

NAME OF THE DISTRICT- **GORAKHPUR**  
 NAME OF THE BLOCK- **BELGHAT**  
 NAME OF THE GRAM PANCHAYAT- **SHIVPUR**  
 NAME OF THE VILLAGE- **SHIVPUR**

TYPE OF RIG/MC- **RC**  
 SIZE OF BORE- **500/500 mm Ø**  
 STATIC WATER LEVEL- **12M**  
 J.E Incharge \_\_\_\_\_ A.E Incharge \_\_\_\_\_

**DISCHARGE - 500 LPM**

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		CL	AGL 0.50M	200 mm Dia Housing Pipe A.G.L. = 0.50 m
				200 mm Dia Housing Pipe _____ m to 36.59 m
				200/150 mm Dia Reducer, 36.09 m to 36.29 m
		SANDY CLAY		150 mm Dia BLIND pipe 36.29 m to 57.55 m
				150 mm Dia SLOTTED pipe 57.55 m to 60.66 m
				150 mm Dia BLIND pipe 60.66 m to 78.63 m
				150 mm Dia SLOTTED pipe 78.63 m to 87.64 m
30.0M		MEDIUM SAND	36.09M 36.29M	150 mm Dia BLIND pipe 87.64 m to 97.56 m
				150 mm Dia SLOTTED pipe 97.56 m to 100.61 m
				150 mm Dia BLIND pipe 100.61 m to 108.63 m
				150 mm Dia SLOTTED pipe 108.63 m to 117.68 m
50.0M		CONCRETE CLAY	57.55M	_____ mm Dia _____ pipe _____ m to _____ m
54.0M		MEDIUM SAND	60.66M	_____ mm Dia _____ pipe _____ m to _____ m
61.0M		SANDY CLAY	78.63M	_____ mm Dia _____ pipe _____ m to _____ m
78.0M		MEDIUM SAND	87.64M	_____ mm Dia _____ pipe _____ m to _____ m
88.0M		SANDY CLAY	97.56M	_____ mm Dia _____ pipe _____ m to _____ m
97.0M		MEDIUM SAND	100.61M	_____ mm Dia _____ pipe _____ m to _____ m
101.0M			108.63M	_____ mm Dia _____ pipe _____ m to _____ m
108.0M			117.68M	_____ mm Dia _____ pipe _____ m to _____ m
12.0M		CONCRETE CLAY		_____ mm Dia _____ pipe _____ m to _____ m
124.0M		MEDIUM SAND		_____ mm Dia _____ pipe _____ m to _____ m
128.0M		CLAY		_____ mm Dia _____ pipe _____ m to _____ m
145.0M				_____ mm Dia _____ pipe _____ m to _____ m

Total Assembly = **117.68** m + A.G.L. (m) = **118.18** m

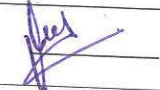

**ABSTRACT**

1. Drilling Started-
2. Drilling Completed/Lowering- **06/05/2022**
3. Drilling Depth (m)- **145.0M**
4. Assembly Lowered (m)- **118.18M**
5. Housing Pipe (m)- **36.59M**
6. Plain Pipe (m)- **63.28M**
7. Slotted Pipe (m)- **18.11M**
8. Reducer (m)- **0.20M**

**LOGGING REPORT**

1. 30 - 50 → 20.0
2. 54 - 61 → 7.0
3. 78 - 88 → 10.0
4. 97 - 101 → 4.0
5. 108 - 112 → 4.0
6. 124 - 128 → 4.0
- 7.
- 8.
- 9.
- 10.

SOUND TEST- \_\_\_\_\_  
 VERTICALITY TEST- \_\_\_\_\_

NCC LTD  **(Nandul Khasad) / (Babbar Yadav)** J.E & A.E  
 P.M.C/T.P.I.A  
 E.E



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 504 - S / AX - 2022

Date 04.05.2022

## Geophysical Borehole Logging Report

Name of the site : Shivpur, Block- Belghat  
District : Gorakhpur  
Date : 04.05.2022  
Depth logged : 130.0 mbgl  
Depth drilled : 145.0 mbgl  
Loggee used : Robertson make  
Presence : Representative of M/S NCC Limited, Gorakhpur - South

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	30.0--50.0	20.0	Good all
2	54.0--61.0	7.0	
3	78.0--88.0	10.0	
4	97.0--101.0	4.0	
5	108.0--112.0	4.0	
6	124.0--128.0	4.0	

Note. All zones are intermixed with fine bands of kankar.

Verified as per  
logs provided.

CC;

G. S. H.  
ASSISTANT HYDROGEOLOGIST  
to SANDEEP MANDAL  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

for Aqua Xplore

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