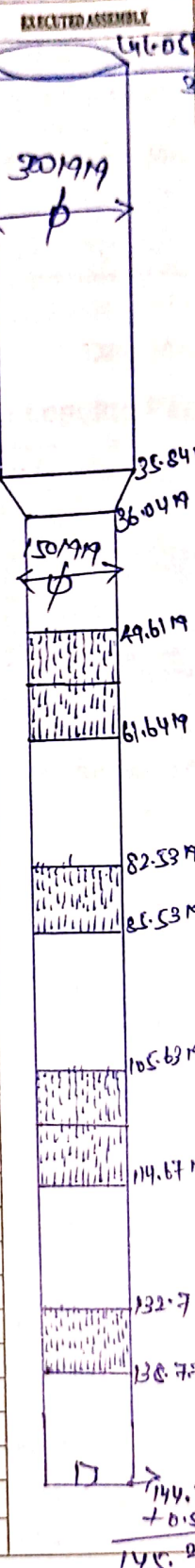


ABSTRACT: **Lupatath Pur**
 BLOCK: **Lupatath**
 THE GRAM PANCHAYAT: **Lupatath**
 NAME OF THE VILLAGE: **Lupatath**

TYPE OF BWS: **RIC**
 SIZE OF BORE: **(600 X 600) MM**
 STATIC WATER LEVEL: **-**
 I.R. Exchange: **-** I.R. Exchange

Discharge = 1000 LPM

DEPTH IN METER	BORING CHART	STRATA
0 M		
20 M		CLAY
27.50 M		MEDIUM SAND & KANKAR
30.0 M		CLAY
34.50 M		MEDIUM SAND & KANKAR
39.85 M		CLAY
49.85 M		MEDIUM SAND
62.50 M		CLAY
70.50 M		FINE SAND
74.20 M		CLAY
82.0 M		FINE SAND & KANKAR
86.0 M		CONCRETE CLAY
105.85 M		MEDIUM SAND & CLAY
115 M		CLAY
121 M		FINE SAND
125.20 M		CLAY
132 M		MEDIUM SAND
140.50 M		CONCRETE CLAY
143 M		FINE SAND & KANKAR
151 M		CLAY



ASSEMBLY DETAILS	
300 mm Dia Housing Pipe	0.50 m
300 mm Dia Reducer	0.34 m
150 mm Dia BUND pipe	36.04 m
150 mm Dia WATER pipe	49.61 m
150 mm Dia BUND pipe	61.64 m
150 mm Dia WATER pipe	82.53 m
150 mm Dia BUND pipe	85.53 m
150 mm Dia WATER pipe	105.63 m
150 mm Dia BUND pipe	114.67 m
150 mm Dia WATER pipe	132.72 m
150 mm Dia BUND pipe	138.77 m
Total Assembly = 144.79 m + A.G.L. (m) = 0.50 m = 145.29 m	

ABSTRACT	
1. Drilling Started-	11-02-23
2. Drilling Completed/Lowering-	20-02-23
3. Drilling Depth (m)-	165.0 M 154m
4. Assembly Lowered (m)-	145.29 M
5. Housing Pipe (m)-	36.34 M
6. Plain Pipe (m)-	78.64 M
7. Slotted Pipe (m)-	30.11 M
8. Reducer (m)-	0.20 M

LOGGING REPORT	
1.	20-27 - 7 M
2.	30-34 - 4.0 M
3.	49-62 - 13.0 M
4.	70-74 - 4.0 M
5.	82-86 - 4.0 M
6.	105-115 - 10.0 M
7.	121-125 - 4.0 M
8.	132-140 - 8.0 M
9.	143-151 - 8.0 M



JE & AE

P.M.C.T./P.L.A.

EE



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 218 - N/ AX - 2023 Date 18.02.2022

Geophysical Borehole Logging Report

Name of the site : Narayanpur Khurd, Block- Gagaha
District : Gorakhpur
Date : 18.02.2022
Depth logged : 154.0 mbgl
Depth drilled : 165.0 mbgl
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	20.0---27.0	7.0	Good all
2	30.0---34.0	4.0	
3	49.0---62.0	13.0	
4	70.0---74.0	4.0	
5	82.0--- 86.0	4.0	
6	105.0---115.0	10.0	
7	121.0---125.0	4.0	
8	132.0---140.0	8.0	
9	143.0---151.0	8.0	

Note. All zones are intermixed with fine bands of kankar. Sl.Nos.4 & 7 are fine sand. Sl.No.9 is highly intermixed with kankar..

Verified as per logs provided.

[Signature]

for Aqua Xplore

CC;

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

