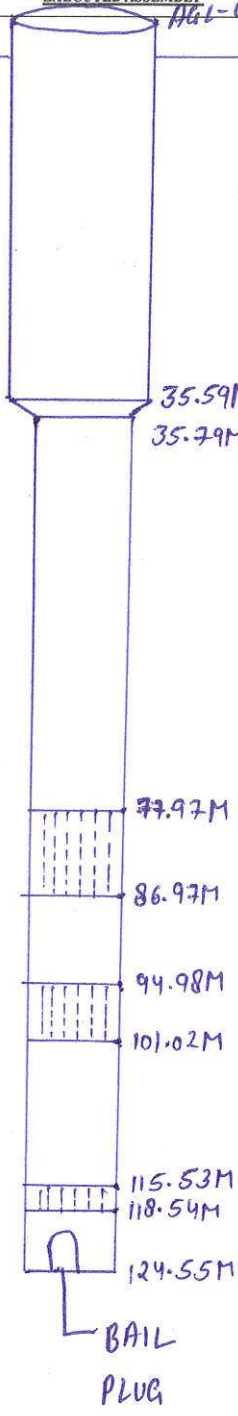


NAME OF THE DISTRICT- <b>GORAKHPUR</b>	TYPE OF RIG M/C- <b>RC</b>
NAME OF THE BLOCK- <b>BELGHAT</b>	SIZE OF BORE- <b>550/500 mm φ</b>
NAME OF THE GRAM PANCHAYAT- <b>SOMVAPUR</b>	STATIC WATER LEVEL- <b>13M</b>
NAME OF THE VILLAGE-	J.E Incharge _____ A.E Incharge _____

DISCHARGE - 500 LPM

DEPTH B.G.L IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		GL		200 mm Dia Housing Pipe A.G.L. = 0.50 m
				200 mm Dia Housing Pipe _____ m to 36.09 m
				200/150 mm Dia Reducer 35.59 m to 35.79 m
				150 mm Dia BLIND pipe 35.79 m to 77.97 m
		SANDY CLAY		150 mm Dia SLOTTED pipe 77.97 m to 86.97 m
				150 mm Dia BLIND pipe 86.97 m to 94.98 m
				150 mm Dia SLOTTED pipe 94.98 m to 101.02 m
26.0M				150 mm Dia BLIND pipe 101.02 m to 115.53 m
31.0M		MEDIUM SAND		150 mm Dia SLOTTED pipe 115.53 m to 118.54 m
35.0M		CONCRETE CLAY		150 mm Dia BLIND pipe 118.54 m to 124.55 m
				_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
		MEDIUM SAND		_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
64.0M		SANDY CLAY		_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
76.0M				_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
		MEDIUM SAND		_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
102.6M		SANDY CLAY		_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
114.0M		MEDIUM SAND		_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
120.0M		CONCRETE CLAY		_____ mm Dia _____ pipe _____ m to _____ m
125.0M		MEDIUM SAND		_____ mm Dia _____ pipe _____ m to _____ m
				_____ mm Dia _____ pipe _____ m to _____ m
137.0M		CLAY		_____ mm Dia _____ pipe _____ m to _____ m
145.0M				_____ mm Dia _____ pipe _____ m to _____ m



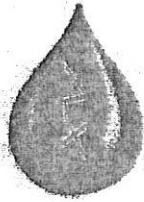
Total Assembly = 124.55 m + A.G.L. (m) = 125.05 m

**ABSTRACT**

- Drilling Started-
- Drilling Completed/Lowering- 05/04/2022
- Drilling Depth (m)- 145.0M
- Assembly Lowered (m)- 125.05M
- Housing Pipe (m)- 36.09M
- Plain Pipe (m)- 70.71M
- Slotted Pipe (m)- 18.05M
- Reducer (m)- 0.20M

**LOGGING REPORT**

1-	26 - 31	→	5.0
2-	34 - 84	→	30.0
3-	76 - 90	→	14.0
4-	93 - 102	→	9.0
5-	115 - 120	→	5.0
6-	125 - 137	→	12.0
7-			
8-			
9-			
10-			



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreilko@gmail.com

Advisor-Dr. R. A. Yadav, ex-Manager(Groundwater), U. P. Jal Nigam

Ref. 403 - S / AX - 2022

Date 03.04.2022

## Geophysical Borehole Logging Report

Name of the site : Somwapur, Block-Belghat  
District : Gorakhpur  
Date : 03.04.2022  
Depth logged : 140.0 mbgl  
Depth drilled : 145.0 mbgl-as reported  
Logged by : Aqua Xplore  
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
<del>1</del>	26.0—31.0	5.0	Good all Verified as per logs provided.
<del>2</del>	34.0—64.0	30.0	
<del>3</del>	76.0—90.0	14.0	
<del>4</del>	93.0—102.0	9.0	
<del>5</del>	115.0—120.0	5.0	
<del>6</del>	125.0—137.0	12.0	

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

for Aqua Xplore

CC;

1. Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gorakhpur.
2. M/S NCC Limited, Gorakhpur -South, SWSM.

Note - Sr No 2)  
34-47 and  
52-59 mbgl  
and Sr No 5)  
115-119 mbgl  
may consider.

ASSISTANT HYDROGEOLOGIST  
YANTRIK MANDAL  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ