

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

COMPLETION PLAN OF DHANJHARI GANGA BLOCK - KHANNA ABAD W.BANK DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M.C.R.C. 600/27 SIZE OF BORE 550/1500 mm
 STATIC WATER LEVEL _____ NAME OF FIRM M/S. DEEPAK CONST. SANT KABIR NAGAR
 J.E. Incharge NANDU PRASAD A.E. Incharge BARBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.0		SURFACE CLAY		200 m.m. Dia Housing Pipe to 35.50 m
6.0		F.SAND + M.SAND		200/150 m.m. Dia Reducer 35.50 to 35.70 m
21.0		KANKAR + CLAY		150 m.m. Dia BLIND Pipe 35.70 to 77.30 m
				150 m.m. Dia SLOTTED Pipe 77.30 to 93.50 m
48.0		M.SAND		150 m.m. Dia BLIND Pipe 93.50 to 121.50 m
64.0		KANKAR + CLAY		150 m.m. Dia SLOTTED Pipe 121.50 to 136.62 m
67.0				150 m.m. Dia BLIND Pipe 136.62 to 140.70 m
		F.SAND + M.SAND		m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
				m.m. Dia _____ Pipe _____ to _____ m
			m.m. Dia _____ Pipe _____ to _____ m	
			m.m. Dia _____ Pipe _____ to _____ m	
			Total Assembly 140.70 + A.G.L. 0.50 m = 141.20	
			ABSTRACT	
			1- Drilling Started <u>2.7.018</u>	
			2- Drilling Completed/Lowering <u>28.9.018</u>	
			3- Drilling Depth <u>155.00</u> m	
			4- Assembly Lowered <u>141.20</u> m	
			5- Housing Pipe <u>36.00</u> m	
			6- Blind Pipe <u>81.68</u> m	
			7- Slotted Pipe <u>23.32</u> m	
			8- Reducer <u>0.20</u> m	
			LOGGING REPORT	
			1- 55 - 55 M = 5 M	
			2- 59 - 72 M = 13 M	
			3- 76 - 102 M = 26 M	
			4- 108 - 118 M = 10 M	
			5- 129 - 142 M = 13 M	
			6- _____	
			7- _____	
			8- _____	

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

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

Date of Test 20.10.018 Static W/L 5.60 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS		
				INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.		Start	5 min
8.00	1578	7.40	7.40	0.50	5.00	2700	2500	2000	1800	1500		
8.50	1831	8.70	8.10	0.60	6.00	3000	2800	1800	1700	1600		
9.00	2109	9.30	8.60	0.70	7.00	3600	2600	2000	1800	1200		
9.50	2406	14.00	13.20	0.80	8.00	3800	3000	2000	1500	1000		

YIELD TEST REPORT BY O.P. UNIT

Date of Test 12.12.018 Static W/L 5.60 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REMARKS		
				LPM	M	M	M	Start	5 min		10 min	15 min
1200	10.40	5.60	4.80	200	100	TR.	TR.	CL.				
1105	10.20	5.60	4.60	150	75	TR.	TR.	CL.				
1007	10.00	5.60	4.40	100	50	TR.	CL.	CL.				
802	9.80	5.60	4.20	50	TR.	CL.	CL.	CL.				
700	9.70	5.60	4.10	TR.	CL.	CL.	CL.	CL.				

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT. RECOMMENDED DISCHARGE 700 LPM AT 7.5 MIN RUNNING BY PASS

(NANDU PRASAD) J.E. (BARBAN YADAV) A.E. (ADARSH VERMA) E.E. (NANDU PRASAD) J.E. (BARBAN 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)	0.04
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.40
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.518
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	21.3
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	115
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	100
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	7.24
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.80
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.15
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	185


J.E


A.E.


Executive Engineer