

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

COMPLETION PLAN OF G.D.P. PUR DISTRICT SANKAR NAGAR
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 550/500 mm
 STATIC WATER LEVEL..... NAME OF FIRM M/S. R.N. RAJENGG. G.K.P.
 J.E. Incharge NANDU PRASAD A.E. Incharge A.K. SINGH

DEPTH R.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00			AGL - 0.50M	
4.88		SANDY CLAY		200 m.m. Dia Housing Pipe to 29.48 m
		F. SAND		200/150 m.m. Dia Reducer 29.48 to 29.68 m
		F. SAND		150 m.m. Dia BLIND Pipe 29.68 to 66.44 m
28.00		Y.F. SAND	29.48	150 m.m. Dia SLOTTED Pipe 66.44 to 75.53 m
		Y.F. SAND	29.68	150 m.m. Dia BLIND Pipe 75.53 to 81.51 m
42.00		Y.F. SAND		150 m.m. Dia SLOTTED Pipe 81.51 to 84.51 m
48.00		CLAY + KANKAR		150 m.m. Dia BLIND Pipe 84.51 to 104.49 m
		CLAY + KANKAR		150 m.m. Dia SLOTTED Pipe 104.49 to 116.50 m
60.00		M. SAND		150 m.m. Dia BLIND Pipe 116.50 to 119.65 m
66.00		CLAY	66.44	m.m. Dia Pipe to m
		F. SAND		m.m. Dia Pipe to m
77.00		CLAY + KANKAR	75.53	m.m. Dia Pipe to m
80.50		M. SAND	81.51	Total Assembly 119.65 + AGL - 0.50 = 120.15 M.
86.00		CLAY	84.51	
89.00		M. SAND		
94.00		CLAY		
102.00		M. SAND	104.49	
		M. SAND		
121.00		CLAY	116.50	
		CLAY	119.65	
140.00		CLAY	TAIL PLUG	

ABSTRACT

- 1- Drilling Started.....
- 2- Drilling Completed/Lowering 22.01.018
- 3- Drilling Depth 140.00 m
- 4- Assembly Lowered 120.15 m
- 5- Housing Pipe 29.98 m
- 6- Blind Pipe 65.92 m
- 7- Slotted Pipe 24.05 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 30-40M = 10M.....
- 2- 45-62M = 17M.....
- 3- 66-76M = 10M.....
- 4- 85-85M = 5M.....
- 5- 88-92M = 4M.....
- 6- 94-98M = 4M.....
- 7- 103-120M = 17M.....
- 8- 120-140M = 20M.....

(NANDU PRASAD) J.E. (A.K. SINGH) A.E. (ADARSH VERMA) E.E.

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

Date of Test 23.2.018 Static W/L 6.00 Taste of Water S.SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS			
				INC.	L.P.M.	Kg/Cm ²	Kg/Cm ²	Kg.		Mtr.		
5.25	557	5.60	5.20	0.4	4.00	50	TR.	CL.	CL.	CL.		
6.00	776	6.10	5.60	0.5	5.00	100	TR.	TR.	CL.	CL.		
8.00	1578	7.50	6.90	0.6	6.00	250	100	50	TR.	TR.		
8.50	1831	10.54	9.80	0.7	7.00	400	200	100	50	TR.		

NOTE:- RECOMMENDED DISCHARGE SO L.P.M. AFF. 10 MIN R.B. PASS

(NANDU PRASAD) J.E. (JAGYADAN.) A.E. (ADARSH VERMA) E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test..... Static W/L..... Taste of Water.....

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS					REMARKS	
				LPM	M	M	M	M		
				Start	5 min	10 min	15 min	20 min	25 min	

RECOMMENDED DISCHARGE..... RUNNING BY PASS.....

(NANDU PRASAD) J.E. (JAGYADAN.) 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)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	
सल्फेट	ppm	200	400	IS:3025 (Part 24)	
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	
गंदापन	NTU	1	5	IS:3025 (Part 10)	
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	

J.E

A.E.

Executive Engineer