

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

COMPLETION PLAN OF LAXMI PUR JARLAHIYA (M.S.D.P.) DISTRICT MAHARAJ GANJ
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 675/550 mm φ
 STATIC WATER LEVEL 3.10 NAME OF FIRM M/S. R.N. RAJ ENGS., GORAKHPUR
 J.E. Incharge S.K. SINGH A.E. Incharge R.P. RAI

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M.			AGL 0.50m	
4.50		SURFACE CLAY		300 m.m. Dia Housing Pipe to 35.61 m
11.00		V.F. SAND		300/150 m.m. Dia Reducer 35.61 to 35.81 m
		F. SAND		150 m.m. Dia BLIND Pipe 35.81 to 56.92 m
28.00				150 m.m. Dia SLOTTED Pipe 56.92 to 68.93 m
		SANDY CLAY	35.61	150 m.m. Dia BLIND Pipe 68.93 to 74.93 m
48.00			35.81	150 m.m. Dia SLOTTED Pipe 74.93 to 86.94 m
54.42		F. SAND		150 m.m. Dia BLIND Pipe 86.94 to 120.01 m
		F.T.O.M. SAND		150 m.m. Dia SLOTTED Pipe 120.01 to 126.04 m
70.40			56.92	150 m.m. Dia BLIND Pipe 126.04 to 132.06 m
73.20		V.F. SAND		m.m. Dia _____ Pipe _____ to _____ m
		F.T.O.M. SAND	68.93	m.m. Dia _____ Pipe _____ to _____ m
88.10		SANDY CLAY		m.m. Dia _____ Pipe _____ to _____ m
97.65		CLAY	74.93	Total Assembly 132.06 + AGL 0.50 = 132.56 m
118.00				ABSTRACT
127.60		M. SAND	86.94	1- Drilling Started _____
138.00		CLAY		2- Drilling Completed/Lowering 22.07.018
			120.01	3- Drilling Depth 138.00 m
			126.04	4- Assembly Lowered 132.56 m
			132.06	5- Housing Pipe 36.11 m
				6- Blind Pipe 66.20 m
				7- Slotted Pipe 30.05 m
				8- Reducer 0.20 m
				LOGGING REPORT
				1- _____
				2- _____
				3- _____
				4- _____
				5- _____
				6- _____
				7- _____
				8- _____

(S.K. SINGH) J.E. (R.P. RAI) A.E. (ADARSH VERMA) E.E.

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

Date of Test 2.08.018 Static W/L 4.40 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS										REM- ARKS
INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min			
10.0	2740	6.50	6.10	0.4	4.00	1600	800	300	200	100				
10.25	2888	8.20	7.70	0.5	5.0	3000	1600	1000	500	200				
10.75	3233	12.70	12.10	0.6	6.00	4500	2000	1500	1000	500				

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 12.12.018 Static W/L 4.40 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE.	SAND CONTENTS										REM- ARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min					
1852	8.60	4.40	4.20	200	150	100	50	TR.						
1606	8.00	4.40	3.60	150	100	50	TR.	CL.						
1470	7.80	4.40	3.40	100	50	TR.	CL.	CL.						
1323	7.60	4.40	3.20	50	TR.	TR.	CL.	CL.						
1134	7.40	4.40	3.00	TR.	CL.	CL.	CL.	CL.						

RECOMMENDED DISCHARGE 110 LPM AFT. 5 MIN RUNNING BY PASS

(A.K. GUPTA) J.E. (R.P. RAI) A.E. (ADARSH VERMA) E.E. (D.K. GOND) J.E. (VIHOD KUMAR) A.E. (ADARSH VERMA) E.E.

CHEMICHEL 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)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.05
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.44
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.676
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	14.2
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	128
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	108
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	8.42
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.4
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.69
सहत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	190

J.E

A.E.

Executive Engineer