

NAME OF THE DISTRICT: **Wardah Pur**
 NAME OF THE BLOCK: **Wagaha**
 NAME OF THE GRAM PANCHAYAT: **Syambuli**
 NAME OF THE VILLAGE: **Syambuli**

TYPE OF RIG/MC: **RIC**
 SIZE OF BORE: **600x500**
 STATIC WATER LEVEL: **-**
 J.F. Incharge: **-** A.F. Incharge: **-**

Discharge = 200 LPM

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.19			300mm	300 mm Dia Housing Pipe A.G.L. to 0.50 m
16.20		CLAY		150 mm Dia Housing Pipe - m to 36.45 m
20.50		MEDIUM SAND & CLAY KANKAR		150 mm Dia Reducer 35.75 m to 35.95 m
22.19				150 mm Dia SUND pipe 35.95 m to 77.59 m
26.50		MEDIUM SAND & KANKAR		150 mm Dia SLOTTED pipe 77.50 m to 99.50 m
30.20		CLAY		150 mm Dia SLOTTED pipe 99.50 m to 111.70 m
40.00		VERY VERY FINE SAND & CLAY		150 mm Dia SLOTTED pipe 111.70 m to 129.89 m
43.00		CLAY & KANKAR		150 mm Dia SLOTTED pipe 129.89 m to 135.96 m
48.00		FINE SAND		
50.30		CLAY		
54.20		VERY VERY FINE SAND & KANKAR		
59.20		CLAY & KANKAR		
74.20		FINE SAND		
80.30		CLAY		
90.50		FINE SAND		
99.50		CLAY		
110.20		FINE SAND		
129.90		CLAY		
154.20		FINE SAND		
157.20				
165.00				

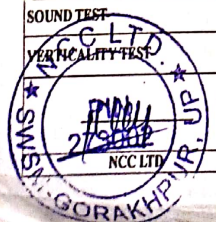
Total Assembly = 135.96 m + A.G.L. (m) = 0.50 m = 136.46 m

ABSTRACT

1. Drilling Started - 23.05.23
2. Drilling Completed/Lowering - 02.06.23
3. Drilling Depth (m) - 175.0 m All 65 m
4. Assembly Lowered (m) - 136.46 m
5. Housing Pipe (m) - 36.45 m
6. Plain Pipe (m) - 73.62 m
7. Slotted Pipe (m) - 26.19 m
8. Reducer (m) - 0.20 m

LOGGING REPORT

1. 16 - 20 = 4.0 m
2. 22 - 26 = 4.0 m
3. 36 - 40 = 4.0 m
4. 48 - 50 = 2.0 m
5. 54 - 59 = 5.0 m
6. 74 - 80 = 6.0 m
7. 96 - 100 = 4.0 m
8. 110 - 132 = 22.0 m
9. 154 - 157 = 3.0 m
- 10.



Atm
 J.E & A.E

MC
 P.M.C.T./P.I.A

[Signature]
 E.E



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 416 - S / AX - 2023 Date 30.05.2023

Geophysical Borehole Logging Report

Name of the site : Sukrauli, Block- Gagaha
District : Gorakhpur
Date : 30.05.2023
Depth logged : 163.0 mbgl
Depth drilled : 175.0 mbgl- as reported
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	16.0--20.0	4.0	Good all
2	22.0--26.0	4.0	
3	36.0--40.0	4.0	
4	43.0--50.0	7.0	
5	54.0--59.0	5.0	
6	74.0--80.0	6.0	
7	96.0--100.0	4.0	
8	110.0--132.0	12.0	
9	154.0--157.0	3.0	

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

Verified as per logs provided.

[Signature]

cc:

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

G. Gh.

30/05/23

