

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

COMPLETION PLAN OF RAIPAR (UNDER-NRDWP) PAITHAN DISTRICT SANTKAIRNAGAR
 TYPE OF RIG M/C R.C.600/87 SIZE OF BORE 550/500mm
 STATIC WATER LEVEL _____ NAME OF FIRM M/S DEEPAK CONSTRUCTION
 J.E. Incharge NANDU PRASAD A.E. Incharge BABAN YADAV

DEPTH B.G.L. METER	RODING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M.			26.50m	
3.04		SURFACE CLAY		200 m.m. Dia Housing Pipe to 35.82 m
9.80		CLAY+KANKAR		200/150 m.m. Dia Reducer 35.82 to 35.92 m
16.00		F.SAND		150 m.m. Dia BLIND Pipe 35.92 to 64.19 m
21.00		SAND CLAY		150 m.m. Dia SLOTTED Pipe 64.19 to 70.26 m
27.00		M.SAND		150 m.m. Dia BLIND Pipe 70.26 to 78.41 m
35.00		CLAY	35.82	150 m.m. Dia SLOTTED Pipe 78.41 to 90.56 m
		F.SAND	35.92	150 m.m. Dia BLIND Pipe 90.56 to 96.63 m
44.00		CLAY		150 m.m. Dia SLOTTED Pipe 96.63 to 102.70 m
48.00		F.T.O.M.SAND		150 m.m. Dia BLIND Pipe 102.70 to 108.78 m
54.00		CLAY+KANKAR		m.m. Dia _____ Pipe _____ to _____ m
60.00		M.SAND	64.19	m.m. Dia _____ Pipe _____ to _____ m
72.00		CLAY	70.26	m.m. Dia _____ Pipe _____ to _____ m
75.00		M.SAND	78.41	Total Assembly 108.78+AGL.0.50 m = 109.28 m.
		CLAY+KANKAR	90.56	ABSTRACT
92.00		F.T.O.M.SAND	96.63	1- Drilling Started _____
103.00		SANDY CLAY	102.70	2- Drilling Completed/Lowering 13.2.020
110.00		V.F.SAND	108.78	3- Drilling Depth 132.00 m
115.00		CLAY	108.78	4- Assembly Lowered 109.20 m
			2 BALDUG	5- Housing Pipe 36.32 m
				6- Blind Pipe 48.57 m
				7- Slotted Pipe 24.29 m
				8- Reducer 0.10 m
				LOGGING REPORT
				1- 1.0-1.6m = 6m.
				2- 2.2-2.6m = 4m.
				3- 3.5-4.5m = 8m.
				4- 4.9-5.3m = 4m.
				5- 6.2-7.2m = 10m.
				6- 7.7-9.3m = 8.6m.
				7- 9.5-10.2m = 7m.
				8- 11.0-11.5m = 5m.

(NANDUPRASAD) (BABAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E.

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

Date of Test 29.2.20 Static W/L _____ Taste of Water _____

DISCHARGE		ST.PR.	RU.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
8.00	1578	6.90	6.30	0.60	6.00	2000	1000	800	500	1000	
8.50	1831	8.30	7.60	0.70	7.00	3000	1500	1000	800	500	
9.00	2109	9.00	8.30	0.70	7.00	3600	1800	1000	1000	600	
9.50	2406	10.20	9.40	0.80	8.00	4200	2000	1500	1200	800	

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

(NANDUPRASAD) (BABAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 1.5.020 Static W/L 4.10 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
1279	9.10	4.10	5.00	150	50	TR.	TR.	CL.	
1027	8.80	4.10	4.70	100	50	TR.	CL.	CL.	
905	8.40	4.10	4.30	50	TR.	CL.	CL.	CL.	
802	8.10	4.10	4.00	TR.	CL.	CL.	CL.	CL.	

RECOMMENDED DISCHARGE 802 LPM AFT. 5 MIN RUNNING BY PASS

(NANDUPRASAD) (BABAN YADAV) (ADARSHVERMA)
 J.E. A.E. E.E.

CHEMICAL TEST REPORT OF WATER SAMPLE

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)	0.04
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.443
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.50
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	30
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	166
रेल्कनिटी	ppm	200	600	IS:3025 (Part 23)	140
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	19.2
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.4
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.80
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	180



J.E

A.E.

Executive Engineer