

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

COMPLETION PLAN OF JIGANA KHAS (BLOCK HANSA BARBAZI) W. BANK DISTRICT SANT KABIR NAGAR
 TYPE OF RIG M/C R.C. 600127 SIZE OF BORE 75/500 mm
 STATIC WATER LEVEL NAME OF FIRM P. S. SANJAY KUMAR SINGH, S.K.P.
 I.E. Incharge NANDU PRASAD A.E. Incharge BABAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.0			AGL 0.50 M	
8.0		SURFACE CLAY		300 m.m. Dia Housing Pipe to 41.98 m
18.0		SANDY CLAY		300/150 m.m. Dia Reducer 41.98 to 42.18 m
30.0		F. SAND		150 m.m. Dia BLIND Pipe 42.18 to 58.50 m
38.0		CLAY + KANKAR	41.98	150 m.m. Dia SLOTTED Pipe 58.50 to 61.50 m
50.0		SANDY CLAY	42.18	150 m.m. Dia BLIND Pipe 61.50 to 105.50 m
62.0		F. SAND + M. SAND	58.50	150 m.m. Dia SLOTTED Pipe 105.50 to 114.51 m
		CLAY + KANKAR	61.50	150 m.m. Dia BLIND Pipe 114.51 to 125.50 m
104.0		F. SAND + M. SAND	105.50	150 m.m. Dia SLOTTED Pipe 125.50 to 143.72 m
116.0		SANDY CLAY	114.51	150 m.m. Dia BLIND Pipe 143.72 to 148.24 m
124.0		F. SAND + M. SAND	125.50	
148.0		CLAY	143.72	
160.0			148.24	
			BAIL PLUS	

Total Assembly $148.24 + AGL 0.50 = 148.74 M$

ABSTRACT

- 1- Drilling Started 12.7.018
- 2- Drilling Completed/Lowering 27.7.018
- 3- Drilling Depth 160.00 m
- 4- Assembly Lowered 148.74 m
- 5- Housing Pipe 42.48 m
- 6- Blind Pipe 75.83 m
- 7- Slotted Pipe 30.23 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 32 - 42 M = 10 M
- 2- 45 - 49 M = 4 M
- 3- 52 - 62 M = 10 M
- 4- 105 - 115 M = 10 M
- 5- 125 - 145 M = 20 M
- 6-
- 7-
- 8-

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

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

Date of Test 29.9.018 Static W/L 4.00 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS			
				Kg/Cm ³	Kg/Cm ²	Kg.	Mtr.	Start		5 min	10 min	15 min
0.50	1031	11.50	10.40	6.60	6.50	3400	2300	2000	1600	800		
9.00	2109	11.60	10.90	6.70	7.00	3600	2700	2400	1800	1000		
9.50	2400	13.10	12.30	0.80	8.00	3800	2800	2600	2100	1400		
10.00	2704	14.00	13.10	0.90	9.00	4200	3000	2800	2200	1500		

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 11.12.018 Static W/L 4.60 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
1800	9.60	4.60	5.00	200	100	50	TR.	CL.				
1600	9.30	4.60	4.70	100	50	TR.	CL.	CL.				
1300	9.00	4.60	4.40	75	TR.	CL.	CL.	CL.				
1050	8.70	4.60	4.10	50	TR.	CL.	CL.	CL.				

RECOMMENDED DISCHARGE 1050 LPM AFTER 10 MIN - RUNNING BY PASS

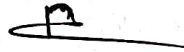
(NANDU PRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E. (NANDU PRASAD) J.E. (BABAN YADAV) A.E. (ADARSH VERMA) E.E.

CHEMICHEL TEST REPORT OF WATER SIMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012 Desirable Limit	BIS:10500: 2012 Permissible Limit	Test Method	Result
गंध	ppm	1.0	1.0	IS:3025 (Part 5)	Agreeable
आयरन	ppm	45	45	IS:3025 (Part 53)	0.06
नाइट्रेट	ppm	0.01	0.01	IS:3025 (Part 34)	0.27
आर्सेनिक	ppm	1	2	IS:3025 (Part 37)	0.00
फ्लोराईड	ppm	250	1000	IS:3025 (Part 60)	0.576
क्लोराईड	ppm	500	2000	IS:3025 (Part 32)	21.3
टी0डी0एस0	ppm	200	600	IS:3025 (Part 16)	207
रेल्कनिटी	ppm	0.20	1.00	IS:3025 (Part 23)	120
अवशेष क्लोरीन	ppm	200	400	IS:3025 (Part 26)	0.0
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)	7.30
गंदापन	ppm	200	600	IS:3025 (Part 10)	1.72
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	180



J.E



A.E.



Executive Engineer