

NAME OF THE DISTRICT: **Woodhappur**
 NAME OF THE BLOCK: **Belghat**
 NAME OF THE GRAM PANCHAYAT:
 NAME OF THE VILLAGE: **Belhikhurd**

TYPE OF RIG/M.C.: **Ric.**
 SIZE OF BORE: **500 MM X 500 MM**
 STATIC WATER LEVEL:
 J.R. Incharge: **A.F. Incharge**

Discharge - 550 LPM

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0 M			200MM	200 mm Dia Housing Pipe A.G.L. to 0.50 m
		CLAY	200MM	mm Dia Housing Pipe - m to 36.86 m
			150MM	mm Dia Reducer 36.86 m to 36.06 m
			150MM	150 mm Dia BLIND pipe 36.06 m to 80.50 m
			150MM	150 mm Dia SLOTTED pipe 80.50 m to 89.54 m
			150MM	150 mm Dia BLIND pipe 89.54 m to 102.07 m
			150MM	150 mm Dia SLOTTED pipe 102.07 m to 105.07 m
			150MM	150 mm Dia BLIND pipe 105.07 m to 125.32 m
			150MM	150 mm Dia SLOTTED pipe 125.32 m to 137.37 m
			150MM	150 mm Dia BLIND pipe 137.37 m to 143.46 m
44.20M		VERY VERY FINE SAND	150MM	mm Dia pipe m to m
52.00M		SANDY CLAY	150MM	mm Dia pipe m to m
56.50M		FINE SAND & KANKAR	150MM	mm Dia pipe m to m
60.20M		CLAY & KANKAR	150MM	mm Dia pipe m to m
64.50M		FINE SAND & KANKAR	150MM	mm Dia pipe m to m
		SANDY CLAY	150MM	mm Dia pipe m to m
80.20M			150MM	mm Dia pipe m to m
		FINE TO MEDIUM SAND	150MM	mm Dia pipe m to m
90.50M			150MM	mm Dia pipe m to m
		CLAY & KANKAR	150MM	mm Dia pipe m to m
102.20M		FINE TO MEDIUM SAND & KANKAR	150MM	mm Dia pipe m to m
		CLAY & KANKAR	150MM	mm Dia pipe m to m
110.50M		FINE SAND	150MM	mm Dia pipe m to m
114.20M		SAND & CLAY	150MM	mm Dia pipe m to m
124.50M		FINE TO MEDIUM SAND	150MM	mm Dia pipe m to m
		CLAY	150MM	mm Dia pipe m to m
140.50M			150MM	mm Dia pipe m to m
150.0M			150MM	mm Dia pipe m to m

Total Assembly = 143.46 m + A.G.L. (m) = 0.50 m = 143.96 M

ABSTRACT

1. Drilling Started - 13-08-22
2. Drilling Completed/Lowering - 21-08-22
3. Drilling Depth (m) - 155.0 M
4. Assembly Lowered (m) - 143.46 M
5. Housing Pipe (m) - 36.36 M
6. Plain Pipe (m) - 83.31 M
7. Slotted Pipe (m) - 24.09 M
8. Reducer (m) - 0.20 M

LOGGING REPORT

1. 44 - 48 = 4.0 M
2. 52 - 56 = 4.0 M
3. 60 - 64 = 4.0 M
4. 80 - 90 = 10.0 M
5. 102 - 106 = 4.0 M
6. 110 - 114 = 4.0 M
7. 124 - 140 = 16.0 M
- 8.
- 9.
- 10.

SOUND TEST:
 VERTICALITY TEST:
 JE & A.E. **Akm**
 P.M.C.T./P.L.A. **Shailash**
 E.E. **[Signature]**



(145)

Aqua Xplore

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Ref. 817 -- BK / AX - 2023 Date 17.08.2023

Geophysical Borehole Logging Report

Name of the site : Beili Khurd, Block- Belghat
District : Gorakhpur
Date : 17.07.2023
Depth logged : 149.0 mbgl
Depth drilled : 165.0 mbgl- as reported
Logger 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	44.0-48.0	4.0	Good all
2	52.0-56.0	4.0	
3	60.0-64.0	4.0	
4	80.0-90.0 ✓	10.0	
5	102.0-106.0 ✓	4.0	
6	110.0-114.0	4.0	
7	124.0-140.0 ✓	16.0	

Note. All zones are intermixed with kankar. Sl. Nos. 1 to 3 are fine sand & highly intermixed with kankar.

for Aqua Xplore

CC;

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

