

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

COMPLETION PLAN OF BHAISA (W.BANK.) BLOCK - HANAR BAZAR DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C R.S. GOOLRI KH001 SIZE OF BORE 550/500 mm φ
 STATIC WATER LEVEL NAME OF FIRM PUNOM SAI UDAI ASSOCIATE, BALGOWAN, G.K.P.
 J.E. Incharge NANDU PRASAD A.E. Incharge BABAN YADAV

DEPTH R.O.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		CLAY	A.G.L. 0.50M	
3.00		F.S.+M.SAND		200 m.m. Dia Housing Pipe to 35.57 m
10.00		SANDY CLAY		200/150m.m. Dia Reducer 35.57 to 35.77 m
18.00		F.S.+M.SAND		150 m.m. Dia BLIND Pipe 35.77 to 54.21 m
28.00		CLAY		150 m.m. Dia SLOTTED Pipe 54.21 to 60.25 m
30.00		F.S.+KANKAR	35.57	150 m.m. Dia BLIND Pipe 60.25 to 93.02 m
34.00		CLAY	35.77	150 m.m. Dia SLOTTED Pipe 93.02 to 104.52 m
45.00		F.S.+M.SAND		150 m.m. Dia BLIND Pipe 104.52 to 115.50 m
62.00		CLAY + KANKAR	54.21	150 m.m. Dia SLOTTED Pipe 115.50 to 117.30 m
68.00		F.S.+KANKAR	60.25	150 m.m. Dia BLIND Pipe 117.30 to 120.96 m
75.00		CLAY		m.m. Dia _____ Pipe _____ to _____ m
90.00		F.S.+M.SAND		m.m. Dia _____ Pipe _____ to _____ m
105.00		SANDY CLAY	93.02	Total Assembly 120.96 + A.G.L. 0.50 m = 121.46 m
109.00		F.S.+M.SAND	104.52	ABSTRACT
112.00		CLAY		1- Drilling Started _____
115.00		F.S.+M.SAND		2- Drilling Completed/Lowering 22.02.019
123.00		CLAY		3- Drilling Depth 137.00 m
137.00				4- Assembly Lowered 121.46 m
				5- Housing Pipe 36.07 m
				6- Blind Pipe 65.85 m
				7- Slotted Pipe 19.34 m
				8- Reducer 0.20 m
				LOGGING REPORT
				1- 24-28M = 4M.
				2- 30-39M = 9M.
				3- 42-61M = 19M.
				4- 67-74M = 7M.
				5- 90-105M = 15M.
				6- 108-112M = 4M.
				7- 115-122M = 7M.
				8-

(NANDUPRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E.

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

Date of Test 18.03.019 Static W/L 4.60 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS		
				Start	5 min	10 min	15 min	20 min		25 min	
8.00	1570	6.00	5.50	0.50	5.00	2600	1600	1200	800	400	
8.50	1831	10.10	9.50	0.60	6.00	2800	1800	1500	1000	600	
9.00	2109	10.40	9.70	0.70	7.00	3000	2000	1800	1200	800	
9.50	2404	12.00	11.20	0.80	8.00	3400	2200	2000	1400	1000	

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 11.4.019 Static W/L 4.60 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE.	SAND CONTENTS					REMARKS
				Start	5 min	10 min	15 min	20 min	
1026	9.60	4.60	5.00	150	100	50	TR.	CL.	
814	9.10	4.60	4.50	100	50	TR.	CL.	CL.	
651	8.60	4.60	4.00	50	TR.	CL.	CL.	CL.	
529	8.10	4.60	3.50	TR.	CL.	CL.	CL.	CL.	


RECOMMENDED DISCHARGE 500 LPM ART. 5 MIN RUNNING BY PASS

(NANDUPRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E. (NANDUPRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) 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		
गंध		1.0	1.0	IS:3025 (Part 5)	Agreeable
आयरन	ppm	45	45	IS:3025 (Part 53)	0.27
नाईट्रेट	ppm	0.01	0.01	IS:3025 (Part 34)	2.77
आर्सेनिक	ppm	1	2	IS:3025 (Part 37)	0
फ्लोराईड	ppm	250	1000	IS:3025 (Part 60)	0.632
क्लोराईड	ppm	500	2000	IS:3025 (Part 32)	28.4
टी0डी0एस0	ppm	200	600	IS:3025 (Part 16)	193
ऐल्कनिटी	ppm	0.20	1.00	IS:3025 (Part 23)	146
अवशेष क्लोरीन	ppm	200	400	IS:3025 (Part 26)	0
सल्फेट	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 24)	7.62
पी.एच0	NTU	1	5	IS:3025 (Part 11)	7.2
गंदापन	ppm	200	600	IS:3025 (Part 10)	1.39
महत्त्वपूर्ण कठोरता	ppm			IS:3025 (Part 21)	296


J.E.


A.E.


Executive Engineer