

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

COMPLETION PLAN OF SEMRAHANA DISTRICT MAHARAJ GANJ
 TYPE OF RIG M/C. R.C. 600/27 SIZE OF BORE 500/500 mm
 STATIC WATER LEVEL 5.90M NAME OF FIRM DEPARTMENTAL
 J.E. Incharge O.P. MAURYA A.E. Incharge VINODKUMAR

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		CLAY	AGL 0.50M	
7.62		F.SAND		m.m. Dia Housing Pipe _____ to _____ m
12.90		CLAYKANKAR		m.m. Dia Reducer _____ to _____ m
13.71		F.SAND		150 m.m. Dia BLIND Pipe _____ to 68.16 m
15.24		CLAY		150 m.m. Dia SLOTTED Pipe 68.16 to 72.96 m
16.77		F.SAND		150 m.m. Dia BLIND Pipe 72.96 to 93.71 m
18.29		CLAY		150 m.m. Dia SLOTTED Pipe 93.71 to 99.75 m
19.81		F.TOM.SAND		150 m.m. Dia BLIND Pipe 99.75 to 105.75 m
24.39		CLAYKANKAR		150 m.m. Dia SLOTTED Pipe 105.75 to 106.95 m
35.06		F.TOM.SAND		150 m.m. Dia BLIND Pipe 106.95 to 112.95 m
42.68		CLAY		m.m. Dia _____ Pipe _____ to _____ m
45.73		F.TOM.SAND		m.m. Dia _____ Pipe _____ to _____ m
50.02		CLAYKANKAR		m.m. Dia _____ Pipe _____ to _____ m
54.88		F.TOM.SAND		Total Assembly 112.95 + AGL 0.50 m
58.84		CLAY		= 113.45 m
69.68		F.TOM.SAND		ABSTRACT
73.17		CLAYKANKAR		1- Drilling Started _____
		CLAY		2- Drilling Completed/Lowering <u>6.4.019</u>
92.98		F.TOM.SAND		3- Drilling Depth <u>125.00</u> m
100.66		CLAYKANKAR		4- Assembly Lowered <u>113.45</u> m
105.49		F.TOM.SAND		5- Housing Pipe _____ m
107.32		CLAYKANKAR		6- Blind Pipe <u>101.41</u> m
125.00		CLAYKANKAR		7- Slotted Pipe <u>12.04</u> m
				8- Reducer _____ m
				LOGGING REPORT
				1- _____
				2- _____
				3- _____
				4- _____
				5- _____
				6- _____
				7- _____
				8- _____

(O.P. MAURYA) J.E. (VINODKUMAR) A.E. (ADARSHVERMA) E.E.

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

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

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS												REM- ARKS
INC.	L.P.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min					
7.75	1244	7.00	6.40	0.60	6.00	3000	2070	1500	1000	400						
7.50	1346	9.75	9.05	0.70	7.00	400	2500	1800	1000	800						
8.00	1576	10.80	10.00	0.80	8.00	500	4200	3200	2300	1600						

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 15.10.19 Static W/L 3'50 Taste of Water SX/FEEL

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							
600	7.45	3.50	3.95	200	150	50	TR.	CL.								
500	7.35	3.50	3.85	150	100	50	TR.	CL.								
400	7.25	3.50	3.75	100	50	TR.	CL.	CL.								
300	7.10	3.50	3.60	50	TR.	CL.	CL.	CL.								

RECOMMENDED DISCHARGE 300 LPM AFT. 10 MIN. RUNNING BY PASS

(A.K. GUPTA) J.E. (VINOD KUMAR) A.E. (DHIRAJ KUMAR) J.E. (VINODKUMAR) A.E. (ADARSHVERMA) 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)	0.42
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	1.28
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.5
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	30
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	120
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	120
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	15.31
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)	2.90
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	180

J.E

A.E.

Executive Engineer