

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

COMPLETION PLAN OF BAIRAWA CHAMANIXADISTRICT MAHARAJGANJTYPE OF RIG M/C R.C. 600/27SIZE OF BORE 550/500 mmSTATIC WATER LEVEL..... NAME OF FIRM DEPARTMENTALJ.E. Incharge O.P. MAURYAA.E. Incharge VINODKUMAR

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m			A.G.L. 50m	
10.00		CLAY		200 m.m. Dia Housing Pipe to 35.48 m
18.00		F.T.M. SAND		200/150 m.m. Dia Reducer 35.48 to 35.68 m
22.00		CLAY		150 m.m. Dia BLIND Pipe 35.68 to 55.45 m
26.00		F.T.M. SAND		150 m.m. Dia SLOTTED Pipe 55.45 to 79.44 m
30.00		CLAY KANKAR	35.48	150 m.m. Dia BLIND Pipe 79.44 to 94.50 m
		F.T.M. S. + CLAY KANKAR	35.68	150 m.m. Dia SLOTTED Pipe 94.50 to 97.52 m
45.00				150 m.m. Dia BLIND Pipe 97.52 to 103.55 m
53.00		CLAY KANKAR		m.m. Dia Pipe to m
			55.45	m.m. Dia Pipe to m
		F.T.M. S. + KANKAR BOLDER		m.m. Dia Pipe to m
				m.m. Dia Pipe to m
80.00			79.44	m.m. Dia Pipe to m
		CLAY KANKAR		Total Assembly 103.55 + A.G.L. 50 = 104.05
94.00				
98.00		F. SAND	94.50	
100.00		CLAY	97.52	
104.00		V.F. SAND	103.55	
113.00		CLAY		
117.00		V.F. SAND		
120.00		CLAY		
124.00		V.F. SAND		
		CLAY		
140.00				

ABSTRACT

- 1- Drilling Started.....
- 2- Drilling Completed/Lowering 11.01.020
- 3- Drilling Depth 140.00 m
- 4- Assembly Lowered 104.05 m
- 5- Housing Pipe 35.98 m
- 6- Blind Pipe 40.86 m
- 7- Slotted Pipe 27.01 m
- 8- Reducer 0.26 m

LOGGING REPORT

1. 10 - 18 m = 8 m.
2. 22 - 26 m = 4 m.
3. 30 - 45 m = 15 m.
4. 53 - 80 m = 27 m.
5. 94 - 98 m = 4 m.
6. 100 - 104 m = 4 m.
7. 113 - 117 m = 4 m.
8. 120 - 124 m = 4 m.

NOTE - SL. No. 5 IS F. SAND
SL. No. 6-8 IS V.F. SAND

(O.P. MAURYA)

(VINODKUMAR) (ADARSHVERMA)

J.E.

A.E.

E.E.

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

Date of Test 11.2.020Static W/L 2.50 Taste of Water SWEET

DISCHARGE		ST.PR.	RU.PR.	DEPRE.		SAND CONTENTS					
INC.	L.P.M.	Kg/Cm ³	Kg/Cm ³	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min
9.00	2109	2109	6.70	5.60	0.60	6.00	2000	1000	800	500	300
9.25	9.25	2259	6.80	6.10	0.70	7.00	2500	1800	1200	800	500
9.25	9.25	2259	8.80	7.30	0.70	7.00	3000	2000	1500	1000	600
9.50	9.50	2406	11.20	10.40	0.80	8.00	4000	2500	1800	1200	800
NOTE: RESSA											

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

(A.K. GUPTA)

J.E.

(VINODKUMAR) (ADARSHVERMA)

A.E.

E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 11.2.020Static W/L 2.50 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	

RECOMMENDED DISCHARGE

RUNNING BY PASS

J.E.

A.E.

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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)	0.08
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.886
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
प्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.70
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	135
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)	19.2
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.3
गंदापन	NTU	1	5	IS:3025 (Part 10)	1.00
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	180

J.E

A.E.

Executive Engineer