

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

COMPLETION PLAN OF PHARENDIA BLOCK - KHALILABAD (N. BANK) DISTRICT SANT KABIR MAGAR
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 6.25/500 mm
 STATIC WATER LEVEL NAME OF FIRM M/S. SANJAY KUMAR SINGH, GORAKHPUR
 J.E. Incharge NANDU PRASAD A.E. Incharge BABUBHANYADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		SURFACE CLAY		300 m.m. Dia Housing Pipe to 35.76 m
8.00		F. SAND		300/150 m.m. Dia Reducer 35.76 to 35.76 m
				150 m.m. Dia BUND Pipe 35.76 to 71.19 m
				150 m.m. Dia SLOTTED Pipe 71.19 to 74.19 m
36.00		SANDY CLAY	35.76	150 m.m. Dia BLIND Pipe 74.19 to 78.49 m
			35.76	150 m.m. Dia CLOTTED Pipe 78.49 to 92.91 m
				150 m.m. Dia BLIND Pipe 92.91 to 120.49 m
48.00		F. SAND + M. SAND		150 m.m. Dia SLOTTED Pipe 120.49 to 129.41 m
				150 m.m. Dia BLIND Pipe 129.41 to 132.52 m
66.00		CLAY + KANKAR		150 m.m. Dia SLOTTED Pipe 132.52 to 135.52 m
69.00		F. SAND + M. SAND	71.19	150 m.m. Dia BLIND Pipe 135.52 to 141.15 m
			74.19	
			78.49	
				Total Assembly AKI.15 + AGL.0.40 = 141.55 M.
95.00		CLAY	92.91	
				ABSTRACT
				1- Drilling Started 12.7.18
				2- Drilling Completed/Lowering 19.11.18
				3- Drilling Depth 157.00 m
				4- Assembly Lowered 141.55 m
118.00		M. SAND	120.49	5- Housing Pipe 36.16 m
				6- Blind Pipe 75.85 m
132.00		F. SAND + M. SAND	129.41	7- Slotted Pipe 29.34 m
137.00		CLAY + KANKAR	132.52	8- Reducer 0.20 m
140.00		F. SAND + M. SAND	135.52	
			141.15	LOGGING REPORT
148.00		CLAY		1- 50 - 66 M = 16 M.
				2- 70 - 75 M = 5 M.
157.00				3- 78 - 94 M = 16 M.
				4- 120 - 130 M = 10 M.
				5- 132 - 136 M = 4 M.
				6- 140 - 145 M = 5 M.
				7-
				8-

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

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

Date of Test 31.01.19 Static W/L 6.30 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS		
INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min	
8.50	103	7.40	6.00	0.60	6.00	2000	2200	1500	1000	800		
9.00	2109	10.00	9.30	0.70	7.50	3000	2400	1800	1400	1000		
9.50	2406	12.00	12.50	0.80	8.00	3400	2600	2000	1600	1200		
10.00	3007	13.70	12.80	0.90	9.00	3900	3000	2200	1800	1400		

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

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 11.2.19 Static W/L 6.30 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	
1606	11.30	6.30	5.00	200	100	50	TR	CL		
1470	10.90	6.30	4.60	100	50	TR	CL	CL		
1134	10.70	6.30	4.40	50	TR	CL	CL	CL		
950	10.50	6.30	4.20	TR	CL	CL	CL	CL		


RECOMMENDED DISCHARGE 900 LPM AFT 5 MIN RUNNING BY PASS

(NANDU PRASAD) J.E. (BABUBHANYADAV) 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
		Agreeable	Agreeable	IS:3025 (Part 5)	
गंध				IS:3025 (Part 5)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.14
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	1.75
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0.0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.857
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	14.2
टीओडीएस	ppm	500	2000	IS:3025 (Part 16)	125
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	95
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0.00
सल्फेट	ppm	200	400	IS:3025 (Part 24)	8.96
पी.एच०	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.3
गंधापन	NTU	1	5	IS:3025 (Part 10)	3.16
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	115


J.E


A.E.


Executive Engineer