

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

COMPLETION PLAN OF CHHAPRA MAGARVI T.XV.ND.2 DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 67.5/1500mm
 STATIC WATER LEVEL..... NAME OF FIRM DEPARTMENTAL
 J.E. Incharge O.P. MAURYA A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m 1.00		SURFACE CLAY		300 m.m. Dia Housing Pipe _____ to 29.60 m
		F.+M.S.+S.STONE.		300/150 m.m. Dia Reducer _____ 29.60 to 29.80 m
24.39		CLAY + KANKAR		150 m.m. Dia BLIND _____ Pipe 29.80 to 82.26 m
41.17		CAVING CLAY KANKAR		150 m.m. Dia SLOTTED _____ Pipe 82.26 to 94.26 m
50.30		F.+M.S.+S.STONE.		150 m.m. Dia BLIND _____ Pipe 94.26 to 100.30 m
50.84		CLAY KANKAR		150 m.m. Dia SLOTTED _____ Pipe 100.30 to 118.30 m
80.79		F.+M.S.+S.STONE.		150 m.m. Dia BLIND _____ Pipe 118.30 to 121.42 m
84.01		CLAY KANKAR		_____ m.m. Dia _____ Pipe _____ to _____ m
99.70		F.+M.S.+S.STONE.		_____ m.m. Dia _____ Pipe _____ to _____ m
120.43		CLAY KANKAR.		_____ m.m. Dia _____ Pipe _____ to _____ m
132.00		CLAY KANKAR.		_____ m.m. Dia _____ Pipe _____ to _____ m
				Total Assembly <u>121.42 + A.G.L. 0.50</u> = 121.92m.

ABSTRACT

- 1- Drilling Started _____
- 2- Drilling Completed/Lowering _____ 6.08.018
- 3- Drilling Depth _____ 132.00 m
- 4- Assembly Lowered _____ 121.92 m
- 5- Housing Pipe _____ 30.10 m
- 6- Blind Pipe _____ 61.62 m
- 7- Slotted Pipe _____ 30.00 m
- 8- Reducer _____ 0.20 m

LOGGING REPORT

- 1-
- 2-
- 3-
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- 7-
- 8-

O.P. MAURYA (J.E.)
BABBAN YADAV (A.E.)
ADARSH VERMA (E.E.)

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

Date of Test 30.10.18 Static W/L 5.10 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	10 min	15 min	20 min	
8.00	1570	8.50	8.00	0.50	5.00	3000	2400	2000	1600	1000					
8.50	1831	9.10	8.50	0.60	6.00	3200	2600	2200	1800	1200					
9.00	2109	10.80	10.20	0.60	6.00	3400	2800	2600	2000	1400					
9.50	2406	11.60	10.90	0.70	7.00	3800	3000	2800	2200	1600					

YIELD TEST REPORT BY O.P. UNIT

Date of Test 11.3.09 Static W/L 4.40 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	20 min	25 min		
1606	9.35	4.40	4.95	250	100	50	TR.	CL.							
1398	8.65	4.40	4.25	100	50	TR.	CL.	CL.							
1220	8.50	4.40	4.10	50	TR.	CL.	CL.	CL.							
1020	8.30	4.40	3.90	TR.	CL.	CL.	CL.	CL.							

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

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

RECOMMENDED DISCHARGE _____ RUNNING BY PASS _____

D.K. GOND (J.E.)
BABBAN YADAV (A.E.)
ADARSH VERMA (E.E.)

CHEMICAL 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)	0.02
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.75
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.00
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.614
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	14.2
टीओडीएस	ppm	500	2000	IS:3025 (Part 16)	188
रेल्कनिटी	ppm	200	600	IS:3025 (Part 23)	120
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	9.02
पी.एच	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.50
गंदापन	NTU	1	5	IS:3025 (Part 10)	0.94
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	210


J.E.

A.E.

Executive Engineer