

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

COMPLETION PLAN OF UMARIA (CY. BANK.) BLOCK - HAISAR BAZAR DISTRICT, SANT KABIR NAGAR  
 TYPE OF RIG/M/C R.C. 600/27 SIZE OF BORE 550/500 mm  
 STATIC WATER LEVEL NAME OF FIRM M/s. CHANDBAL SINGH J.E. Incharge. NANDU PRASAD A.E. Incharge. BAB BANYADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00		SURFACE CLAY	0.00 - 16.00	200 m.m. Dia Housing Pipe to 35.00 m
16.00		F.T.M. SAND	16.00 - 20.00	200/150 m.m. Dia Reducer 35.00 to 36.00 m
20.00		SANDY CLAY	20.00 - 26.00	150 m.m. Dia BLIND Pipe 36.00 to 58.14 m
26.00		F. + M. SAND	26.00 - 34.00	150 m.m. Dia SLOTTED Pipe 58.14 to 61.17 m
34.00		CLAY + KANKAR	34.00 - 40.00	150 m.m. Dia BLIND Pipe 61.17 to 70.52 m
40.00		M. SAND	40.00 - 63.00	150 m.m. Dia SLOTTED Pipe 70.52 to 76.57 m
63.00		CLAY	63.00 - 68.00	150 m.m. Dia BLIND Pipe 76.57 to 82.59 m
68.00		F. + M. SAND	68.00 - 78.00	150 m.m. Dia SLOTTED Pipe 82.59 to 94.59 m
78.00		CLAY	78.00 - 80.00	150 m.m. Dia BLIND Pipe 94.59 to 115.38 m
80.00		M. SAND	80.00 - 96.00	150 m.m. Dia SLOTTED Pipe 115.38 to 118.38 m
96.00		SANDY CLAY	96.00 - 114.00	150 m.m. Dia BLIND Pipe 118.38 to 121.67 m
114.00		F. + M. SAND	114.00 - 120.00	m.m. Dia Pipe to m
120.00		CLAY	120.00 - 123.00	Total Assembly 121.67 + A.G.L. 0.40 = 122.07
123.00		M. SAND	123.00 - 131.00	
131.00		CLAY	131.00 - 134.00	
134.00		F. + M. SAND	134.00 - 140.00	
140.00		CLAY	140.00 - 142.00	

(NANDUPRASAD) (BAB BANYADAV) (ADARSH VERMA)  
 J.E. A.E. E.E.

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

Date of Test 19.1.019 Static W/L 4.60 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS		
INC.	LP.M.	Kg/Cm <sup>2</sup>	Kg/Cm <sup>2</sup>	Kg.	MLR.	Start	5 min	10 min	15 min	20 min	25 min	
0.00	1570	6.20	5.60	0.60	6.00	3000	2000	1600	1000	800		
0.50	1821	7.40	6.80	0.60	6.00	3200	2200	1800	1200	1000		
1.00	2109	7.30	6.60	0.70	7.00	3400	2400	2000	1400	1200		
1.50	2400	12.00	11.20	0.80	8.00	3800	2800	2300	1600	1400		

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

(NANDUPRASAD) (BAB BANYADAV) (ADARSH VERMA)  
 J.E. A.E. E.E.

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

Date of Test 2.2.019 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	
908	9.40	4.60	4.80	150	100	50	TR.	CL.		
802	9.20	4.60	4.60	100	50	TR.	TR.	CL.		
700	9.10	4.60	4.50	50	TR.	TR.	CL.	CL.		
602	9.00	4.60	4.40	50	TR.	CL.	CL.	CL.		
503	8.80	4.60	4.20	TR	CL.	CL.	CL.	CL.		

RECOMMENDED DISCHARGE 500 LPM AFT 5 MIN. RUNNING BY PASS

(NANDUPRASAD) (BAB BANYADAV) (ADARSH VERMA)  
 J.E. A.E. 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
		Agreeable	Agreeable	IS:3025 (Part 5)	
अम्लता	ppm	1.0	1.0	IS:3025 (Part 53)	Agreeable
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.67
आमोनिक	ppm	0.01	0.01	IS:3025 (Part 37)	2.88
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.0
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	0.738
डोडोएसो	ppm	500	2000	IS:3025 (Part 16)	21.3
हार्डनेस	ppm	200	600	IS:3025 (Part 23)	191
मैंगनीज	ppm	0.20	1.00	IS:3025 (Part 26)	110
सल्फेट	ppm	200	400	IS:3025 (Part 24)	00
डी.एच.ए.	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.45
टुरबाइडिटी	NTU	1	5	IS:3025 (Part 10)	7.1
सुक्ष्मजीव	ppm	200	600	IS:3025 (Part 21)	175
सुक्ष्मजीव	ppm	200	600	IS:3025 (Part 21)	190



J.E



A.E.



Executive Engineer