

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

COMPLETION PLAN OF TEMA RAHAMATI W/S. SCHE. (WORLD BANK) DISTRICT SANT KABIR NAGAR
 TYPE OF RIG/M/C R.C.G.O./R7 (BLOCK SEMRIYA)
 STATIC WATER LEVEL..... NAME OF FIRM M/S. SHARMA ASSOCIATES SIZE OF BORE 550/500 mm
 J.E. Incharge NANDU PRASAD A.E. Incharge BARBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M.		SURFACE CLAY		
5.80		SANDY CLAY		200 m.m. Dia Housing Pipe to 35.77 m
8.00		F. SAND + M. SAND		200/150 m.m. Dia Reducer 35.77 to 35.97 m
				150 m.m. Dia BLIND Pipe 35.97 to 65.46 m
28.00		CLAY + FRANKAR		150 m.m. Dia SLOTTED Pipe 65.46 to 74.55 m
35.00		F. SAND + M. SAND	35.77	150 m.m. Dia BLIND Pipe 74.55 to 83.56 m
			35.77	150 m.m. Dia SLOTTED Pipe 83.56 to 89.60 m
43.00		CLAY		150 m.m. Dia BLIND Pipe 89.60 to 98.51 m
				150 m.m. Dia SLOTTED Pipe 98.51 to 104.54 m
55.00		SANDY CLAY		150 m.m. Dia BLIND Pipe 104.54 to 113.50 m
				150 m.m. Dia SLOTTED Pipe 113.50 to 116.50 m
64.00		F. SAND + M. SAND		150 m.m. Dia BLIND Pipe 116.50 to 119.74 m
			65.46	m.m. Dia _____ Pipe _____ to _____ m
76.00		SANDY CLAY		Total Assembly 119.74 + A6L.0.50 = 120.24 m
82.00		F. SAND + M. SAND		
90.00		CLAY + KANKAR		ABSTRACT
97.00		M. SAND		1- Drilling Started 2.8.018
				2- Drilling Completed/Lowering 14.8.018
106.00		SANDY CLAY		3- Drilling Depth 136.00 m
112.00		F. SAND + M. SAND		4- Assembly Lowered 120.24 m
118.00		CLAY		5- Housing Pipe 36.27 m
				6- Blind Pipe 59.61 m
136.00				7- Slotted Pipe 24.16 m
				8- Reducer 0.20 m
				LOGGING REPORT
				1- 35M - 42M = 7M
				2- 53M - 60M = 7M
				3- 65M - 75M = 10M
				4- 83M - 90M = 7M
				5- 98M - 105M = 7M
				6- 113M - 117M = 4M
				7-
				8-

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

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

Date of Test 30.8.018 Static W/L 3.10 Taste of Water SWEET.....

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REM-ARKS		
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	7.50	6.80	0.70	7.00	3000	2000	1200	1000	800		
8.50	1831	8.80	8.00	0.80	8.00	3200	2200	1400	1200	1000		
9.00	2109	10.10	9.30	0.80	8.00	3400	2400	1600	1600	1000		
9.50	2406	11.60	10.70	0.90	9.00	3600	2800	1800	1600	1200		

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

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 24.9.18 Static W/L 3.10 Taste of Water SWEET.....

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REM-ARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min	
1200	7.90	3.10	4.80	200	100	50	TR.	TR.		
1105	7.70	3.10	4.60	150	50	TR.	TR.	CL.		
1007	7.50	3.10	4.40	100	50	TR.	CL.	CL.		
802	7.30	3.10	4.20	50	TR.	CL.	CL.	CL.		
700	7.20	3.10	4.10	TR.	CL.	CL.	CL.	CL.		

RECOMMENDED DISCHARGE 700 LPM AFF. 5 MIN. RUNNING BY PASS

(NANDU PRASAD) (BARBAN YADAV) (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
गंध		Agreeable	Agreeable	IS:3025 (Part 5)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	Agreeable
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	0.23
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.65
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.0
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	0.589
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	142
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	104
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	95
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)	308
गंदापन	NTU	1	5	IS:3025 (Part 10)	7.7
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	0.51
					160


J.E.


A.E.


Executive Engineer