

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

COMPLETION PLAN OF UMARIKHURD (BLOCK-KHALILABAD) W. BANK DISTRICT SANT KABIRNAGAR  
 TYPE OF RIG/M/C R.C.G.O. 137 SIZE OF BORE 5.50/5.00 m  
 STATIC WATER LEVEL..... NAME OF FIRM M/S. MA. VAISHNO ENTERPRISES, SANT KABIRNAGAR  
 J.E. Incharge NANDU PRASAD A.E. Incharge BABAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00		SURFACE CLAY		200 m.m. Dia Housing Pipe _____ to 35.56 m 150 m.m. Dia Reducer _____ 35.56 to 35.76 m 150 m.m. Dia BLIND Pipe 35.76 to 63.18 m 150 m.m. Dia SLOTTED Pipe 63.18 to 75.27 m 150 m.m. Dia BLIND Pipe 75.27 to 79.91 m 150 m.m. Dia SLOTTED Pipe 79.91 to 88.97 m 150 m.m. Dia BLIND Pipe 88.97 to 110.47 m 150 m.m. Dia SLOTTED Pipe 110.47 to 116.59 m 150 m.m. Dia BLIND Pipe 116.59 to 133.55 m 150 m.m. Dia SLOTTED Pipe 133.55 to 136.63 m 150 m.m. Dia BLIND Pipe 136.63 to 140.49 m _____ m.m. Dia _____ Pipe _____ to _____ m Total Assembly 140.49 + 62.05 = 202.54 m
8.00		F. SAND + M. SAND		
22.00		KANKAR + CLAY		
48.00		SANDY CLAY		
60.00		F. SAND + M. SAND		
90.00		SANDY CLAY		
108.00		M. SAND		
118.00		SANDY CLAY + KANKAR		
132.00		F. SAND + M. SAND		
138.00		CLAY + KANKAR		
156.00				

**ABSTRACT**

1- Drilling Started 18.8.018  
 2- Drilling Completed/Lowering 20.8.018  
 3- Drilling Depth 156.00 m  
 4- Assembly Lowered 140.99 m  
 5- Housing Pipe 36.06 m  
 6- Blind Pipe 74.38 m  
 7- Slotted Pipe 30.35 m  
 8- Reducer 0.20 m

**LOGGING REPORT**

1- 62-90M = 28M.  
 2- 95-102M = 7M.  
 3- 110-117M = 7M.  
 4- 120-125M = 5M.  
 5- 133-140M = 7M.  
 6- \_\_\_\_\_  
 7- \_\_\_\_\_  
 8- \_\_\_\_\_

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

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

Date of Test 8.10.018 Static W/L 4.20 Taste of Water SWEEET

DISCHARGE	ST. PR.	RU. PR.	DEPRE.	SAND CONTENTS						REMARKS				
				INC.	LP.M.	Kg/Cm <sup>3</sup>	Kg/Cm <sup>2</sup>	Kg.	Mtr.		Start	5 min	10 min	15 min
8.00	1570	7.50	7.00	0.50	5.00	3200	2200	1800	1200	600				
8.50	193	8.80	8.20	0.60	6.00	3400	2400	2000	1400	800				
9.00	209	11.60	10.90	0.70	7.00	3800	2600	2200	1500	1000				
9.50	2406	14.00	13.20	0.80	8.00	4000	2800	2400	1800	1000				

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

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

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

Date of Test 10.12.18 Static W/L 4.90 Taste of Water SWEEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REMARKS		
				LPM	M	M	M	Start	5 min		10 min	15 min
1280	9.70	4.90	4.80	100	50	25	TR.	CL.				
1105	9.30	4.90	4.40	75	25	CL.	CL.	CL.				
1007	9.10	4.90	4.20	50	TR.	CL.	CL.	CL.				
800	8.70	4.90	3.80	TR.	CL.	CL.	CL.	CL.				

RECOMMENDED DISCHARGE 800 LPM AFT. 5 MIN. RUNNING BY PASS

(NANDU PRASAD) (BABAN YADAV) (ADARSH VERMA)  
 J.E. A.E. 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
		Agreeable	Agreeable		
गंध				IS:3025 (Part 5)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	Agreeable
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.27
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	2.36
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.00
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	0.669
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	7.1
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	160
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	100
सल्फेट	ppm	200	400	IS:3025 (Part 24)	0.0
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	11.01
गंदापन	NTU	1	5	IS:3025 (Part 10)	7.2
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	1.18
					230

  
J.E

  
A.E.

  
Executive Engineer

(AMRSHVH2RAGD) (YDQYH2ZAGD)