

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

COMPLETION PLAN OF KALI ZAGADISHPUR BLOCK, NATHNAGAR, W. BANK, DISTRICT, SANTI KABIR NAGAR
 TYPE OF RIG M/C R.C. 600/27 SIZE OF BORE 675/550 mm
 STATIC WATER LEVEL..... NAME OF FIRM M/S. SUNBEEPI CONST. CO., G.K.P.
 J.E. Incharge NANDU PRASAD A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00			AGL 0.50 M.	
15.00		SURFACE CLAY		300 m.m. Dia Housing Pipe to 35.72 m
28.00		F. SAND + M. SAND		300/200 m.m. Dia Reducer 35.72 to 35.92 m
35.00		CLAY + KANKAR	35.72	200 m.m. Dia BLIND Pipe 35.92 to 56.50 m
38.00		F. SAND + M. SAND	35.92	200 m.m. Dia SLOTTED Pipe 56.50 to 65.51 m
55.00		CLAY		200 m.m. Dia BLIND Pipe 65.51 to 86.50 m
66.00		F. SAND + M. SAND		200 m.m. Dia SLOTTED Pipe 86.50 to 95.61 m
		CLAY + KANKAR		200 m.m. Dia BLIND Pipe 95.61 to 108.51 m
		F. SAND + M. SAND		200 m.m. Dia SLOTTED Pipe 108.51 to 114.54 m
		CLAY + KANKAR		200 m.m. Dia BLIND Pipe 114.54 to 135.54 m
		F. SAND + M. SAND		200 m.m. Dia SLOTTED Pipe 135.54 to 141.57 m
		CLAY + KANKAR		200 m.m. Dia BLIND Pipe 141.57 to 145.04 m
		F. SAND + M. SAND		m.m. Dia Pipe to m
		SANDY CLAY		Total Assembly 145.04 + AGL 0.50 = 145.54 M.
		F. SAND + M. SAND		
		SANDY CLAY + KANKAR		
		F. SAND + M. SAND		
		CLAY		

ABSTRACT

- 1- Drilling Started 24.7.018
- 2- Drilling Completed/Lowering 13.9.018
- 3- Drilling Depth 160.00 m
- 4- Assembly Lowered 145.54 m
- 5- Housing Pipe 36.22 m
- 6- Blind Pipe 78.94 m
- 7- Slotted Pipe 30.18 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 32 - 38 M = 6 M.
- 2- 55 - 66 M = 11 M.
- 3- 84 - 97 M = 13 M.
- 4- 108 - 115 M = 7 M.
- 5- 134 - 150 M = 16 M.
- 6-
- 7-
- 8-

1341L PLUG

(NANDU PRASAD) (BABBAN YADAV) (ADARSH VERMA)
 J.E. A.E. E.E.

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

Date of Test 29.10.18 Static W/L 4.50 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS		
				INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.		Mtr.	
8.50	183	6.50	5.80	0.70	7.00	4000	2400	2200	1500	800	
9.00	2109	8.80	8.00	0.80	8.00	4200	2600	2400	1600	1000	
9.50	2400	11.30	10.50	0.80	8.00	4400	2800	2600	1800	1000	
10.00	2740	14.00	13.10	0.90	9.00	4500	3000	2800	2000	1200	

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 17.12.18 Static W/L 4.50 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS					REMARKS
				Start	5 min	10 min	15 min	20 min	
2173	9.50	4.50	5.00	200	100	50	TR.	CL.	
1852	9.00	4.50	4.50	100	50	TR.	CL.	CL.	
1606	8.60	4.50	4.10	50	25	CL.	CL.	CL.	
1323	8.40	4.50	3.00	25	TR.	CL.	CL.	CL.	

RECOMMENDED DISCHARGE 1300 LPM AFT. 10 MIN RUNNING BY PASS

(NANDU PRASAD) (BABBAN YADAV) (ADARSH VERMA) (NANDU PRASAD) (BABBAN YADAV) (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
गंध		Agreeable	Agreeable		
आयरन	ppm	1.0	1.0	IS:3025 (Part 5)	Agreeable
नाईट्रेट	ppm	45	45	IS:3025 (Part 53)	0.06
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 34)	2.47
फ्लोराईड	ppm	1	2	IS:3025 (Part 37)	0.0
क्लोराईड	ppm	250	1000	IS:3025 (Part 60)	0.558
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 32)	21.3
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 16)	197
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 23)	100
सल्फेट	ppm	200	400	IS:3025 (Part 26)	6.0
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 24)	6.65
गंदापन	NTU	1	5	IS:3025 (Part 11)	7.10
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 10)	1.36
				IS:3025 (Part 21)	1.80


J.E.


A.E.


Executive Engineer