

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

COMPLETION PLAN OF JABBAR BLOCK MEHRAWAL DISTRICT SANT KABIR NAGAR  
 TYPE OF RIG M/C R.C. G.O. R.J. SIZE OF BORE 550/500 mm  
 STATIC WATER LEVEL 6.10.01 NAME OF FIRM DEPARTMENTAL  
 J.E. Incharge ADITI SINGH A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00			A.G.L. 0.50m	
9.14		CLAY		200 m.m. Dia Housing Pipe to 34.67 m
16.76		F. SAND		200/150 m.m. Dia Reducer 34.67 to 34.87 m
17.68		F. SAND + STONE		150 m.m. Dia BLIND Pipe 34.87 to 63.77 m
29.56		CLAY KANKAR		150 m.m. Dia SLOTTED Pipe 63.77 to 72.77 m
35.05		F. SAND		150 m.m. Dia BLIND Pipe 72.77 to 87.77 m
		CLAY KANKAR		150 m.m. Dia SLOTTED Pipe 87.77 to 96.77 m
63.09		F. TOM. SAND		150 m.m. Dia BLIND Pipe 96.77 to 102.80 m
73.46		CLAY		m.m. Dia Pipe to m
87.17		F. SAND		m.m. Dia Pipe to m
88.39		F. TOM. SAND		m.m. Dia Pipe to m
94.49		F. TOM. SAND + KANKAR		m.m. Dia Pipe to m
97.23		CLAY KANKAR		m.m. Dia Pipe to m
131.67		CLAY KANKAR		m.m. Dia Pipe to m

Total Assembly 102.80 + A.G.L. 0.50  
 = 103.30m.

**ABSTRACT**

- 1- Drilling Started
- 2- Drilling Completed/Lowering 23.12.18
- 3- Drilling Depth 131.67 m
- 4- Assembly Lowered 103.30 m
- 5- Housing Pipe 35.17 m
- 6- Blind Pipe 49.93 m
- 7- Slotted Pipe 18.00 m
- 8- Reducer 0.20 m

**LOGGING REPORT**

- 1- .....
- 2- .....
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- 8- .....

(ADITI SINGH) J.E. (BABBAN YADAV) A.E. (ADARSH VERMA) E.E.

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

Date of Test 10.06.019 Static W/L 6.30 Taste of Water SWEET

DISCHARGE		ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS										REM-ARCS		
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	1578	6.80	6.20	0.60	6.00	3200	2000	1400	1000	500							
8.50 (8.31)	7.20	6.50	6.70	7.00	3800	2200	1600	1200	600								
9.00	2109	9.30	8.50	8.80	8.00	4400	2400	1900	1400	800							
9.50	2406	9.90	9.00	0.90	9.00	4600	2600	2200	1500	1000							

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

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

**YIELD TEST REPORT BY O.P. UNIT**

Date of Test 25.6.019 Static W/L 6.30 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE.	SAND CONTENTS										REM-ARCS	
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min						
800	11.55	6.30	5.25	200	150	50	TR.	CL.							
700	11.20	6.30	4.90	150	100	50	TR.	CL.							
600	11.00	6.30	4.70	100	50	TR.	CL.	CL.							
500	10.60	6.30	4.30	50	TR.	CL.	CL.	CL.							

RECOMMENDED DISCHARGE 500 LPM AT 10 MIN RUNNING BY PASS

(DHIRAJ KUMAR) 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
आयसन	ppm	1.0	1.0	IS:3025 (Part 53)	0.23
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	8.60
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.743
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	30
हीडोडीएसो	ppm	500	2000	IS:3025 (Part 16)	270
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	40
आवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	9.20
पी.एच०	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.30
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.72
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	70

J.E

A.E.

Executive Engineer