

CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR
 COMPLETION PLAN OF SHAHABAD T.W. NO. 1
 TYPE OF RIG M/C R.C. 600/27 DISTRICT MAHARAJGANJ
 STATIC WATER LEVEL _____ NAME OF FIRM M/S. A.K. CONSTRUCTION SIZE OF BORE 675/500 mm
 J.E. Incharge B. KUMAR A.E. Incharge VINOD KUMAR

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M. 3.00		SURFACE CLAY	0.5-0.40M	300 m.m. Dia Housing Pipe _____ to 36.00 m
19.00		F. 70M. SAND		300/150 m.m. Dia Reducer _____ 36.00 to 36.20 m
32.00		CLAY KANKAR.		150 m.m. Dia BLIND Pipe 36.20 to 63.44 m
40.00		F. 70M. S. + KANKAR.	36.00 36.20	150 m.m. Dia SLOTTED Pipe 63.44 to 67.50 m
57.00		CLAY		150 m.m. Dia BLIND Pipe 67.50 to 95.58 m
61.00		V.F.S. (YELLOW)		150 m.m. Dia SLOTTED Pipe 95.58 to 113.68 m
69.00		M. SAND	63.44 67.50	150 m.m. Dia BLIND Pipe 113.68 to 118.58 m
		CLAY + KANKAR.		_____ m.m. Dia _____ Pipe _____ to _____ m
94.00			95.50	_____ m.m. Dia _____ Pipe _____ to _____ m
		M. SAND		_____ m.m. Dia _____ Pipe _____ to _____ m
117.00		CLAY	113.68 118.58	_____ m.m. Dia _____ Pipe _____ to _____ m
132.00			BAIL PLUG	_____ m.m. Dia _____ Pipe _____ to _____ m
				Total Assembly 118.58 + AGL. 0.40 m = 118.98 m.

ABSTRACT

- 1- Drilling Started _____
- 2- Drilling Completed/Lowering 18.3.020
- 3- Drilling Depth 132.00 m
- 4- Assembly Lowered 118.98 m
- 5- Housing Pipe 36.40 m
- 6- Blind Pipe 66.22 m
- 7- Slotted Pipe 22.16 m
- 8- Reducer 0.20 m

LOGGING REPORT

1. 15 - 22 M = 7 M.
2. 28 - 32 M = 4 M.
3. 34 - 39 M = 5 M.
4. 56 - 60 M = 4 M.
5. 63 - 68 M = 5 M.
6. 75 - 77 M = 2 M.
7. 95 - 114 M = 19 M.
8. _____

B.K.
 (B. KUMAR) J.E. (VINOD KUMAR) A.E. (ADARSH VERMA) E.E.

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

Date of Test 22.5.020				Static W/L 6.40 Taste of Water...SWEET...										
DISCHARGE		ST.PR.		RU.PR.		DEPRE.		SAND CONTENTS						REM-ARKS
INC.	L.P.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min			
8.00	1821	6.40	6.00	0.30	3.00	2500	2200	2000	1600	1200				
9.00	2107	9.80	9.30	0.50	5.00	3200	2500	2000	1800	1400				
9.50	2406	11.30	10.30	0.60	6.00	3500	3000	2000	2000	1500				
NOTE:- RECOMMENDED FOR PUMPING														

YIELD TEST REPORT BY O.P. UNIT

Date of Test 30.05-20.06.20 Static W/L 6.20 Taste of Water Sweet

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS							REM-ARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min		
2173	11.35	6.20	5.20	350	250	150	50	Tr.			
1852	11.10	6.20	4.90	200	150	100	50	Tr.			
1738	10.80	6.20	6.60	100	50	Tr.	Tr.	CL			
1606	10.20	6.20	4.10	50	Tr.	CL	CL	CL			

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

RECOMMENDED DISCHARGE

RUNNING BY PASS

B.K.
 (B. KUMAR) J.E. (VINOD KUMAR) A.E. (ADARSH VERMA) E.E. (B. KUMAR) J.E. (VINOD KUMAR) 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		Agreeable	Agreeable	IS:3025 (Part 5)	
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	
नाइट्रेट	ppm	45	45	IS:3025 (Part 34)	
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 16)	
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 23)	
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	
सल्फेट	ppm	200	400	IS:3025 (Part 24)	
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	
गंदापन	NTU	1	5	IS:3025 (Part 10)	
महत्वपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	

J.E

A.E.

Executive Engineer