

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

COMPLETION PLAN OF CHAK MADURULLAH (UNDER-TURN KEY) DISTRICT SANT KABIR NAGAR
 URF - MALORANA

TYPE OF RIG M/C..... SIZE OF BORE..... 5.50/5.00 mm φ

STATIC WATER LEVEL..... NAME OF FIRM... M/S. CHANDAR PAL SINGH
 J.E. Incharge... NANDU PRASAD A.E. Incharge... BAB BAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M.		CLAY	AGL. 0.50M	200 m.m. Dia Housing Pipe to 35.89 m
8.00		SANDY CLAY		200/150 m.m. Dia Reducer 35.89 to 36.09 m
13.00		F.SAND		150 m.m. Dia BLIND Pipe 36.09 to 66.52 m
18.00		CLAY		150 m.m. Dia SLOTTED Pipe 66.52 to 75.56 m
20.00		M.S. + KANKAR		150 m.m. Dia BLIND Pipe 75.56 to 80.31 m
26.00		SANDY CLAY		150 m.m. Dia SLOTTED Pipe 80.31 to 92.49 m
36.00		M.SAND		150 m.m. Dia BLIND Pipe 92.49 to 102.18 m
62.00		CLAY + KANKAR		150 m.m. Dia SLOTTED Pipe 102.18 to 105.18 m
66.00		F.S. + M.SAND		150 m.m. Dia BLIND Pipe 105.18 to 110.83 m
77.00		CLAY		m.m. Dia Pipe to m
79.00		F.S. + M.SAND		m.m. Dia Pipe to m
93.00		SANDY CLAY		m.m. Dia Pipe to m
100.00		F.SAND		Total Assembly 110.83 + AGL. 0.50 m = 111.33 m.
108.00		CLAY		
131.00		M.SAND		
134.00		CLAY		
138.00				

ABSTRACT

- 1- Drilling Started 16.10.19
- 2- Drilling Completed/Lowering 8.11.19
- 3- Drilling Depth 138.00 m
- 4- Assembly Lowered 111.33 m
- 5- Housing Pipe 36.39 m
- 6- Blind Pipe 50.52 m
- 7- Slotted Pipe 24.22 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1. 14-18M = 4M.
- 2. 20-25M = 5M.
- 3. 36-62M = 26M.
- 4. 66-76M = 10M.
- 5. 79-93M = 14M.
- 6. 101-107M = 6M.
- 7. 101-134M = 33M.
- 8.

(NANDU PRASAD) (BAB BAN YADAV) (ADARSH VERMA)
 J.E. A.E. E.E.

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

Date of Test 12.2.20 Static W/L 4.6 Taste of Water.....

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	25 min	
8.00	1578	7.40	6.80	0.60	6.00	2500	1500	800	600	400		
8.50	1831	8.30	7.60	0.70	7.00	3000	2000	1200	800	600		
9.00	2109	9.20	8.50	0.70	7.00	3400	2200	1400	1000	600		
9.50	2406	10.40	9.60	0.80	8.00	3800	2400	1600	1200	800		

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

(NANDU PRASAD) (BAB BAN YADAV) (ADARSH VERMA)
 J.E. A.E. E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 17.3.20 Static W/L 4.60 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	20 min	25 min	
1025	9.20	4.60	4.60	150	50	TR.	TR.	CL.		
916	8.90	4.60	4.30	100	TR.	TR.	CL.	CL.		
738	8.60	4.60	4.00	50	TR.	CL.	CL.	CL.		
605	8.40	4.60	3.80	TR.	CL.	CL.	CL.	CL.		

RECOMMENDED DISCHARGE 600 LPM AFT. 5 MIN RUNNING BY PASS

(NANDU PRASAD) (BAB BAN YADAV) (ADARSH VERMA)
 J.E. A.E. E.E.

SANT KABIR NAGAR

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)	0.10
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	1.72
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.52
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	185
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	110
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	9.6
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.3
गंदापन	NTU	1	5	IS:3025 (Part 10)	0.40
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	230



J.E

A.E.

Executive Engineer