

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

COMPLETION PLAN OF CHANDAULI MARI (UNDER-TURNKEY) DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 550/500 mm
 STATIC WATER LEVEL NAME OF FIRM M/S DEEPAK CONST. 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	AGL 0.50M	200 m.m. Dia Housing Pipe to 36.19 m
14.00		F.S. + M. SAND		200/150 m.m. Dia Reducer 36.19 to 36.39 m
22.00		SANDY CLAY		150 m.m. Dia BLIND Pipe 36.39 to 84.50 m
35.00		F. SAND	36.14	150 m.m. Dia SLOTTED Pipe 84.50 to 96.54 m
46.00		CLAY	36.34	150 m.m. Dia BLIND Pipe 96.54 to 101.50 m
49.00		F.S. + M. SAND		150 m.m. Dia SLOTTED pipe 101.50 to 107.54 m
54.00		SANDY CLAY		150 m.m. Dia BLIND Pipe 107.54 to 110.50 m
58.00		F. SAND		150 m.m. Dia SLOTTED Pipe 110.50 to 116.65 m
66.00		CLAY + KANKAR		150 m.m. Dia BLIND Pipe 116.65 to 119.80 m
69.00		F. SAND		m.m. Dia Pipe to m
73.00		CLAY		m.m. Dia Pipe to m
84.50		F.S. + M. SAND	84.50	m.m. Dia Pipe to m
98.00		CLAY	96.54	Total Assembly 119.80 + AGL 0.50 = 120.30 M.
101.00		F.S. + M. SAND	101.50	
108.00		CLAY	107.54	
110.00		M. SAND	110.50	
117.00		CLAY	116.65	
132.00			119.80	

ABSTRACT

1- Drilling Started	26.8.19
2- Drilling Completed/Lowering	31.12.19
3- Drilling Depth	132.00 m
4- Assembly Lowered	120.30 m
5- Housing Pipe	36.69 m
6- Blind Pipe	59.18 m
7- Slotted Pipe	24.23 m
8- Reducer	0.20 m

LOGGING REPORT

- 14 - 20 M = 6 M.
- 35 - 45 M = 10 M.
- 48 - 55 M = 7 M.
- 58 - 65 M = 7 M.
- 68 - 73 M = 5 M.
- 84 - 97 M = 13 M.
- 101 - 108 M = 7 M.
- 110 - 117 M = 7 M.

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

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

Date of Test 22.5.020 Static W/L 4.80 Taste of Water SWEET

YIELD TEST REPORT BY O.P. UNIT

Date of Test 9.6.020 Static W/L 5.00 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS	
				Kg	Mtr.	Start	5 min	10 min	15 min		20 min
8.00	1578	9.20	8.50	0.70	7.00	2000	1200	1000	800	300	
8.50	1821	9.50	8.80	0.70	7.00	2800	1600	1200	1000	600	
9.00	2109	10.40	9.60	0.80	8.00	2600	1800	1500	1000	700	
9.50	2406	11.60	10.70	0.90	9.00	4200	2000	1600	1200	800	

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REMARKS	
				LPM	M	M	M	Start	5 min		10 min
1222	9.80	5.00	4.80	150	50	TR.	CL.	CL.			
1078	9.50	5.00	4.50	100	50	TR.	CL.	CL.			
916	9.30	5.00	4.30	50	TR.	CL.	CL.	CL.			
700	9.20	5.00	4.20	TR.	CL.	CL.	CL.	CL.			

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

RECOMMENDED DISCHARGE 700 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.

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)	0.08
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.886
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.70
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	211
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	100
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	19.2
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.2
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.61
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	181

(N)

J.E

A.E.

Executive Engineer