

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

COMPLETION PLAN OF... TANGAL DESHAR, CY: BANK) BLOCK - BELHAR KALA DISTRICT, SANT KABIR NAGAR,
 TYPE OF RIG M/C... R.C. 60027
 STATIC WATER LEVEL... NAME OF FIRM. M/S. R.R. TRADERS, GORAKHPUR SIZE OF BORE... 625/500 mm
 J.E. Incharge. NANDU PRASAD A.E. Incharge. BARBANYADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS	
0.00		SURFACE CLAY	AGL 0.50m		
6.00		F. SAND		300 m.m. Dia Housing Pipe	to 35.89 m
12.00		SANDY CLAY		300/150 m.m. Dia Reducer	35.89 to 36.09 m
16.00		F. SAND		150 m.m. Dia BLIND	Pipe 36.09 to 60.24 m
22.00		CLAY		150 m.m. Dia SLOTTED	Pipe 60.24 to 72.29 m
28.00		F.S. + M. SAND	35.89	150 m.m. Dia BLIND	Pipe 72.29 to 80.50 m
32.00		CLAY	36.09	150 m.m. Dia SLOTTED	Pipe 80.50 to 92.55 m
38.00		F.S. + M. SAND		150 m.m. Dia BLIND	Pipe 92.55 to 108.60 m
48.00		KANKAR CLAY		150 m.m. Dia SLOTTED	Pipe 108.60 to 114.63 m
52.00		M. SAND		150 m.m. Dia BLIND	Pipe 114.63 to 120.66 m
				m.m. Dia	Pipe to m
				m.m. Dia	Pipe to m
74.00		CLAY	60.24	m.m. Dia	Pipe to m
78.00		F.S. + M. SAND	72.29	m.m. Dia	Pipe to m
			80.50	Total Assembly 120.66 + AGL 0.50 = 121.16 M.	
				ABSTRACT	
94.00		SANDY CLAY	92.55	1- Drilling Started 2.07.018	
107.00		M. SAND	108.60	2- Drilling Completed/Lowering 26.9.018	
116.00		CLAY	114.63	3- Drilling Depth 140.00 m	
120.00		F. SAND	120.66	4- Assembly Lowered 121.16 m	
134.00		CLAY		5- Housing Pipe 36.39 m	
140.00				6- Blind Pipe 54.44 m	
				7- Slotted Pipe 30.13 m	
				8- Reducer 0.20 m	
				LOGGING REPORT	
				1- 4.0 - 47 M = 7 M.	
				2- 5.3 - 73 M = 20 M.	
				3- 8.0 - 93 M = 13 M.	
				4- 10.8 - 115 M = 7 M.	
				5- 12.2 - 132 M = 10 M.	
				6-	
				7-	
				8-	

(NANDU PRASAD) (BARBANYADAV) (ADARSH VERMA)
 J.E. A.E. E.E.

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

Date of Test 13.10.018 Static W/L 4.30 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS		
				INC	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.		Mtr.	
8.00	1570	6.90	6.30	0.60	6.00	2700	2500	2000	1800	1500	
8.50	1031	8.70	8.10	0.60	6.00	3000	2800	1800	1700	1600	
9.00	2109	9.30	8.60	0.70	7.00	3600	2600	2000	1800	1400	
9.50	2404	11.20	10.40	0.80	8.00	4000	3000	2200	1500	1200	

YIELD TEST REPORT BY O.P. UNIT

Date of Test 27.11.018 Static W/L 4.30 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS					REMARKS
				Start	5 min	10 min	15 min	20 min	
1852	8.80	4.30	4.60	250	150	100	50	TR.	
1606	8.70	4.30	4.50	150	50	TR.	TR.	CL.	
1470	8.60	4.30	4.30	100	50	TR.	TR.	CL.	
1303	8.50	4.30	4.20	50	TR.	TR.	TR.	CL.	
1134	8.30	4.30	4.00	TR.	CL.	CL.	CL.	CL.	


NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT. RECOMMENDED DISCHARGE 500 LPM. AFT. 5 MIN. RUNNING BY PASS

(NANDU PRASAD) (BARBANYADAV) (ADARSH VERMA) (NANDU PRASAD) (BARBANYADAV) (ADARSH VERMA)
 J.E. A.E. E.E. 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
		Agreeable	Agreeable	IS:3025 (Part 5)	
गंध				IS:3025 (Part 5)	Agreeable
कठोरता	ppm	1.0	1.0	IS:3025 (Part 53)	0.27
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	2.20
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
क्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.448
सोडियम क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	14.2
डी.डी.एस.ओ	ppm	500	2000	IS:3025 (Part 16)	201
हार्डनेस	ppm	200	600	IS:3025 (Part 23)	73
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	5.38
पी.एच.ओ	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.2
गंधापन	NTU	1	5	IS:3025 (Part 10)	0.48
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	140


 J.E


 A.E.


 Executive Engineer