

CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR

COMPLETION PLAN OF NETA SURHURAWA (NRDWP)

DISTRICT MAHARAJGANT

TYPE OF RIG M/C R.S.G. 27

SIZE OF BORE 6.75/500 mm

STATIC WATER LEVEL..... NAME OF FIRM M/S. MAYA DEVI

J.E. Incharge P. KUMAR

A.E. Incharge VINOD KUMAR

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M			0.00	
10.00		CLAY KANKAR		300 m.m. Dia Housing Pipe to 36.08 m
20.00		M.S. SAND		300/150 m.m. Dia Reducer 36.08 to 36.28 m
23.00		CLAY		150 m.m. Dia BLIND Pipe 36.28 to 44.46 m
30.00		M.S. + KANKAR		150 m.m. Dia SLOTTED Pipe 44.46 to 59.57 m
40.00		M. TO F. SAND	36.08	150 m.m. Dia BLIND Pipe 59.57 to 118.67 m
44.00		CLAY KANKAR	36.28	150 m.m. Dia SLOTTED Pipe 118.67 to 127.67 m
60.00		COARS SAND + GRAVEL	44.46	150 m.m. Dia BLIND Pipe 127.67 to 130.67 m
70.00		CLAY + KANKAR	59.57	m.m. Dia Pipe to m
73.00		V-F SAND		m.m. Dia Pipe to m
85.00		F. YELLOW SAND + KANKAR		m.m. Dia Pipe to m
104.00		CLAY		m.m. Dia Pipe to m
107.00		YELLOW-F. SAND		m.m. Dia Pipe to m
118.00		CLAY	118.67	Total Assembly 130.67 + 0.50 AGL = 131.17 M.
129.00		M. TO F. SAND	127.67	
130.00		CLAY + KANKAR	130.67	
			131.17 PLUG	

ABSTRACT

- 1- Drilling Started.....
- 2- Drilling Completed/Lowering 22.8.020
- 3- Drilling Depth 138.00 m
- 4- Assembly Lowered 131.17 m
- 5- Housing Pipe 36.58 m
- 6- Blind Pipe 36.58 m
- 7- Slotted Pipe 70.28 m
- 8- Reducer 24.11 m

LOGGING REPORT 20.8.020

1. 13-21 = 8M.
2. 24-28 = 4M.
3. 30-40 = 10M.
4. 43-60 = 17M.
5. 64-68 = 4M.
6. 74-78 = 4M.
7. 80-84 = 4M.
8. 95-100 = 5M.
9. 104-108 = 4M.
10. 118-128 = 10M.

NOTE - S.NO. 5 TO 9 ARE F. SAND

P.K.

(P. KUMAR)

J.E.

(VINOD KUMAR)

A.E.

(ADARSH VERMA)

E.E.

YIELD TEST REPORT BY 250 P.S.I. COMPRESSOR

Date of Test..... Static W/L..... Taste of Water.....

DISCHARGE		ST.PR.	R.U.PR.	DEPRE.	SAND CONTENTS										REMARKS
INC.	L.P.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min				

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT.

J.E.

A.E.

E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 6.10.020 Static W/L 4.70 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE.	SAND CONTENTS										REMARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min					
1700	9.70	4.70	5.00	350	300	250	200	100						
1500	9.35	4.70	4.65	800	250	200	100	50						
1300	9.20	4.70	4.50	200	100	50	TR.	CL.						
1150	8.90	4.70	4.20	50	TR.	CL.	CL.	CL.						

RECOMMENDED DISCHARGE 1150 LPM AFT. 10 MIN RUNNING BY PASS

J.E.

A.E.

E.E.

CHEMICAL TEST REPORT OF WATER SAMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012 Desirable Limit	BIS:10500: 2012 Permissible Limit	Test Method	Result
गंध		Agreeable	Agreeable	IS:3025 (Part 5)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.04
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.63
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.001
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.60
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	30
टीओडीएस	ppm	500	2000	IS:3025 (Part 16)	79
एल्कैलिटी	ppm	200	600	IS:3025 (Part 23)	120
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	14.38
पीएच	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.5
गुदापन	NTU	1	5	IS:3025 (Part 10)	2.66
नदृश्यपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	210

J.E.

A.E.

Executive Engineer