

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

COMPLETION PLAN OF NEEBAHORI (W.BANK) BLOCK - NALINAGAR DISTRICT JANAKABIRNAGAR  
 TYPE OF RIG M/C R.C.G.O.P. 127 NAME OF FIRM M/S. A.P.S. CONSTRUCTION G.K.P. SIZE OF BORE 6.75/500 mm  
 STATIC WATER LEVEL \_\_\_\_\_ I.E. Incharge NANDUPRASAD A.E. Incharge BABAN YADAV

DEPTH R & L METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00		SURFACE CLAY	0.50	300 m.m. Dia Housing Pipe to 36.02 m
8.00		M.SAND		300/150 m.m. Dia Reducer 36.02 to 36.22 m
16.00		SANDY CLAY		150 m.m. Dia BLIND Pipe 36.22 to 52.50 m
22.00		M.S. + F.SAND		150 m.m. Dia SLOTTED Pipe 52.50 to 64.51 m
30.00		CLAY	36.02	150 m.m. Dia BLIND Pipe 64.51 to 70.52 m
34.00		F.S. + M.SAND	36.22	150 m.m. Dia SLOTTED Pipe 70.52 to 76.55 m
48.00		SANDY CLAY		150 m.m. Dia BLIND Pipe 76.55 to 88.60 m
57.00		F.S. + M.SAND	52.50	150 m.m. Dia SLOTTED Pipe 88.60 to 97.72 m
66.00		KANKAR CLAY		150 m.m. Dia BLIND Pipe 97.72 to 119.82 m
69.00		F.S. + M.SAND	64.51	150 m.m. Dia SLOTTED Pipe 119.82 to 122.84 m
79.00		CLAY		150 m.m. Dia BLIND Pipe 122.84 to 125.84 m
85.00		F.S. + M.SAND	70.52	
100.00		KANKAR + CLAY	76.55	Total Assembly 125.84 + 0.50 = 126.34 m.
114.00		F.S. + M.SAND		<b>ABSTRACT</b>
132.00		CLAY	88.60	1- Drilling Started _____
140.00			97.72	2- Drilling Completed/Lowering 30.11.018
				3- Drilling Depth 140.00 m
				4- Assembly Lowered 126.34 m
				5- Housing Pipe 36.52 m
				6- Blind Pipe 59.44 m
				7- Slotted Pipe 30.18 m
				8- Reducer 0.20 m
				<b>LOGGING REPORT</b>
				1- 35 - 47 m = 12 m.
				2- 52 - 65 m = 13 m.
				3- 70 - 77 m = 7 m.
				4- 85 - 98 m = 13 m.
				5- 115 - 130 m = 15 m.
				6- _____
				7- _____
				8- _____

(NANDUPRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E.

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

Date of Test 31.1.019 Static W/L 6'10" Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS	
				INC.	LP.M.	Kg/Cm <sup>2</sup>	Kg/Cm <sup>2</sup>	Kg.	Mtr.		Start
8.50	1831	5.60	5.10	0.50	5.00	2400	2000	1500	1000	800	
9.00	2169	7.80	7.20	0.60	6.00	2600	2400	1800	1200	1000	
9.50	2406	9.60	8.90	0.70	7.00	2800	2600	2000	1800	1200	
10.00	3087	12.30	11.50	0.80	8.00	3600	2800	2200	2000	1400	

**YIELD TEST REPORT BY O.P. UNIT**

Date of Test 17.2.019 Static W/L 6'10" Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REMARKS
				LPM	M	M	M	Start	5 min	
1852	11.30	6.10	5.20	200	100	50	TR	CL		
1738	11.00	6.10	4.90	150	50	TR	CL	CL		
1470	10.70	6.10	4.60	50	TR	CL	CL	CL		
1124	10.40	6.10	4.30	TR	CL	CL	CL	CL		

NOTE: RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT. RECOMMENDED DISCHARGE (100 LPM AFT. 5 MIN. RUNNING BY PASS

(NANDUPRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E. (NANDUPRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E.



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## 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 53)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 34)	0.26
नाइट्रेट	ppm	45	45	IS:3025 (Part 37)	116
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 60)	0.0
फ्लोराईड	ppm	1	2	IS:3025 (Part 32)	0.813
क्लोराईड	ppm	250	1000	IS:3025 (Part 16)	12.2
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 23)	135
एल्कनिटी	ppm	200	600	IS:3025 (Part 26)	90
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 24)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 11)	8.16
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 10)	7.8
गंदापन	NTU	1	5	IS:3025 (Part 21)	1.18
महत्वपूर्ण कठोरता	ppm	200	600		250

  
J.E

  
A.E.

  
Executive Engineer