

COMPLETION PLAN OF **PHOOLMANAHA (TURNKEY)** CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR
 TYPE OF RIG M/C **R.C.GOOD 197** DISTRICT **MAHARAJGANJ**
 STATIC WATER LEVEL _____ NAME OF FIRM **M/S A.K. CONSTRUCTION** SIZE OF BORE **675/550mm**
 J.E. Incharge **B. KUMAR** A.E. Incharge **VINOD KUMAR**

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0m		CLAY	AGL 0.50m	
3.00		V.F. SAND		300 m.m. Dia Housing Pipe to 35.66 m
15.00		CLAY		300/200m.m. Dia Reducer 35.66 to 35.86 m
27.00		F. SAND		200 m.m. Dia BLIND Pipe 35.86 to 61.48 m
42.00		CLAY		200 m.m. Dia SLOTTED Pipe 61.48 to 70.48 m
53.00		V.F. SAND		200 m.m. Dia BLIND Pipe 70.48 to 81.48 m
58.00		CLAY + KANKAR		200 m.m. Dia SLOTTED Pipe 81.48 to 87.48 m
60.00		F. SAND		200 m.m. Dia BLIND Pipe 87.48 to 91.48 m
72.00		CLAY		200 m.m. Dia SLOTTED Pipe 91.48 to 109.48 m
80.00		F. SAND		200 m.m. Dia BLIND Pipe 109.48 to 125.48 m
89.00		CLAY		200 m.m. Dia SLOTTED Pipe 125.48 to 131.48 m
90.00		M. SAND		200 m.m. Dia BLIND Pipe 131.48 to 134.46 m
112.00		CLAY KANKAR		70.48 m.m. Dia _____ Pipe _____ to _____ m
124.00		F. TOM. SAND		Total Assembly 134.46 + AGL 0.50 m = 134.96 m
133.00		CLAY		
45.00				

ABSTRACT

- 1- Drilling Started
- 2- Drilling Completed/Lowering 9.11.019
- 3- Drilling Depth 145.00 m
- 4- Assembly Lowered 134.96 m
- 5- Housing Pipe 36.16 m
- 6- Blind Pipe 59.66 m
- 7- Slotted Pipe 39.00 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 25-42m = 17m.
- 2- 52-57m = 5m.
- 3- 61-71m = 10m.
- 4- 74-78m = 4m.
- 5- 81-88m = 7m.
- 6- 90-111m = 21m.
- 7- 125-132m = 7m.
- 8- _____

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

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

Date of Test 4.01.026 Static W/L 6.70 Taste of Water. SWEET.

DISCHARGE		ST.PR.	R.U.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	
1.00	1035	6.56	6.00	0.50	5.00	3500	3000	1800	1000	1200		
1.00	1466	9.36	7.70	0.60	6.00	4000	3500	3000	2000	1600		
1.00	2107	9.50	8.80	0.70	7.00	4200	3500	3000	1800	1800		
0.00	2740	12.70	11.50	0.80	8.00	4500	3500	3200	2000	2000		

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

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 5.2.020 Static W/L 6.65 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	20 min	25 min		
2305	12.00	6.65	5.40	500	300	200	150	100			
2079	11.20	6.65	5.35	400	300	200	100	50			
1852	10.80	6.65	4.55	150	100	50	TR.	TR.			
1519	10.85	6.65	4.20	50	TR.	CL.	CL.	CL.			
RECOMMENDED DISCHARGE 1500 LPM AFT. 10 MIN. RUNNING BY PASS											

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

Fulmanha W.S.S. Mahraj gang

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)	Agreeable
आयरन	ppm	1.0	1.0	IS:3025 (Part 53)	0.12
नाईट्रेट	ppm	45	45	IS:3025 (Part 34)	0.84
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फ्लोराईड	ppm	1	2	IS:3025 (Part 60)	0.54
क्लोराईड	ppm	250	1000	IS:3025 (Part 32)	20
टीओडीएस	ppm	500	2000	IS:3025 (Part 16)	216
एल्कनिटी	ppm	200	600	IS:3025 (Part 23)	120
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सल्फेट	ppm	200	400	IS:3025 (Part 24)	21.45
पी.एच	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.70
गंदापन	NTU	1	5	IS:3025 (Part 10)	0.55
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 21)	220

RAZ

J.E

A.E.

Executive Engineer