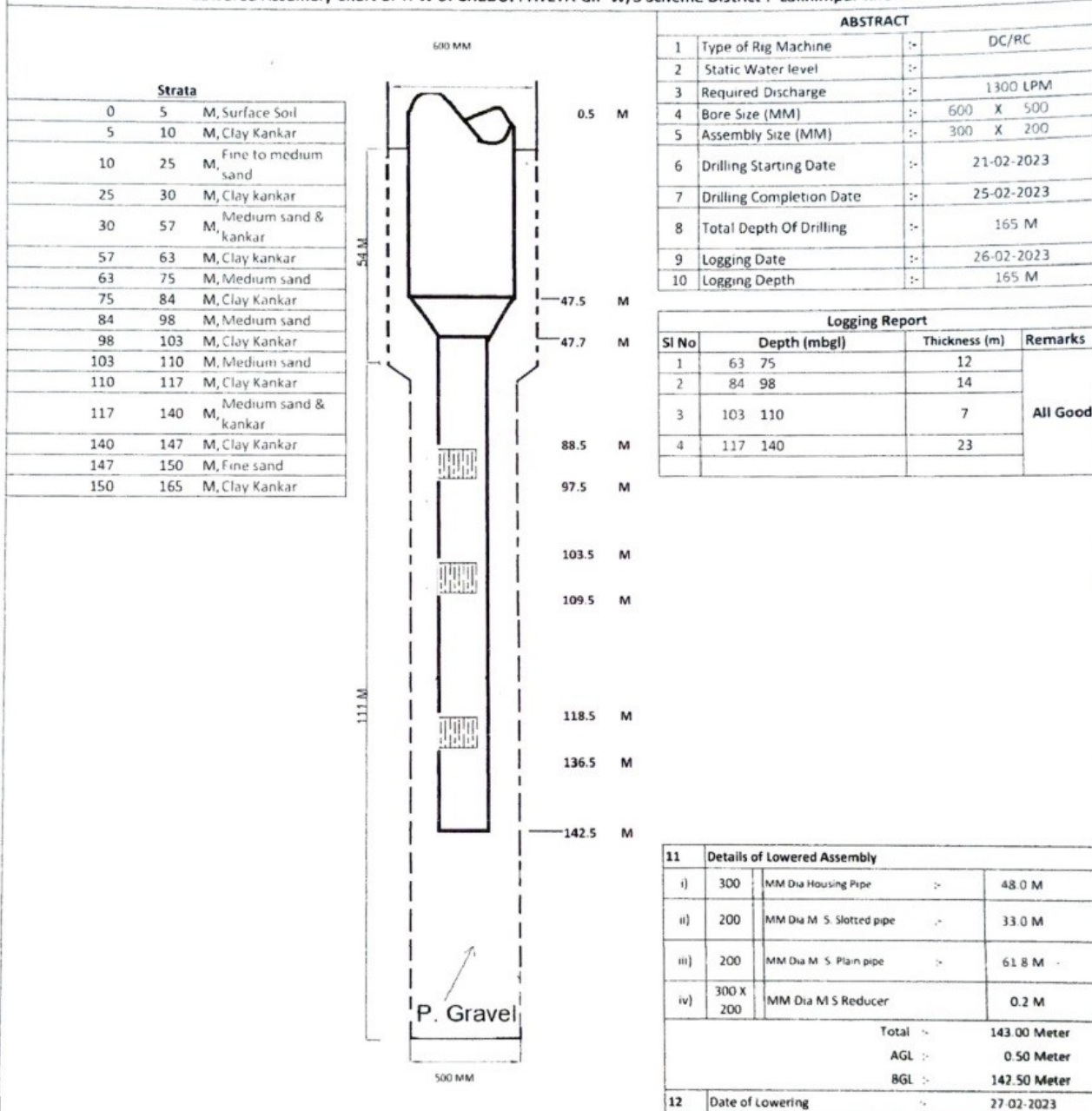


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. CHEDUI PATEYA, Block- NIGHASAN, 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 (Zone-1)
 Name Of TPI :- Ceinsys Tech Limited
 Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021
 Cover Agreement :- 464/ED/Phase-2/2022-23/XI, Dt. 27.02.2023

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



Verified by
 M/S. Ceinsys Tech Ltd

Recommended by
 J E
 13th Division U.P. Jal Nigam (R) Lucknow
 ASHOK KUMAR
 JUNIOR ENGINEER
 DIVISIONAL OFFICE (E&M)
 U.P. JAL NIGAM (R)
 LUCKNOW

Recommended by
 A E
 13th Division U.P. Jal Nigam (R) Lucknow
 Vinod Kumar
 Assistant Engineer
 Divisional Officer (E&M)
 U.P. Jal Nigam (R)
 Lucknow

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

NCC
AKH
JJM 2.

Ch edui Pateya, Migason, LCP

QBM3 < 300x120-46 m³
300x120 42 m³

Discharge - 1300 Lpm

A. Ege - 300x200
36

Report - 26/23

$$63 - 75 = 12$$

$$84 - 98 = 14 = 12$$

$$103 = 110 = 7 \Rightarrow 6$$

$$117 - 140 = 23 \Rightarrow 12$$

		0.5
		47.5
	0.5	47.7
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	4.8	
		88.5
6.0		
3.0		97.5
	6.0	
		103.5
6.0		
		109.5
	6.0	
	3.0	
		118.5
6.0		
6.0		
6.0		
		136.5
	6.0	
		142.5

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHEDUI PATEYA, BLOCK- NIGHASAN, 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 26.Feb.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 = 19.58 Ohms.

Drilling Water Resistivity = 21.72 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 Kankar	
3.	10 - 25	15	Fine to medium sand	Good
4.	25 - 30	5	Clay kankar	
5.	30 - 57	27	Medium sand & kankar	Good
6.	57 - 63	6	Clay kankar	
7.	63 - 75*	12	Medium sand	Good
8.	75 - 84	9	Clay kankar	
9.	84 - 98*	14	Medium sand	Good
10.	98 - 103	5	Clay kankar	
11.	103 - 110*	7	Medium sand	Good
12.	110 - 117	7	Clay kankar	
13.	117 - 140*	23	Medium sand & kankar	Good
14.	140 - 147	7	Clay kankar	
15.	147 - 150	3	Fine sand	Good
16.	150 - 165	15	Clay kankar	

Ground Water Survey Consultancy

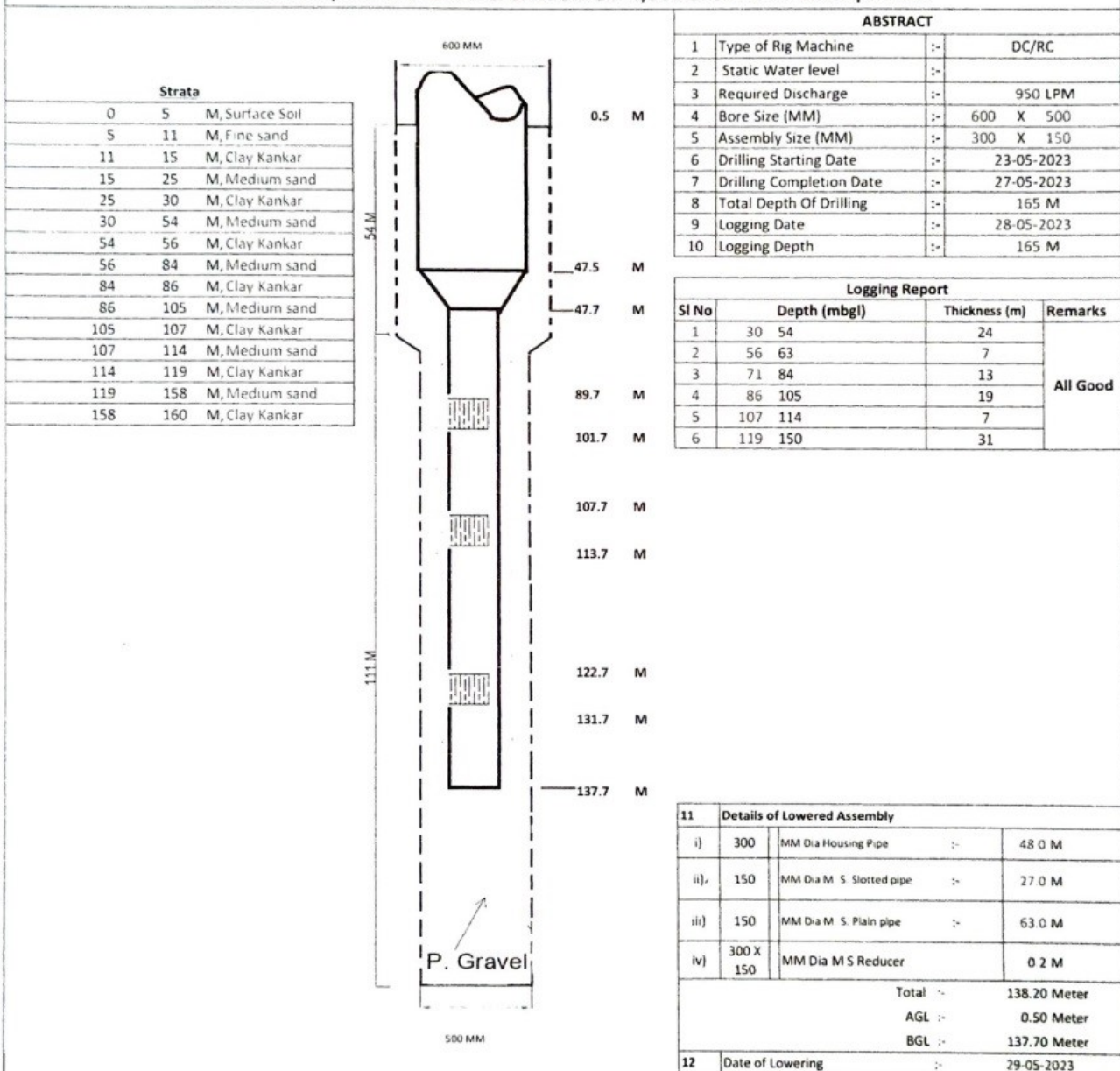


- Logging performed as per
SWSM guidelines.
- Groundwater quality
interpreted by fermas
per their logger
calibration
G.S.H.
27/02/23

Completion Plan Of Tubewell

Name Of Work	Construction of T. W. of G.P. CHEDUI PATEYA, Block- NIGHASAN, 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 (Zone-2)
Name Of TPI	Ceinsys Tech Limited
Contract Agreement	64/ED/2020-21 Dt. 12.03.2021
Cover Agreement	464/ED/Phase-2/2022-23/XI, Dt. 27.02.2023

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



Verified by
J.E
M/S. Ceinsys Tech Ltd.

13th Division UP Jal Nigam (R)
Lucknow

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

Recommended by

13th Division UP Jal Nigam (R) Lucknow

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

Approved by

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

NCC
P-2

cheddi patiya, Mizashon, Uda
#0 zone-2

Discharge - 950 cpm

A. size $300 \times 150 \text{ mm}$
30

Rep-t-

$$30 - 54 = 24 \quad (40 - 53 = 13)$$

$$56 - 63 = 7$$

$$71 - 84 = 13 \Rightarrow 6$$

$$86 - 105 = 19 \Rightarrow 6$$

$$107 - 114 = 7 \Rightarrow 6$$

$$119 - 150 = 39 \Rightarrow 7$$

		0.5
		47.5
	0.20	47.7
	6.6	
	6.6	
	6.6	
	6.6	
	3.0	74.7
6.0	1111	80.7
	6.6	
	6.6	92.7
6.0	11111	98.7
	6.6	
	3.0	107.7
6.0	11111	113.7
	6.6	
	3.0	122.7
6.0	11111	
3.0	11111	137.7
	6.0	137.7

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHHEDIA ZONE 2, BLOCK- PALIYA,
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 30.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 = 23.50 Ohms.

Drilling Water Resistivity = 24.43 Ohms.

Approx Water Level = 11 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 17	7	Fine to Medium sand	Good
4.	17 - 24	7	Clay kankar	
5.	24 - 26	2	Fine sand	Good
6.	26 - 31	5	Clay kankar	
7.	31 - 55	24	Medium sand & kankar	Good
8.	55 - 67	12	Clay kankar	
9.	67 - 80*	13	Medium sand	Good
10.	80 - 96	16	Clay kankar	
11.	96 - 104	8	Sand & kankar	Good
12.	104 - 111	7	Clay kankar	
13.	111 - 115*	4	Fine to Medium sand	Good
14.	115 - 124	9	Clay kankar	
15.	124 - 130* 13	6	Medium sand	Good
16.	130 - 140	10	Clay kankar	
17.	140 - 147*	7	Medium sand	Good
18.	147 - 165	18	Clay kankar	

151-154 (3m) - Sand

150 - 161 (3m)

Sand

31/05/23

Ground Water Survey Consultancy

Agra



- Logging performed as per SWSM guidelines.
- Ground water quality interpreted by firm as per their logger calibration.