

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

COMPLETION PLAN OF MURIYARI (W.BANK), BLOCK - NATHI NAGAR DISTRICT SANTKABIR NAGAR
 TYPE OF RIG M/C R.S. 600/27 NAME OF FIRM M/S. UDAI PRATAP SINGH, G.K.P. SIZE OF BORE 550/500mm
 STATIC WATER LEVEL..... J.E. Incharge NANDU PRASAD A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS	
0M		SURFACE CLAY		200 m.m. Dia Housing Pipe	to 36.18 m
				200/150 m.m. Dia Reducer	36.18 to 36.38 m
				150 m.m. Dia BLIND	Pipe 36.38 to 55.61 m
18.00		M. SAND		150 m.m. Dia SLOTTED	Pipe 55.61 to 67.66 m
				150 m.m. Dia BLIND	Pipe 67.66 to 85.32 m
28.00		SANDY CLAY	36.18	150 m.m. Dia SLOTTED	Pipe 85.32 to 89.32 m
		F. SAND	36.38	150 m.m. Dia BLIND	Pipe 89.32 to 106.60 m
34.00		CLAY		150 m.m. Dia SLOTTED	Pipe 106.60 to 109.60 m
41.00				150 m.m. Dia BLIND	Pipe 109.60 to 115.78 m
45.00		F. SAND		m.m. Dia	Pipe to m
51.00		SANDY CLAY		m.m. Dia	Pipe to m
54.00		F.S. + M. SAND	55.61	m.m. Dia	Pipe to m
				m.m. Dia	Pipe to m
71.00		CLAY		m.m. Dia	Pipe to m
76.00		F. SAND		Total Assembly 115.78 + A.G.L. 0.50 m = 116.28 m.	
79.00		SANDY CLAY	85.32	ABSTRACT	
84.00		F.S. + M. SAND	89.32	1- Drilling Started.....	
90.00		CLAY		2- Drilling Completed/Lowering <u>8.12.08</u>	
95.00		F.S. + M. SAND		3- Drilling Depth <u>150.00 m</u>	
				4- Assembly Lowered <u>116.28 m</u>	
112.00		CLAY		5- Housing Pipe <u>36.68 m</u>	
116.00		F. SAND	106.60	6- Blind Pipe <u>60.35 m</u>	
122.00		KANKAR CLAY	109.66	7- Slotted Pipe <u>19.05 m</u>	
124.00		V.F. SAND	115.78	8- Reducer <u>0.20 m</u>	
130.00		CLAY		LOGGING REPORT	
134.00		F. SAND		1- 20 - 30M = 10M.....	
138.00		CLAY		2- 35 - 42M = 7M.....	
150.00				3- 45 - 50M = 5M.....	
				4- 55 - 70M = 15M.....	
				5- 76 - 80M = 4M.....	
				6- 84 - 91M = 7M.....	
				7- 95 - 100M = 5M.....	
				8- 105 - 110M = 5M.....	
				9- 117 - 122M = 5M.....	
				10- 125 - 129M = 4M.....	
				11- 134 - 138M = 4M.....	

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

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

Date of Test 14.1.09 Static W/L 6.80 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS		
				Kg/Cm ³	Kg/Cm ²	Kg.	Mtr.	Start		5 min	10 min
8.00	1578	6.20	5.70	0.50	5.00	2800	2200	1500	1000	600	
8.50	1831	6.00	6.20	0.60	6.00	3000	2400	1700	1200	800	
9.00	2109	6.40	6.20	0.70	7.00	3200	2600	1900	1600	1000	
9.50	2406	10.10	9.30	0.80	8.00	3600	2800	2000	1800	1200	

YIELD TEST REPORT BY O.P. UNIT

Date of Test 24.1.09 Static W/L 6.80 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS					REMARKS	
				LPM	M	M	M	Start		5 min
1200	11.60	6.80	4.80	200	100	50	TR.	CL.		
1007	11.40	6.80	4.60	150	50	TR.	CL.	CL.		
802	11.20	6.80	4.40	100	50	CL.	CL.	CL.		
602	11.00	6.80	4.20	50	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.

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 9)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.06
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	1.26
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.685
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	14.2
टीओडीएस	ppm	500	2000	IS:3025 (Part 16)	250
रेल्डनिटी	ppm	200	600	IS:3025 (Part 23)	112
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	9.25
पी.एच		6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.2
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.30
अहत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	1.95


J.E.


A.E.


Executive Engineer