

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

COMPLETION PLAN OF GANGI (T.M.)DISTRICT MAHARAJGANJTYPE OF RIG M/C R.S. 600/27SIZE OF BORE 550/500 mm φSTATIC WATER LEVEL..... NAME OF FIRM M/S. MAYADEVIJ.E. Incharge BIRENDAR YADAVA.E. Incharge VINOD KUMAR

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m			A.G. 0.50m	
6.00		CLAY		200 m.m. Dia Housing Pipe _____ to 35.60 m
18.00		M.S. + KANKAR.		200/150 m.m. Dia Reducer _____ 35.60 to 35.80 m
24.00		CLAY + KANKAR.		150 m.m. Dia BLIND _____ Pipe 35.80 to 53.00 m
30.00		F.T.O.M. SAND		150 m.m. Dia SLOTTED _____ Pipe 53.00 to 59.00 m
38.00		BOLDER + CLAY		150 m.m. Dia BLIND _____ Pipe 59.00 to 64.50 m
42.00		F.T.O.M. SAND		150 m.m. Dia SLOTTED _____ Pipe 64.50 to 67.50 m
49.00		CLAY		150 m.m. Dia BLIND _____ Pipe 67.50 to 72.50 m
59.00		COARSE SAND		150 m.m. Dia SLOTTED _____ Pipe 72.50 to 75.50 m
62.00		CLAY		150 m.m. Dia BLIND _____ Pipe 75.50 to 91.53 m
69.00		M.S. + KANKAR		150 m.m. Dia SLOTTED _____ Pipe 91.53 to 97.53 m
72.00		CLAY		150 m.m. Dia BLIND _____ Pipe 97.53 to 100.53 m
77.00		M. SAND		150 m.m. Dia SLOTTED _____ Pipe 100.53 to 103.53 m
		CLAY		150 BLIND _____ 103.53 - 109.60
90.00		CLAY		Total Assembly _____ 109.60 + 461.0.50 = 110.18M.
		COARSE SAND		
105.00		CLAY		
108.00		V.F. SAND		
111.00		CLAY + V.F. SAND		
127.00		V.F. SAND		
130.00		CLAY		
132.00				

ABSTRACT

- 1- Drilling Started _____
- 2- Drilling Completed/Lowering _____ 7.9.2020
- 3- Drilling Depth _____ 132.00 m
- 4- Assembly Lowered _____ 110.18 m
- 5- Housing Pipe _____ 36.10 m
- 6- Blind Pipe _____ 52.88 m
- 7- Slotted Pipe _____ 21.00 m
- 8- Reducer _____ 0.20 m

LOGGING REPORT 6.09.2020

1. 11-15m = 4m.
2. 20-35m = 15m.
3. 50-60m = 10m.
4. 64-68m = 04m.
5. 72-76m = 04m.
6. 91-98m = 07m.
7. 100-104m = 04m.
8. 110-114m = 04m.
9. 122-132m = 10m.

NOTE - S.N. 08 ARE V.F.S. & 09 IS INTERMIXED WITH F.S. WITH KANKAR.

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

Date of Test 16.9.2020

Static W/L 5.20 Taste of Water SWEET

YIELD TEST REPORT BY O.P. UNIT

Date of Test 5.11.2020 Static W/L 3.90 Taste of Water SWEET

DISCHARGE		ST.PR.	RU.PR.	DEPRE.		SAND CONTENTS						REMARKS	DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS						REMARKS
INC.	L.P.M.	Kg/Cm ³	Kg/Cm ³	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min		LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min	
7.00	1035	6.00	5.60	0.40	4.00	4000	3500	3000	2500	1800			1200	8.90	3.90	5.00	400	300	200	100	50		
7.50	1244	6.80	6.40	0.40	4.00	4500	4000	3500	2500	2000			1000	8.75	3.90	4.85	300	200	100	50	TR.		
8.00	1578	10.00	9.50	0.50	5.00	6000	5000	3500	3000	2200			900	8.50	3.90	4.60	100	500	TR.	TR.	CL		
8.50	1831	10.50	9.90	0.60	6.00	6500	5000	4500	4000	3000			700	8.10	3.90	4.20	50	TR.	CL.	CL.	CL.		

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT

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

RECOMMENDED DISCHARGE 700 LPM AT 10 DPM RUNNING BY PASS

(B. KUMAR) J.E.

(VINOD KUMAR) A.E.

(ADARSH VERMA) E.E.

(B. KUMAR) J.E.

(VINOD KUMAR) 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)	0.06
नाइट्रेट	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)	0.70
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	26.3
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	110
अवशेष कलोरीन	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)	7.6
गंदापन	NTU	1	5	IS:3025 (Part 10)	2.59
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	240

J.E

A.E.

Executive Engineer