

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

COMPLETION PLAN OF UMILA (BLOCK - SEMBRIYAON) DISTRICT SANTKABIR NAGAR
 TYPE OF RIG M/C R.C.G.C./27 SIZE OF BORE 675/500mm
 STATIC WATER LEVEL _____ NAME OF FIRM DEPARTMENTAL
 J.E. Incharge AMIT SINGH A.E. Incharge BAJBANYADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m		SURFACE CLAY		300 m.m. Dia Housing Pipe _____ to 35.68 m
4.57		SANDY CLAY		200/150 m.m. Dia Reducer _____ 35.68 to 35.88 m
7.14		CLAY KANKAR		150 m.m. Dia BLIND Pipe 35.88 to 50.79 m
13.72		F. SAND		150 m.m. Dia SLOTTED Pipe 50.79 to 62.73 m
17.37		CLAY		150 m.m. Dia BLIND Pipe 62.73 to 66.83 m
18.90		M. SAND + KANKAR		150 m.m. Dia SLOTTED Pipe 66.83 to 75.81 m
23.77		CLAY KANKAR		150 m.m. Dia BLIND Pipe 75.81 to 102.47 m
				150 m.m. Dia SLOTTED Pipe 102.47 to 108.46 m
50.79		F. TO M. SAND		150 m.m. Dia BLIND Pipe 108.46 to 114.50 m
				m.m. Dia _____ Pipe _____ to _____ m
62.23		SANDY CLAY		m.m. Dia _____ Pipe _____ to _____ m
66.30		F.S. + STONE.		m.m. Dia _____ Pipe _____ to _____ m
69.35		F. TO M. SAND		m.m. Dia _____ Pipe _____ to _____ m
76.67		CLAY		Total Assembly 114.50 + A.G.L. 0.50 m = 115.00 m.
				ABSTRACT
				1- Drilling Started _____
				2- Drilling Completed/Lowering _____ 16.01.019
				3- Drilling Depth _____ 131.65 m
				4- Assembly Lowered _____ 115.00 m
				5- Housing Pipe _____ 36.68 m
				6- Blind Pipe _____ 51.71 m
				7- Slotted Pipe _____ 26.51 m
				8- Reducer _____ 0.20 m
				LOGGING REPORT
				1- _____
				2- _____
				3- _____
				4- _____
				5- _____
				6- _____
				7- _____
				8- _____

(AMIT SINGH) J.E. (BAJBANYADAV) A.E. (ADARSH VERMA) E.E.

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

Date of Test 14.2.019 Static W/L 4.60 Taste of Water SWEET

DISCHARGE		ST.PR.	R.U.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	
8.50	183	5.30	4.60	0.50	5.00	3200	2400	2000	1500	800		
9.00	2109	6.20	5.60	0.60	6.00	3600	2600	2400	1800	1000		
9.50	2406	8.00	7.30	0.70	7.00	3800	2800	2600	2000	1200		
10.00	3087	10.60	9.80	0.80	8.00	4200	3200	2800	2200	1600		

YIELD TEST REPORT BY O.P. UNIT

Date of Test 2.4.019 Static W/L 6.50 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		
1627	11.50	6.50	5.00	250	100	50	TR.	CL.			
1408	11.00	6.50	4.50	150	50	TR.	CL.	CL.			
1241	10.50	6.50	4.00	100	50	TR.	CL.	CL.			
1059	10.00	6.50	3.50	50	CL.	CL.	CL.	CL.			

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

(NANDUPRASAD) J.E. (BAJBANYADAV) A.E. (ADARSH VERMA) E.E.

RECOMMENDED DISCHARGE 1000 LPM AFT. 5 MIN RUNNING BY PASS

(DEVENDAR KUMAR) J.E. (BAJBANYADAV) A.E. (ADARSH VERMA) 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
गंध		Agreeable	Agreeable	IS:3025 (Part 5)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.27
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	1.92
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)	14.2
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	187
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	100
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	5.40
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.40
गंदापन	NTU	1	5	IS:3025 (Part 10)	0.89
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	220


J.E

A.E.

Executive Engineer