

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

COMPLETION PLAN OF DULHIPAR W/s. Sch. (BLOCK, BELAHARA W. BANK, DISTRICT, SANTKABIRNAGAR)  
 TYPE OF RIG M/C.R.S. 600/27 Kala SIZE OF BORE 550/500.2.220  
 STATIC WATER LEVEL..... NAME OF FIRM P/S. DEEPAK CONST., SANTKABIRNAGAR  
 J.E. Incharge NANDUPRASAD A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0 M.		SURFACE CLAY	AGL. 0.50 m.	
6.00		SANDY CLAY WITH KANKAR + F. SAND		200 m.m. Dia Housing Pipe to 35.70 m 200/150 m.m. Dia Reducer 35.70 to 35.90 m 150 m.m. Dia BLIND Pipe 35.90 to 64.45 m 150 m.m. Dia SLOTTED Pipe 64.45 to 73.60 m 150 m.m. Dia BLIND Pipe 73.60 to 89.15 m 150 m.m. Dia SLOTTED Pipe 89.15 to 95.25 m 150 m.m. Dia BLIND Pipe 95.25 to 104.40 m 150 m.m. Dia SLOTTED Pipe 104.40 to 110.50 m 150 m.m. Dia BLIND Pipe 110.50 to 114.50 m 150 m.m. Dia SLOTTED Pipe 114.50 to 117.55 m 150 m.m. Dia BLIND Pipe 117.55 to 120.60 m
30.00		KANKAR + CLAY	35.70	
33.00		F. SAND + M. SAND	35.90	
58.00		CLAY + FRANKAR	64.45	
63.00		F. SAND + M. SAND	73.60	
75.00		SANDY CLAY + KANK.	89.15	
85.00		F. SAND + M. SAND	95.25	
97.00		SANDY CLAY	104.40	
103.00		F. SAND + M. SAND	110.50	
112.00		SANDY CLAY	114.50	
113.00		F. SAND + M. SAND	117.55	
119.00		SANDY CLAY	120.60	
132.00				

Total Assembly 120.60 + AGL. 0.51 = 121.11 M.

ABSTRACT

- 1- Drilling Started 2.7.018
- 2- Drilling Completed/Lowering 4.9.018
- 3- Drilling Depth 132.00 m
- 4- Assembly Lowered 121.11 m
- 5- Housing Pipe 36.21 m
- 6- Blind Pipe 60.30 m
- 7- Slotted Pipe 24.40 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1. 42 - 60 M = 18 M.
- 2. 64 - 74 M = 10 M.
- 3. 88 - 96 M = 8 M.
- 4. 104 - 111 M = 7 M.
- 5. 114 - 118 M = 4 M.
- 6. ....
- 7. ....
- 8. ....

BAIL PLUG

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

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

Date of Test 6.11.018 Static W/L 4.30 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS						REMARKS					
				INC.	L.P.M.	Kg/Cm <sup>3</sup>	Kg/Cm <sup>3</sup>	Kg.	Mtr.		Start	5 min	10 min	15 min	20 min
8.00	1578	6.80	6.30	0.50	5.00	2800	2200	1800	1200	800					
8.50	1831	9.40	8.80	0.60	6.00	3000	2400	2000	1300	1000					
9.00	2109	11.00	10.30	0.70	7.00	3200	2500	2200	1400	1200					
9.50	2406	11.80	11.00	0.80	8.00	3600	2800	2400	1600	1400					

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

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 10.12.018 Static W/L 4.40 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
1105	9.00	4.40	4.60	200	150	50	TR.	CL.				
1007	8.80	4.40	4.40	150	50	TR.	CL.	CL.				
908	8.60	4.40	4.20	100	TR.	TR.	CL.	CL.				
802	8.40	4.40	4.00	50	TR.	CL.	CL.	CL.				
602	8.20	4.40	3.80	TR.	CL.	CL.	CL.	CL.				

RECOMMENDED DISCHARGE 600 LPM AT FT. 5M TN. RUNNING BY PASS

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

# CHEMICAL TEST REPORT OF WATER SAMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012	BIS:10500: 2012	Test Method	Result
		Desirable Limit	Permissible Limit		
		Agreeable	Agreeable		
गंध	ppm	1.0	1.0	IS:3025 (Part 5)	Agreeable
आयर्न	ppm	45	45	IS:3025 (Part 53)	6.05
नाइट्रेट	ppm	0.01	0.01	IS:3025 (Part 34)	1.86
आर्सेनिक	ppm	1	2	IS:3025 (Part 37)	0.0
फ्लोराईड	ppm	250	1000	IS:3025 (Part 60)	0.543
क्लोराईड	ppm	500	2000	IS:3025 (Part 32)	21.3
टी0डी0एस0	ppm	200	600	IS:3025 (Part 16)	203
ऐल्कनिटी	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)	24.06
पी.एच0	NTU	1	5	IS:3025 (Part 11)	7.1
गंदापन	ppm	200	600	IS:3025 (Part 10)	2.35
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	270

  
J.E.

  
A.E.

  
Executive Engineer