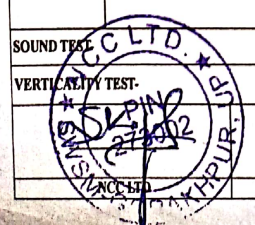


NAME OF THE DISTRICT: **GORAKHPUR**  
 NAME OF THE BLOCK: **WALUQA**  
 NAME OF THE GRAM PANCHAYAT: **BARHIPUR MANDAL**  
 NAME OF THE VILLAGE: **BARHIPUR MANDAL**

TYPE OF RIG MC: **RIC**  
 SIZE OF BORE: **100 MM X 500 MM**  
 STATIC WATER LEVEL: **-**  
 A.R. Incharge: **A.R. Incharge**

Discharge - 500 LPM

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0 M			200 MM	250 mm Dia Housing Pipe A.G.L. to 0.50 m
				150 mm Dia Housing Pipe m to 36.13 m
				150 mm Dia Reducer 36.13 m to 35.82 m
				150 mm Dia SLOTTED pipe 35.82 m to 35.99 m
				150 mm Dia SLOTTED pipe 35.99 m to 76.5 m
				150 mm Dia SLOTTED pipe 76.5 m to 116.19 m
				150 mm Dia SLOTTED pipe 116.19 m to 125.59 m
				150 mm Dia SLOTTED pipe 125.59 m to 131.61 m
				150 mm Dia DUND pipe 131.61 m to 132.11 m
40.00 M		CLAY		
50.00 M		MEDIUM SAND & KANKAR		
80.00 M		CLAY WITH KANKAR		
100.00 M		FINE TO MEDIUM SAND		
112.00 M		CLAY		
120.00 M		FINE TO MEDIUM SAND		
120.00 M		SAND CLAY		
122.00 M		FINE TO MEDIUM SAND		
130.00 M		SANDY CLAY		
134.00 M		FINE SAND		
155.00 M		SAND CLAY WITH KANKAR		
160.00 M		MEDIUM SAND		
165.00 M		CLAY		
			300 MM X 500 MM	
			150 MM	
			88.99 M	
			96.10 M	
			116.19 M	
			119.19 M	
			122.50 M	
			125.59 M	
			131.61	
			132.11 M	
				Total Assembly = 132.11 m + A.G.L. (m) = 0.50 m = 132.11 m
				ABSTRACT
				1. Drilling Started - 14-07-23
				2. Drilling Completed/Lowering - 16.5 21-07-23
				3. Drilling Depth (m) - 132.11 m
				4. Assembly Lowered (m) - 132.11 m
				5. Housing Pipe (m) - 36.13 m
				6. Plain Pipe (m) - 77.64 m
				7. Slotted Pipe (m) - 18.14 m
				8. Reducer (m) - 0.20 m
				LOGGING REPORT
				1. 40 - 58 = 18 M
				2. 80 - 100 = 20.00 M
				3. 115 - 120 = 5.0 M
				4. 122 - 126 = 4.0 M
				5. 130 - 134 = 4.0 M
				6. 155 - 162 = 7.0 M
				7.
				8.
				9.
				10.



J.E. & A.E.

F.M.C.T.P.I.A.

E.E.



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email: gl.amarsh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/300

Date: 19-07-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Rasulpur Mafi, Block – Urwa, Distt. – Gorakhpur

Drilling Depth (m) : 180.00 mbgl as reported by Driller

(167)

Logged Depth (m) : 165.20 mbgl

Date of Logging : 19.07.2023

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 Strata	R <sub>mf</sub> & R <sub>w</sub>
1	40 – 58	18	Good	R <sub>mf</sub> = 17.54 Ωm R <sub>w</sub> = 18.68 Ωm
2	80 – 100 ✓	20	Good	
3	115 – 120 ✓	5	Good	
4	122 – 126 ✓	4	Good	
5	130 – 134	4	Good	
6	155 – 162	7	Good	

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

  
  
(A. K. Singh)  
Geophysicist

