



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

Ref 415 - R / AX- 2022

Date 15.04.2022

Geophysical Borehole Logging Report

Name of the site : Raipur Isanagar, Block- Isha Nagar
District : Kheri
Date : 15.04.2022
Depth logged : 162.0 ~~mbgl~~
Depth drilled : 165.0 mbgl- as reported
Logger use : UPTRON
Presence : Rep.of M/S NCC/ NRC/Neeram, Kheri

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(mbg)	Thickness(m)	Remarks
1	20.0—40.0	20.0	Good all
2	45.0—70.0	25.0	
3	73.0—83.0	10.0	
4	93.0—100.0	7.0	
5	105.0—132.0	27.0	
6	137.0—160.0	23.0	

Note.

Verified as per logs provided.

Note- All zones are intermixed with fine bands of kaolinite

ASSISTANT HYDROGEOLOGIST
YANTRIKAMANDA
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

for Aqua Xplore

CC;

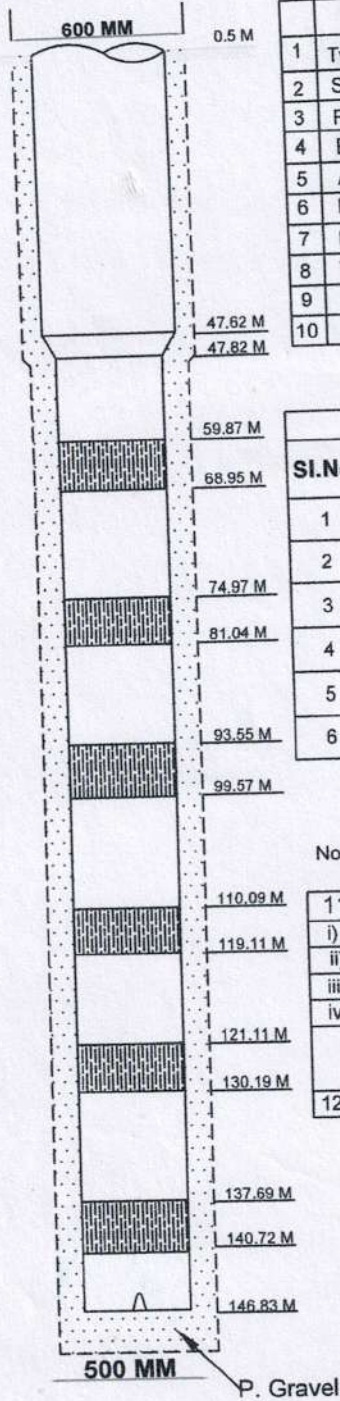
1. M/S NCC, Kheri
2. M/S N.R. Constructions, Plot No.56, Pragathi Nagar Yousufguda, Hyderabad - 500045, Telangana
2. M/S Neeram Enterprises Private Limited, Shop No.2, Hera Complex, Picnic Spot Road, Lucknow-226016.

COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Raipur Isanagar, Block-Isanagar, 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
Cover Agreement :- 245/ED/2021-22/IV 20 February 2022
Lowered Assembly Chart of T. W of Raipur Isanagarr G.P W/S Scheme District :- Lakhimpur Kheri.

Strata

0-3 mtr Surface Clay
3-20 mtr Sandy Clay
20-40 mtr Fine Sand With Kankar
40-45 mtr Clay with Kankar
45-70 mtr Fine Sand with Kankar
70-73 mtr Clay With Kankar
73-83 mtr Fine to Medium Sand With Kankar
83-93 mtr Clay with Kankar
93-100mtr Fine to Medium Sand With Kankar
100-105 mtr Caving Clay
105-132 mtr Medium Sand With Kankar
132-137 mtr Clay With Kankar
137-160 mtr Fine Sand With Kankar
160-162 mtr Clay with Kankar soil



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Static Water level :-
3	Required Discharge :- 1500 LPM
4	Bore Size (MM) :- 600x500
5	Assembly Size (MM) :- 300 x 200
6	Drilling Starting Date :- 08.04.2022
7	Drilling Completion Date :- 14.04.2022
8	Total Depth Of Drilling :- 165M
9	Logging Date :- 15.04.2022
10	Logging Depth :- 162M

Logging Report By Aqua Xplore Lucknow			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	20-40	20	Fine to Medium Sand (Good All)
2	45-70	25	
3	73-83	10	
4	93-100	7	
5	105-132	27	
6	137-160	23	

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

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 48.12 Meter
ii)	200 mm Dia M. S. Slotted pipe :- 42.30Meter
iii)	200 mm Dia M. S. Plain pipe :- 56.71 Meter
iv)	300 x 200 mm Dia M S Reducer :- 0.20 Meter
Total :- 147.33 Meter	
AGI :- 00.50 Meter	
BGL :- 146.83 Meter	
12.	Date of Lowering :- 17.04.2022

Recommended & Prepared by



Verified by

[Signature]

Recommended by

[Signature]
J.E

Approved by

[Signature]
A.E

E.E