

NAME OF THE DISTRICT-	GORAKHPUR	TYPE OF RIG MC-	RC
NAME OF THE BLOCK-	BELAHAT	SIZE OF BORE-	6.00 / 500 mm ϕ
NAME OF THE GRAM PANCHAYAT-	BHARASI	STATIC WATER LEVEL-	1.3M
NAME OF THE VILLAGE-	BHARSI	J.E Incharge	A.E Incharge

DISCHARGE - 11.50 LPM

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		GL		300 mm Dia Housing Pipe A.G.L. = 0.50 m (Thickness 7.1mm)
				300 mm Dia Housing Pipe m to 36.25 m
				300/150 mm Dia Reducer 35.75 m to 35.95 m
16.0M		SANDY CLAY		150 mm Dia BLIND pipe 35.95 m to 87.50 m (5.0mm)
		MEDIUM SAND		150 mm Dia SLOTTED pipe 87.50 m to 93.56 m (7.1mm)
23.0M				150 mm Dia BLIND pipe 93.56 m to 100.50 m
		SANDY CLAY		150 mm Dia SLOTTED pipe 100.50 m to 112.61 m
		VERY FINE SAND		150 mm Dia BLIND pipe 112.61 m to 127.23 m
33.0M		CONCRETE CLAY		150 mm Dia SLOTTED pipe 127.23 m to 139.36 m
37.0M			35.75M	150 mm Dia BLIND pipe 139.36 m to 142.36 m
42.0M		MEDIUM SAND	35.95M	
				mm Dia pipe m to m
				mm Dia pipe m to m
				mm Dia pipe m to m
				mm Dia pipe m to m
57.0M		SANDY CLAY		mm Dia pipe m to m
				mm Dia pipe m to m
76.0M		CONCRETE CLAY		mm Dia pipe m to m
				mm Dia pipe m to m
86.0M		MEDIUM SAND		mm Dia pipe m to m
			87.50M	mm Dia pipe m to m
95.0M		SANDY CLAY		93.56M
99.0M		MEDIUM SAND		100.50M
				112.61M
114.0M		SANDY CLAY		
118.0M		MEDIUM SAND		
122.0M		CONCRETE CLAY		
126.0M				127.23M
		MEDIUM SAND		
140.0M				139.36M
		CLAY		142.36M
150.0M				BAIL PLUG

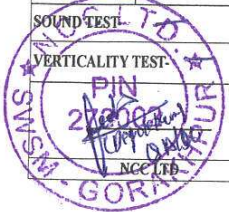
Total Assembly = 142.36 m + A.G.L. (m) = 142.86 m

ABSTRACT

1. Drilling Started - 27/11/2021
2. Drilling Completed/Lowering - 05/12/2021
3. Drilling Depth (m) - 150 M
4. Assembly Lowered (m) - 142.86 M
5. Housing Pipe (m) - 36.25 M
6. Plain Pipe (m) - 76.11 M
7. Slotted Pipe (m) - 30.30 M
8. Reducer (m) - 0.20 M

LOGGING REPORT

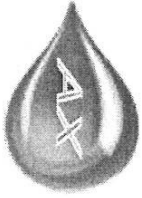
- 1- 16 - 22 \rightarrow 6.0
- 2- 32 - 36 \rightarrow 4.0
- 3- 40 - 56 \rightarrow 16.0
- 4- 87 - 94 \rightarrow 7.0
- 5- 100 - 113 \rightarrow 13.0
- 6- 118 - 123 \rightarrow 4.0
- 7- 126 - 140 \rightarrow 14.0
- 8-
- 9-
- 10-



(Mondu Paswad) (Babbar Gada)
JE & A.E

(Signature)
P.M./CT.P.L.A

(Signature)
E.E



Aqua Xplore

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

Ref 1203 - B / AX - 2021 Date 03.12.2021

Geophysical Borehole Logging Report

Name of the site : Bharasi, Block- Belghat
District : Gorakhpur
Date : 03.12.2021
Depth logged : 147.0 mbgl
Depth drilled : 150.0 mbgl
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
1	16.0--22.0	6.0	Good all
2	32.0--36.0	4.0	
3	40.0--56.0	16.0	
4	87.0--94.0	7.0	
5	100.0--113.0	13.0	
6	118.0--122.0	4.0	
7	126.0--140.0	14.0	

Note. Sl.No.2 is very fine sand.

for Aqua Xplore

CC;

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