



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

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

Ref 516 - S / AX - 2022

Date 16.05.2022

## Geophysical Borehole Logging Report

Name of the site : Saidipur Haraiya, Block- Nakaha

District : Kheri

Date : 16.05.2022

Depth logged : 165.0 mbgl

Depth drilled : 165.0 mbgl- as reported

Logger use : Robertson

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
<del>1</del>	24.0-----32.0	8.0	Good all
<del>2</del>	37.0-----57.0	20.0	
<del>3</del>	65.0-----75.0	10.0	
<del>4</del>	78.0-----92.0	14.0	
<del>5</del>	100.0-----128.0	28.0	
<del>6</del>	134.0-----150.0	16.0	

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

Verified as per  
logs provided  
Gill  
16/5/22

for Aqua Xplore

CC;

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

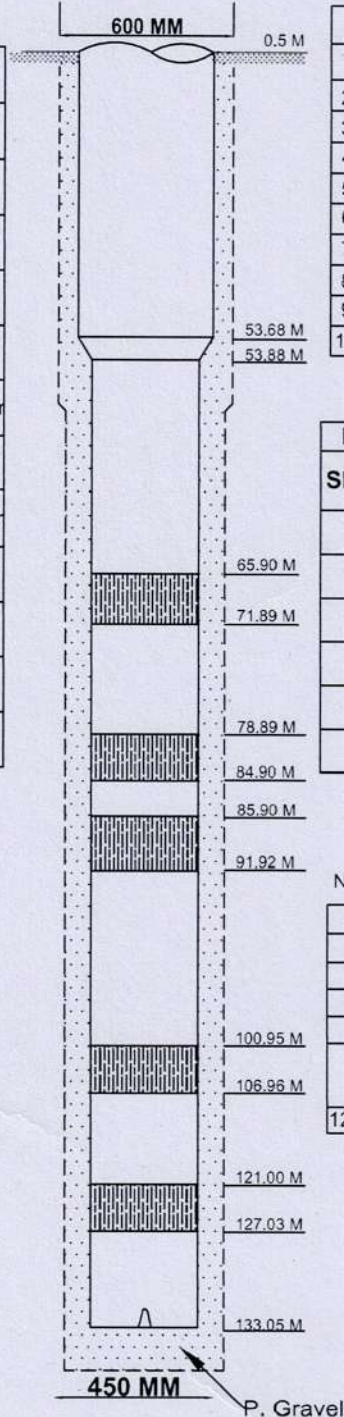
## COMPLETION PLAN OF TUBEWELL

**Name of work** :- Construction of T. W. of G.P Saidipur Hariya, Block-Nakha, District, LakhimpurKheri.  
**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  
**Cover Agreement** :- 200/ED/2021-22 III Dt. 30 November 2021

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

### Strata

0-3 mtr Surface Clay
3-24 mtr Clay & Silty Clay.
24-32 mtr Fine Sand With Kankar
32-37 mtr Clay with Kankar
37-57 mtr Fine Sand with Kankar
57-65 mtr Sandy soil With Kankar
65-75 mtr Fine to Medium Sand With Kankar
75-78 mtr Clay with Kankar
78-92mtr Fine to Medium Sand With Kankar
92-100 mtr Sandy soil with Caving Clay
100-128 mtr Fine Sand With Kankar
128-134 mtr Sandy soil With Kankar
134-150 mtr Fine Sand With Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :- 10 Mtr
3	Required Discharge :- 900 LPM
4	Bore Size (MM) :- 600x450
5	Assembly Size (MM) :- 300 x 150
6	Drilling Starting Date :- 07.05.2022
7	Drilling Completion Date :- 15.05.2022
8	Total Depth Of Drilling :- 165 mtr
9	Logging Date :- 16.05.2022
10	Logging Depth :- 165M

Logging Report By Ground Water Investigation Center			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	24-32	8	Fine to Medium Sand (Good All)
2	37-57	20	
3	65-75	10	
4	78-92	14	
5	100-128	28	
6	134-150	16	

Note:-All Zone are intermixed with fine bands of kankar

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 54.18 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 30.60Meter
iii)	150 mm Dia M. S. Plain pipe :- 48.57 Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 133.55 Meter	
AGI :- 00.50 Meter	
BGL :- 133.05 Meter	
12. Date of Lowering	:- 17.05.2022

Recommended  
&  
Prepared by

M/s NCC Ltd

Verified by

M/s Ceinsys Tech Ltd

Recommended by

J.E  
13th Division UP Jal  
Nigam (R) Lucknow

Approved by

A.E  
13th Division UP Jal  
Nigam (R) Lucknow

E.E  
13th Division U.P Jal Nigam  
(R) Lucknow