND.		
109.20		CLAYDY SAND.		
116.20		MEDIUM SAND & CLAY.		
120.50		CLAY.		
126.20		FINE TO MEDIUM SAND		
148.20		CLAY.		
156.00				

Total Assembly = 146.74 m + A.G.L (m) = 0.50 m = 146.74 m

ABSTRACT

1. Drilling Started- 17-07-23
2. Drilling Completed/Lowering 20-07-23 156 M
3. Drilling Depth (m)- 168.40 M
4. Assembly Lowered (m)- 146.74 M
5. Housing Pipe (m)- 36.14 M
6. Plain Pipe (m)- 98.35 M
7. Slotted Pipe (m)- 12.05 M
8. Reducer (m)- 0.20 M

LOGGING REPORT

- 1- 42-50 = 8.00 M
- 2- 52-58 = 6.00 M
- 3- 106-109 = 3.00 M
- 4- 116-120 = 4.00 M
- 5- 126-148 = 22.00 M
- 6-
- 7-
- 8-
- 9-
- 10-

SOUND TEST  
 VERTICALITY TEST

*[Handwritten signatures and stamps]*



# GROUND WATER INVESTIGATION CENTRE

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Ref: TDMA/WWP/JR/319

Date: 24-07-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ahirauli, Block – Gola, Distt. – Gorakhpur

Drilling Depth (m) : 168.00 mbgl as reported by Driller

Logged Depth (m) : 154.00 mbgl

Date of Logging : 24.07.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma



Logger Used : Robertson Geologging.,

Bore Hole Drilled by : NCC Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strara	$R_{mf}$ & $R_w$
1	42 – 50	8	Good	$R_{mf} = 05.91 \Omega m$ $R_w = 06.53 \Omega m$
2	52 – 58	6	Good	
3	106 – 109	3	Good	
4	116 – 120	4	Good	
5	126 – 148 ✓	22	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

  
  
(*[Signature]*)  
Geophysicist