

Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Khambhar Khara , Block- Phool beher, District, Lakhimpur Kheri. *Zone - 1*

Name Of Program :- J. J. M-2

Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)

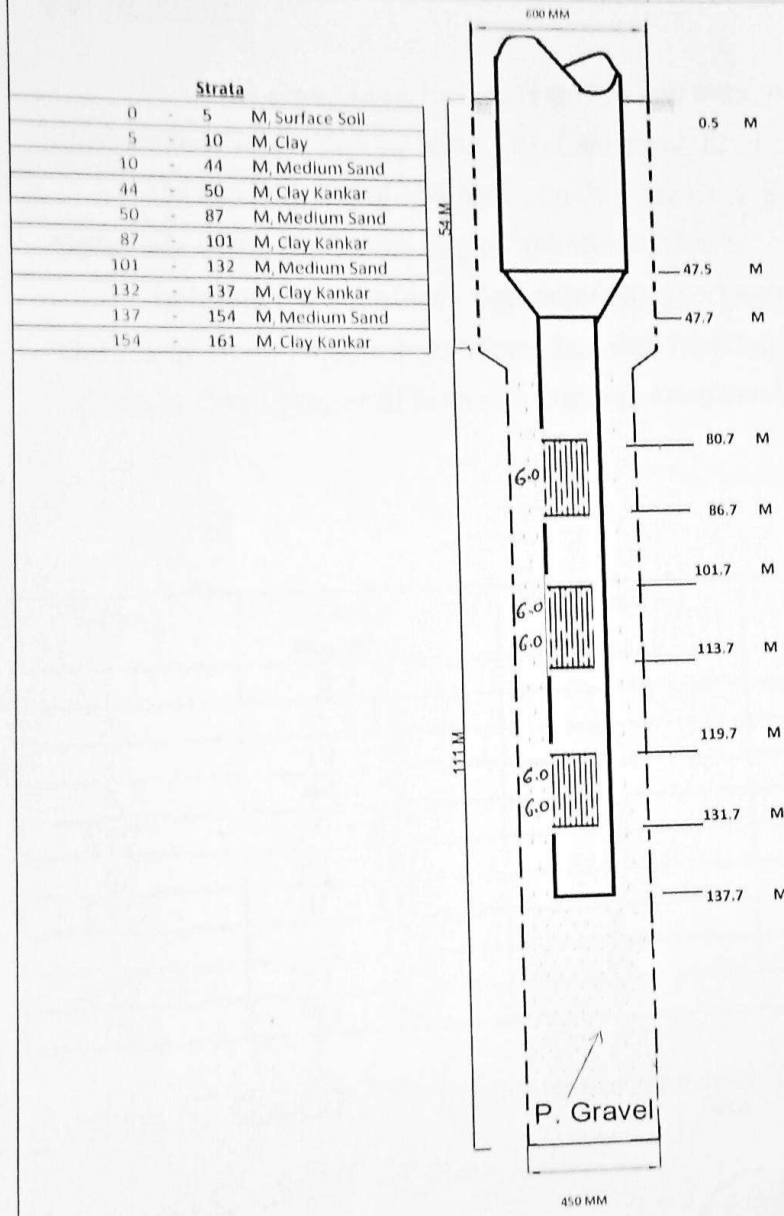
Name Of Contractor :- M/S NCC Limited

Name Of TPI :- Ceinsys Tech Limited

Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021

Cover Agreement :- 492/ED/Phase-2/2022-23/XIII, Dt. 03.03.2023

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



ABSTRACT			
1	Type of Rig Machine		DC/RC
2	Static Water level		
3	Required Discharge		950 LPM
4	Bore Size (MM)		600 X 450
5	Assembly Size (MM)		300 X 150
6	Drilling Starting Date		10-05-2023
7	Drilling Completion Date		14-05-2023
8	Total Depth Of Drilling		165 M
9	Logging Date		15-05-2023
10	Logging Depth		161 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	50 - 87	37	(Good All)
2	101 - 132	31	
3	140 - 154	14	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	48.0 M
ii)	150	MM Dia M. S. Slotted pipe	30.0 M
iii)	150	MM Dia M. S. Plain pipe	60.0 M
iv)	300 X 150	MM Dia M S Reducer	0.2 M
Total			138.20 Meter
AGL			0.50 Meter
BGL			137.70 Meter
12	Date of Lowering		16-05-2023

Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.

Recommended by
Ashish Kumar
ASHISH KUMAR
13th Division U.P. Jal Nigam (R) Lucknow
Divisional Officer (E&M)
U.P. JAL NIGAM (R)
LUCKNOW

Approved by
Vinod Kumar
VINOD KUMAR
13th Division U.P. Jal Nigam (R) Lucknow
Divisional officer (E&M)
U.P. Jal Nigam (R)
Lucknow

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHUMBER KHEDI, BLOCK- PHOOLBEHAD,
DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~161~~ mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 15.May.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = ~~18.90~~ Ohms.

Drilling Water Resistivity = ~~20.10~~ Ohms.

Approx Water Level = 2 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay	
3.	10 - 44	34	Medium sand	Good
4.	44 - 50	6	Clay kankar	
5.	50 - 87*	37	Medium sand	Good
6.	87 - 101	14	Clay kankar	
7.	101 - 132*	31	Medium sand	Good
8.	132 - 137	5	Clay kankar	
9.	137 - 154*	17	Medium sand	Good
10.	154 - 161	7	Clay kanakar	

- Sr No 5 and 7 thus
bands of kankar

- Sr No 9 - 140 - 154
| (14m)

GSh

16/05/23

Ground Water Survey Consultancy
Agra



- Logging performed
as per SCWSM guideline
- es.
- Ground water quality
interpreted by firm
as per their logger
calibration.