

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

COMPLETION PLAN OF... MOLNAPUR (CN BANK) BLOCK - NATHNAGAR DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C... R.C. 60/127 NAME OF FIRM M/S. R.R. TRADERS, GORAKHPUR SIZE OF BORE 5.50/500 mm
 STATIC WATER LEVEL..... J.E. Incharge. NANDU PRASAD A.E. Incharge. BABHAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS	
				ASSEMBLY	DETAILS
0.00		SURFACE CLAY		200 m.m. Dia Housing Pipe	to 36.10 m
4.50		F.S. SAND		200/150 m.m. Dia Reducer	36.10 to 36.30 m
8.70		SANDY CLAY		150 m.m. Dia BLIND	Pipe 36.30 to 65.50 m
15.50		F.S. + M. SAND		150 m.m. Dia SLOTTED	Pipe 65.50 to 71.51 m
				150 m.m. Dia BLIND	Pipe 71.51 to 79.49 m
32.70		CLAY		150 m.m. Dia SLOTTED	Pipe 79.49 to 85.52 m
40.00		F.S. + M. SAND		150 m.m. Dia BLIND	Pipe 85.52 to 93.48 m
				150 m.m. Dia SLOTTED	Pipe 93.48 to 99.52 m
55.00		CLAY + KANKAR		150 m.m. Dia BLIND	Pipe 99.52 to 105.48 m
59.00		F.S. + M. SAND		150 m.m. Dia SLOTTED	Pipe 105.48 to 108.48 m
				150 m.m. Dia BLIND	Pipe 108.48 to 113.49 m
74.00		SANDY CLAY		150 m.m. Dia SLOTTED	Pipe 113.49 to 116.49 m
78.00		F.S. + M. SAND		150 BLIND	116.49 - 135.48
				150 SLOTTED	135.48 - 137.98
87.00		CLAY		150 BLIND	137.98 - 142.18 m
92.00		F.S. + M. SAND			142.18 + A.G.L. 0.50 = 142.68 m
101.00		SANDY CLAY			
104.00		F.S. SAND			
110.00		CLAY			
112.00		F.S. + M. SAND			
117.00		CLAY			
119.00		F. SAND			
130.00		CLAY			
135.00		F.S. + M. SAND			
141.00		CLAY			
150.00					

- ABSTRACT**
- 1- Drilling Started 2.7.018
 - 2- Drilling Completed/Lowering 27.9.018
 - 3- Drilling Depth 150.00 m
 - 4- Assembly Lowered 142.68 m
 - 5- Housing Pipe 36.60 m
 - 6- Blind Pipe 79.30 m
 - 7- Slotted Pipe 26.58 m
 - 8- Reducer 0.20 m

- LOGGING REPORT**
- 1. 35 - 40 M = 5 M.
 - 2. 45 - 50 M = 5 M.
 - 3. 60 - 73 M = 13 M.
 - 4. 79 - 86 M = 7 M.
 - 5. 93 - 100 M = 7 M.
 - 6. 105 - 109 M = 4 M.
 - 7. 113 - 117 M = 4 M.
 - 8. 119 - 132 M = 13 M.
 - 9. 135 - 140 M = 5 M.

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

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

Date of Test 4.10.018 Static W/L 3.20 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REM-ARKS	
				Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min		10 min
8.00	1578	7.00	6.70	0.50	5.00	4000	2200	2000	1800	1600	
8.50	1821	8.00	8.20	0.60	6.00	4200	2600	2600	1800	1600	
9.00	2109	11.60	10.90	0.70	7.00	4400	2600	2200	2000	1400	
9.50	2406	13.80	13.00	0.80	8.00	4500	2800	2600	1500	1000	

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

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 24.10.018 Static W/L 3.20 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REM-ARKS
				LPM	M	M	M	Start	5 min	
1200	7.90	3.20	4.70	250	150	50	TR.	TR.		
1105	7.80	3.20	4.60	200	100	TR.	TR.	CL.		
1007	7.70	3.20	4.50	100	50	TR.	CL.	CL.		
802	7.50	3.20	4.30	50	TR.	TR.	CL.	CL.		
700	7.40	3.20	4.20	TR.	CL.	CL.	CL.	CL.		


RECOMMENDED DISCHARGE 700 LPM AFT 5 MIN. RUNNING BY PASS

(NANDU PRASAD) (BABHAN YADAV) (ADARSH VERMA)
 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
		Agreeable	Agreeable		
रांध				IS:3025 (Part 5)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.08
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.78
अर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
क्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.574
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	28.4
टोडीएस0	ppm	500	2000	IS:3025 (Part 16)	121
हेल्थनिटी	ppm	200	600	IS:3025 (Part 23)	116
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	441
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.3
युदापन	NTU	1	5	IS:3025 (Part 10)	1.15
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	185


J.E.


A.E.


Executive Engineer