

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

COMPLETION PLAN OF BARGHAT (W.BANK) BLOCK - SATHA DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C. R.S.G.O.L.87 SIZE OF BORE 250/500 mm
 STATIC WATER LEVEL..... NAME OF FIRM. M/S. BHAGWAN CONST., GORAKHPUR
 J.E. Incharge. NAN DUV PRASAD A.E. Incharge. BAB BAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS	
0.00		SURFACE CLAY		200 m.m. Dia Housing Pipe	to 35.48 m
9.00		F.S.+M.SAND		200/150 m.m. Dia Reducer	35.48 to 35.68 m
27.00		SANDY CLAY		150 m.m. Dia BLIND	Pipe 35.68 to 63.00 m
30.00		F.S.+M.SAND		150 m.m. Dia SLOTTED	Pipe 63.00 to 69.10 m
36.00		SANDY CLAY		150 m.m. Dia BLIND	Pipe 69.10 to 79.26 m
54.00		F.S.+M.S.+KANKAR		150 m.m. Dia SLOTTED	Pipe 79.26 to 85.37 m
70.00		SANDY CLAY		150 m.m. Dia BLIND	Pipe 85.37 to 115.97 m
78.00		F.S.+M.SAND		150 m.m. Dia SLOTTED	Pipe 115.97 to 126.97 m
89.00		CLAY		150 m.m. Dia BLIND	Pipe 126.97 to 137.47 m
115.00		F.S.+M.SAND		150 m.m. Dia SLOTTED	Pipe 137.47 to 137.47 m
123.00		CLAY+KANKAR			
125.00		F.S.+M.SAND			
133.00		SANDY CLAY			
145.00		V.F.SAND			
151.00		CLAY			
165.00					

Total Assembly 137.47 + A.G.L. 0.50 = 137.97 M.

ABSTRACT

- 1- Drilling Started
- 2- Drilling Completed/Lowering 19.02.019
- 3- Drilling Depth 165.00 m
- 4- Assembly Lowered 137.97 m
- 5- Housing Pipe 35.98 m
- 6- Blind Pipe 79.58 m
- 7- Slotted Pipe 22.21 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1. 16-30M = 14M
- 2. 32-36M = 4M
- 3. 42-49M = 7M
- 4. 54-60M = 6M
- 5. 62-70M = 8M
- 6. 78-88M = 10M
- 7. 100-116M = 16M
- 8. 115-122M = 7M
- 9. 126-132M = 6M
- 10. 14-150M = 26M

(NANDUPRASAD) (BAB BAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E.

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

Date of Test 2.04.019 Static W/L 4.10 Taste of Water SWEET.

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS											REMARKS
				INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	
8.00	15.78	6.90	6.40	0.50	5.00	3000	2000	1600	1000	800					
8.50	18.21	8.40	7.80	0.60	6.00	3400	2400	1700	1300	900					
9.00	21.09	12.00	11.20	0.70	7.00	3600	2600	2000	1400	1000					
9.50	24.06	13.20	12.40	0.80	8.00	4000	2800	2200	1600	1200					

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 19.4.019 Static W/L 4.10 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		
1004	10.10	4.10	6.00	200	150	100	50	TR.							
809	9.10	4.10	5.00	150	100	50	TR.	TR.							
613	8.60	4.10	4.50	50	TR.	TR.	CL.	CL.							
408	7.90	4.10	3.80	TR.	CL.	CL.	CL.	CL.							

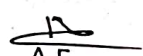
RECOMMENDED DISCHARGE 400 LPM AFT. 5 MIN. RUNNING BY PASS

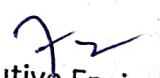
(NANDUPRASAD) (BAB BAN YADAV) (ADARSHVERMA) (NANDUPRASAD) (BAB BAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E. J.E. A.E. E.E.

CHEMICAL TEST REPORT OF WATER SIMPLE

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)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	Agreeable
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.18
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	1.39
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	0.696
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	21.3
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	187
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	110
सल्फेट	ppm	200	400	IS:3025 (Part 24)	0
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	8.21
गंदापन	NTU	1	5	IS:3025 (Part 10)	7.1
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	1.49
					280


J.E


A.E.


Executive Engineer