

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

COMPLETION PLAN OF SIRSI GRAM PANCHAYAT DISTRICT SANT KABIRNAGAR  
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 675/500 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 B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m.			4.50m	
5.00		SURFACE CLAY		300 m.m. Dia Housing Pipe to 29.68 m
		F. SAND	29.68	300/150 m.m. Dia Reducer 29.68 to 29.88 m
			29.88	150 m.m. Dia BLIND Pipe 29.88 to 100.45 m
				150 m.m. Dia SLOTTED Pipe 100.45 to 106.47 m
				150 m.m. Dia BLIND Pipe 106.47 to 126.01 m
				150 m.m. Dia SLOTTED Pipe 126.01 to 150.11 m
				150 m.m. Dia BLIND Pipe 150.11 to 156.11 m
65.00		CLAY		m.m. Dia Pipe to m
85.00		F. SAND		m.m. Dia Pipe to m
90.00		CLAY KANKAR		m.m. Dia Pipe to m
96.00		F. TOM. SAND		m.m. Dia Pipe to m
108.00		CLAY KANKAR	100.45	m.m. Dia Pipe to m
			106.47	m.m. Dia Pipe to m
123.47		F. TOM. SAND		m.m. Dia Pipe to m
			126.01	m.m. Dia Pipe to m
152.62		SANDY CLAY		m.m. Dia Pipe to m
166.00			150.11	m.m. Dia Pipe to m
			156.11	m.m. Dia Pipe to m

Total Assembly 156.11 + ASL 0.50 = 156.61 m.

ABSTRACT

- 1- Drilling Started \_\_\_\_\_
- 2- Drilling Completed/Lowering 10.12.017 \_\_\_\_\_
- 3- Drilling Depth 166.00 m
- 4- Assembly Lowered 156.61 m
- 5- Housing Pipe 30.18 m
- 6- Blind Pipe 96.11
- 7- Slotted Pipe 30.12 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- .....
- 2- .....
- 3- .....
- 4- .....
- 5- .....
- 6- .....
- 7- .....
- 8- .....

(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 20.12.017 Static W/L 6.10 M Taste of Water S.W.F.E.T.

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	5 min	10 min	15 min	20 min	25 min	
8.00	1570	11.10	10.70	0.40	4.00	3200	2000	1000	600	500		
8.50	1831	12.60	12.10	0.50	5.00	3200	2400	1200	700	600		
9.00	2169	14.10	13.50	0.60	6.00	3400	2600	1200	800	700		
9.50	2406	15.20	14.50	0.70	7.00	4200	2800	1400	900	800		

YIELD TEST REPORT BY O.P. UNIT

Date of Test 6.01.018 Static W/L 4.25 Taste of Water S.W.F.E.T.

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	
1800	11.25	4.25	7.00	300	200	100	50	TR.			
1600	10.35	4.25	6.10	250	100	50	TR.	CL.			
1400	9.25	4.25	5.00	150	50	TR.	TR.	CL.			
1200	8.60	4.25	4.35	100	TR.	CL.	CL.	CL.			

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

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

RECOMMENDED DISCHARGE 1200 LPP. AFT. 10 MIN. RUNNING BY PASS

(NANDU PRASAD) J.E. (A.K. SINGH) 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 5)	AGREEABLE
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.05
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	2.27
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.06
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.456
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	21.3
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	142
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	150
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	7.73
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.0
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.57
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	185

J.E

A.E.

Executive Engineer