

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

COMPLETION PLAN OF NARAYANPUR DISTRICT MAHARAJGANJ
TYPE OF RIG M/C. R.C.GOO/27 SIZE OF BORE 550/500 mm Ø
STATIC WATER LEVEL 5.80 M NAME OF FIRM DEPARTMENTAL
J.E. Incharge O.P. MAURYA A.E. Incharge VINOD KUMAR

[illegible]

(O.P. MAURYA)
I.E.

(VINOD KUMAR) (ADARSH VERMA)
A.E. E.E.

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

Date of Test 24.10.019 Static W/L 3.10 Taste of Water. SWEET.

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	
9.00	2109	6.20	5.60	0.60	6.00	3000	2000	1500	1000	400		
9.25	2259	6.80	6.10	0.70	7.00	4000	2500	1800	1200	800		
9.50	2404	11.25	10.45	0.80	8.00	500	4200	3200	2300	1600		

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

(A.K.GOPYA)
J.E.

(VINOD KUMAR) (ADARSHYERMA)
A.E. E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 7.11.19 Static W/L 3.10 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	
650	7.25	3.10	4.15	200	150	100	50	CL.		
600	7.20	3.10	4.10	150	100	50	TR.	CL.		
500	7.05	3.10	3.95	100	50	TR.	CL.	CL.		
400	6.40	3.10	3.80	50	TR.	CL.	CL.	CL.		

RECOMMENDED DISCHARGE 400 LPM AFT. 10 MIN RUNNING BY PASS

DEEPAJ KUMAR VINODKUMAR ADARSH VERMA
I.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
		Agreeable	Agreeable	IS:3025 (Part 5)	Agreeable
गंध				IS:3025 (Part 53)	0.65
आयसन	ppm	1.0	1.0	IS:3025 (Part 34)	1.39
नाइट्रेट	ppm	45	45	IS:3025 (Part 37)	0
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 60)	0.5
क्लोराईड	ppm	1	2	IS:3025 (Part 32)	2.0
क्लोराईड	ppm	250	1000	IS:3025 (Part 16)	144
टोटल डीओएस	ppm	500	2000	IS:3025 (Part 23)	120
एल्कनिटी	ppm	200	600	IS:3025 (Part 26)	0
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 24)	9.23
सल्फेट	ppm	200	400	IS:3025 (Part 11)	7.2
पी.एच	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 10)	1.05
गंधापन	NTU	1	5	IS:3025 (Part 21)	140
महत्वपूर्ण कठोरता	ppm	200	600		

J.E

A.E.

Executive Engineer