

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

COMPLETION PLAN OF MAHE.S.WARDUR (W.BANK). BLOCK - PAULI DISTRICT SANKARIP NAGAR
 TYPE OF RIG M/C R.C. 600/127 SIZE OF BORE 550/500 mm
 STATIC WATER LEVEL NAME OF FIRM M/S. PAXAN KUMAR J.E. Incharge NANDU PRASAD A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.0		F.M. SAND		200 m.m. Dia Housing Pipe to 35.68 m
6.00		CLAY		200/150 m.m. Dia Reducer 35.68 to 35.88 m
14.50		F.M. SAND		150 m.m. Dia BLIND Pipe 35.88 to 48.12 m
24.39		CLAY		150 m.m. Dia SLOTTED Pipe 48.12 to 60.27 m
36.58				150 m.m. Dia BLIND Pipe 60.27 to 102.49 m
		F.M. SAND		150 m.m. Dia SLOTTED Pipe 102.49 to 105.49 m
				150 m.m. Dia BLIND Pipe 105.49 to 131.27 m
				150 m.m. Dia SLOTTED Pipe 131.27 to 134.27 m
				150 m.m. Dia BLIND Pipe 134.27 to 140.31 m
62.97		CLAY + KANKAR		150 m.m. Dia SLOTTED Pipe 140.31 to 143.31 m
				150 m.m. Dia BLIND Pipe 143.31 to 145.94 m
79.26		F.S. + KANKAR		m.m. Dia _____ Pipe _____ to _____ m
85.36		SANDY CLAY		
89.20		CLAY KANKAR		
94.00		F.S. SAND		
108.00		CLAY		
121.00		F.S. + KANKAR		
126.00		CLAY KANKAR		
130.00		F.S. + KANKAR		
136.50		CLAY		
138.10		F. SAND + M. SAND		
146.00		CLAY		
154.00				

Total Assembly 145.94 + A.G.L. 0.50 = 146.44m.

ABSTRACT

- 1- Drilling Started 12.7.018
- 2- Drilling Completed/Lowering 30.12.018
- 3- Drilling Depth 154.00 m
- 4- Assembly Lowered 146.44 m
- 5- Housing Pipe 36.18 m
- 6- Blind Pipe 88.91 m
- 7- Slotted Pipe 21.15 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1. 38-63M = 25M.
- 2. 71-77M = 7M.
- 3. 84-88M = 4M.
- 4. 95-99M = 4M.
- 5. 102-106M = 4M.
- 6. 130-137M = 7M.
- 7. 140-145M = 5M.
- 8.

(NANDU PRASAD) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) E.E.

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

Date of Test 12.03.019 Static W/L 4.50 Taste of Water SWEET.

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS		
				INC.	LP.M.	Kg/Cm ³	Kg/Cm ²	Kg.	Mtr.			
8.00	1578	6.00	10.20	0.50	5.00	5.00	2800	1800	1200	800	600	
0.50	1831	10.80	2.86	6.60	6.00	6.00	3000	2000	1400	1000	800	
9.00	2109	12.50	12.50	0.70	7.00	7.00	3200	2200	1800	1200	1000	
9.50	2406	14.20	13.50	0.80	8.00	8.00	3600	2400	2000	1400	1200	

YIELD TEST REPORT BY O.P. UNIT

Date of Test 2.04.019 Static W/L 4.50 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
1200	9.00	4.50	4.50	150	100	50	TR.	CL.				
1025	8.80	4.50	4.30	100	50	TR.	CL.	CL.				
813	8.50	4.50	4.00	50	TR.	CL.	CL.	CL.				
605	8.40	4.50	3.60	TR.	CL.	CL.	CL.	CL.				

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT. RECOMMENDED DISCHARGE 600 LPM AFT. 5 MIN RUNNING BY PASS


(NANDU PRASAD) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) E.E. (NANDU PRASAD) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) E.E.

10

CHEMICAL TEST REPORT OF WATER SAMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012 Desirable Limit	BIS:10500: 2012 Permissible Limit	Test Method	Result
		Agreeable	Agreeable	IS:3025 (Part 5)	
गंध				IS:3025 (Part 5)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.09
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	1.88
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.754
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	28.4
टी0डीएस0	ppm	500	2000	IS:3025 (Part 16)	123
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	80
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	8.46
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.7
मंदापन	NTU	1	5	IS:3025 (Part 10)	2.26
महत्त्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	140


J.E.


A.E.


Executive Engineer