

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

COMPLETION PLAN OF SONPUR PRE SONKATIA

TYPE OF RIG M/C R. C. AGG/27

STATIC WATER LEVEL

NAME OF FIRM REPARTIDHANTAL

SIZE OF BORE 550/500mm

DISTRICT MAHARAJGANT

J.E. Incharge O.P. MAURYA

A.E. Incharge VINOD KUMAR

DEPTH R.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00				
2.43		CLAY		200 m.m. Dia Housing Pipe to 35.54 m
10.77		F.TOM. SAND, S. STONE		800/150 m.m. Dia Reducer 35.54 to 35.74 m
13.80		CLAY		150 m.m. Dia BLIND Pipe 35.74 to 53.80 m
15.82		F.TOM. SAND		150 m.m. Dia SLOTTED Pipe 53.80 to 71.84 m
16.77		CLAY		150 m.m. Dia BLIND Pipe 71.84 to 107.76 m
23.97		F.TOM. S. SAND STONE		150 m.m. Dia SLOTTED Pipe 107.76 to 113.76 m
33.97		CLAY KANKAR		150 m.m. Dia BLIND Pipe 113.76 to 119.76 m
				m.m. Dia Pipe to m
38.41		F.TOM. S. + S. STONE		m.m. Dia Pipe to m
44.20		CLAY KANKAR		m.m. Dia Pipe to m
				m.m. Dia Pipe to m
		F.TOM. S. + S. STONE SMALL BOLDER		m.m. Dia Pipe to m
72.56				m.m. Dia Pipe to m
84.76		CAVING CLAY KANKAR		m.m. Dia Pipe to m
88.42		F. SAND		Total Assembly 119.76 + A.G.L. 0.50 = 120.26 M.
		CAVING CLAY KANKAR		
107.31				
114.33		F.TOM. SAND		
		CAVING CLAY KANKAR		
132.60				

ABSTRACT

- 1- Drilling Started
- 2- Drilling Completed/Lowering 12.12.018
- 3- Drilling Depth 132.60 m
- 4- Assembly Lowered 120.26 m
- 5- Housing Pipe 36.04 m
- 6- Blind Pipe 59.98 m
- 7- Slotted Pipe 24.04 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1-
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-

O.P. MAURYA
J.E.

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

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

Date of Test 11.05.019

Static W/L 3.60 Taste of Water

DISCHARGE	ST. PR.	RU. PR.	DEPRE.	SAND CONTENTS								REM- ARKS
INC.	LP.M.	Kg/Cm ³	Kg/Cm ³	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min	
8.25	1706	5.90	5.30	0.60	6.00	2500	1000	800	300	200		
8.25	1706	7.00	6.40	0.60	6.00	3000	1500	1000	500	300		
8.50	1831	11.15	10.50	0.65	6.50	5000	3500	2000	800	500		

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

YIELD TEST REPORT BY O.P. UNIT

Date of Test 16.09.019 Static W/L 3.70 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			
1079	7.90	3.70	4.20	200	100	50	78	78				
973	7.70	3.70	4.00	150	50	78	CL	CL				
814	7.30	3.70	3.60	100	50	CL	CL	CL				
549	7.10	3.70	3.40	TR.	CL	CL	CL	CL				

RECOMMENDED DISCHARGE 500 LPM AT 5 MIN RUNNING BY PASS

(A.K. GUPTA)
J.E.

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

(B. KUMAR) (VINOD KUMAR) (ADARSH VERMA)
J.E. A.E. 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)	Agreeable
आयसुन	ppm	1.0	1.0	IS:3025 (Part 53)	0.06
नारिस्ट	ppm	45	45	IS:3025 (Part 34)	0.84
आसुनिक	ppm	0.01	0.01	IS:3025 (Part 37)	0
फलोराईड	ppm	1	2	IS:3025 (Part 60)	0.8
बलोराईड	ppm	250	1000	IS:3025 (Part 32)	30
टीओडीएस	ppm	500	2000	IS:3025 (Part 16)	239
रेलकनिली	ppm	200	600	IS:3025 (Part 23)	100
अवशेष कलोरीन	ppm	0.20	1.00	IS:3025 (Part 26)	0
सुलफेट	ppm	200	400	IS:3025 (Part 24)	8.96
पीएच	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 11)	7.1
नंदापन	NTU	1	5	IS:3025 (Part 10)	1.44
नितुवपूर्ण कठोरत	ppm	200	600	IS:3025 (Part 21)	220

J.E

A.E.

Executive Engineer