



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

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

Ref 406 - B / AX - 2022

Date 06.04.2022

Geophysical Borehole Logging Report

Name of the site : Bheera Ghasi, Block- Nakha

District : Kheri

Date : 06.04.2022

Depth logged : 164.0 mbgl

Depth drilled : 165.0 mbgl- as reported

Logged by : Aqua Xplore

Presence : Rep.of M/S NCC/ NRC

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--32.0	12.0	Good all
2	38.0--50.0	12.0	
3	53.0--63.0	10.0	
4	68.0--84.0	16.0	
5	96.0--100.0	4.0	
6	104.0--120.0	16.0	
7	124.0--137.0	13.0	
8	143.0--150.0	7.0	
9	152.0--157.0	5.0	

Note. Sl. No. 4 is intermixed with kankar.

for Aqua Xplore

CC;

1. M/S NCC, Kheri
2. M/S N.R. Constructions, Plot No.56, Pragathi Nagar Yousufguda, Hyderabad - 500045, Telangana

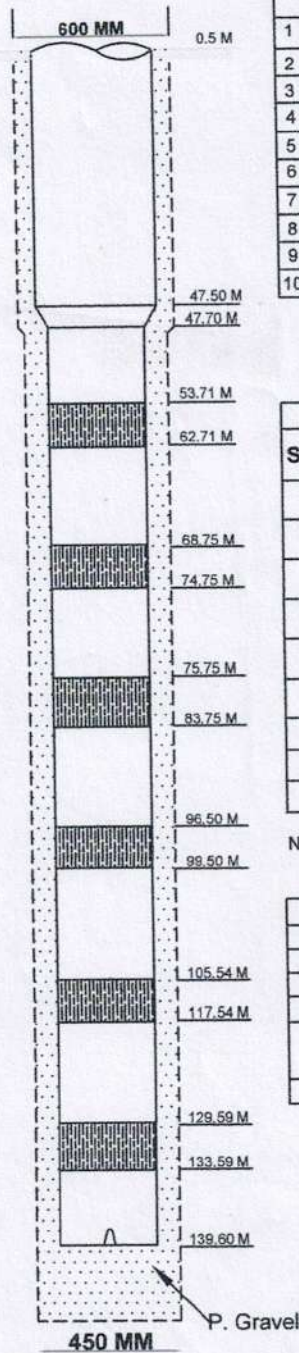
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Bheeraghasi, Block-Nakaha, District, Lakhimpur Kheri.
Name of Program :- J. J. M-2
Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)
Name of Contractor :- M/S NCC Limited
Name of TPI :- Ceinsys Tech Limited
Contract Agreement :- 64/ED/2020-21 Dated on 12.03.2021
Cover Agreement :- 157/ED/2021-22 Dt. 09 October, 2021

Lowered Assembly Chart of T. W of Bheeraghasi G.P W/S Scheme District :- Lakhimpur Kheri.

Strata

0-3 mtr Surface Clay
3-20 mtr Clay & Silty Clay.
20-32 mtr Fine Sand
32-38 mtr Clay
38-50 mtr Fine Sand
50-53 mtr Sandy soil
53-63 mtr Fine to Medium Sand
63-68 mtr Clay
68-84 mtr Fine Sand mixed with Kankar
84-96 mtr Sandy soil
96-100 mtr Medium Sand
100-104 mtr Sandy Clay with Caving Clay
104-120 mtr Fine Sand to Medium sand
120-124 mtr Clay with Kankar soil
124-137 mtr Fine to Medium Sand
137-143 mtr Clay with kankar
143-150 mtr Fine to Medium Sand
150-152 mtr Clay with Kankar
152-157 mtr Fine to Medium Sand
157-164 mtr Clay With Kankar soil



ABSTRACT

1	Type of Rig Machine	:- DC Cum RC
2	Static Water level	:-
3	Required Discharge	:- 1050 LPM
4	Bore Size (MM)	:- 600x450
5	Assembly Size (MM)	:- 300 x 150
6	Drilling Starting Date	:- 30.03.2022
7	Drilling Completion Date	:- 05.04.2022
8	Total Depth Of Drilling	:- 165.0 M
9	Logging Date	:- 06.04.2022
10	Logging Depth	:- 164.0M

Logging Report By Aqua Xplore Lucknow

Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	20-32	12	Fine to Medium Sand (Good All)
2	38-50	12	
3	53-63	10	
4	68-84	16	
5	96-100	4	
6	104-120	16	
7	124-137	13	
8	143-150	7	
9	152-157	5	

NOTE: Sl.No 4 is intermixed with Kankar.

11. Details of Lowered Assembly

i) 300 mm Dia Housing Pipe	:- 48.0 Meter
ii) 150 mm Dia M. S. Slotted pipe	:- 42.0 Meter
iii) 150 mm Dia M. S. Plain pipe	:- 49.90 Meter
iv) 300 x 150 mm Dia M S Reducer	:- 0.20 Meter
Total	:- 140.10Meter
AGI	:- 00.50 Meter
BGL	:- 139.60Meter

12. Date of Lowering :- 07.04.2022

Recommended & Prepared by
[Signature]

Verified by
[Signature]

Recommended by
[Signature]

Approved by
[Signature]

J.E

A.E

E.E