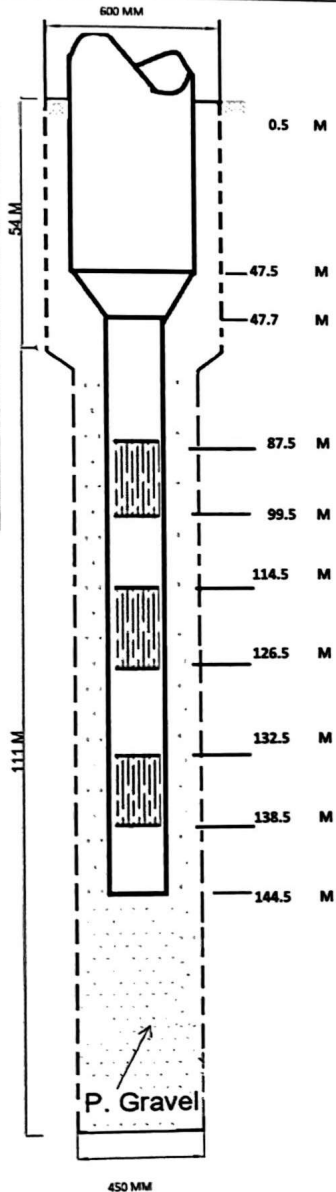


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Pipra Marora, Block- Phool Behar, 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 Dt. 12.03.2021
 Cover Agreement :- 313/ED/2022-23/V Dt. 02.08.2022

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

Strata		
0 - 5	M, Surface Soil	
5 - 25	M, Medium Sand	
25 - 34	M, Clay Kankar	
34 - 44	M, Medium Sand	
44 - 46	M, Clay Kankar	
46 - 64	M, Medium Sand	
64 - 70	M, Clay Kankar	
70 - 82	M, Medium Sand	
82 - 86	M, Clay Kankar	
86 - 100	M, Medium Sand	
100 - 110	M, Clay Kankar	
110 - 127	M, Medium Sand	
127 - 131	M, Clay Kankar	
131 - 142	M, Medium Sand	
142 - 146	M, Clay Kankar	
146 - 155	M, Medium Sand	
155 - 165	M, Clay Kankar	




ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 1050 LPM
4	Bore Size (MM)	:- 600 X 450
5	Assembly Size (MM)	:- 300 X 150
6	Drilling Starting Date	:- 22-04-2023
7	Drilling Completion Date	:- 26-04-2023
8	Total Depth Of Drilling	:- 165 M
9	Logging Date	:- 27-04-2023
10	Logging Depth	:- 165 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	46 - 64	18	(Good All)
2	70 - 82	12	
3	86 - 100	14	
4	110 - 127	17	
5	132 - 142	10	

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	:- 66.8 M
iv)	300 X 150	MM Dia M S Reducer	0.2 M
Total			:- 145.00 Meter
AGL			:- 0.50 Meter
BGL			:- 144.50 Meter
12	Date of Lowering	:-	29-04-2023


Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.


ASHISH KUMAR
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

Recommended by

Vinod Kumar
 Assistant Engineer
 13th Division UP Jal Nigam (R) Lucknow

Approved by

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

Vinod Kumar
 Assistant Engineer
 Divisional officer (E&M)
 U.P. Jal Nigam (R)

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PIPRA MARORA, BLOCK- PHOOLBEHAD,
DISTT- LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~165~~ 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 27.April.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 = ~~23.51~~ Ohms.

Drilling Water Resistivity = ~~24.70~~ 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 - 25	20	Medium sand	Good
3.	25 - 34	9	Clay kankar	
4.	34 - 44	10	Medium sand	Good
5.	44 - 46	2	Clay kankar	
6.	46 - 64*	18	Medium sand	Good
7.	64 - 70	6	Clay kankar	
8.	70 - 82*	12	Medium sand	Good
9.	82 - 86	4	Clay kankar	
10.	86 - 100*	14	Medium sand	Good
11.	100 - 110	10	Clay kankar	
12.	110 - 127*	17	Medium sand	Good
13.	127 - 131	4	Clay kankar	
14.	131 - 142*	11	Medium sand	Good
15.	142 - 146	4	Clay kankar	
16.	146 - 155*	9	Medium sand	Good
17.	155 - 165	10	Clay kankar	

S/N 014-132-142
(10m)

G.Sh
25/04/23

Ground Water Survey Consultancy



Logging performed as per SWSM guidelines. Groundwater Quality interpreted by femas per their logger calibr