

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

COMPLETION PLAN OF SANDEY KHURD DISTRICT SANTKABIRNAGAR
 TYPE OF RIG M/C R.C. 600/R7 SIZE OF BORE 550/500 mm
 STATIC WATER LEVEL..... NAME OF FIRM M/S. R. N. RAI ENGG. GIK. P.
 J.E. Incharge NANDU PRASAD A.E. Incharge A. K. SINGH

DEPTH R.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M.			29.60	200 m.m. Dia Housing Pipe to 29.60 m
21.34		SANDY CLAY	29.80	200/150 m.m. Dia Reducer 29.60 to 29.80 m
		F. SAND	45.62	150 m.m. Dia BLIND Pipe 29.80 to 45.62 m
57.92		CLAY + KANKAR + F. SAND	51.63	150 m.m. Dia SLOTTED Pipe 45.62 to 51.63 m
		F. SAND + KANKAR	89.88	150 m.m. Dia BLIND Pipe 51.63 to 89.88 m
97.56		SANDY CLAY + KANKAR	95.88	150 m.m. Dia SLOTTED Pipe 89.88 to 95.88 m
118.90		CLAY KANKAR	119.89	150 m.m. Dia BLIND Pipe 95.88 to 119.89 m
131.09		F. SAND + KANKAR	125.89	150 m.m. Dia SLOTTED Pipe 119.89 to 125.89 m
146.34		SANDY CLAY + KANKAR	136.91	150 m.m. Dia BLIND Pipe 125.89 to 136.91 m
152.43		CLAY KANKAR	133.96	150 m.m. Dia SLOTTED Pipe 136.91 to 133.96 m
		F. SAND + KANKAR	140.00	150 m.m. Dia BLIND Pipe 133.96 to 140.00 m
182.92		M. SAND	154.98	150 m.m. Dia SLOTTED BLIND Pipe 140.00 to 154.98 m
			159.93	150 BLIND 154.98 - 159.93
				Total Assembly 159.93 + 46.645 = 160.38 m.

ABSTRACT

- 1- Drilling Started.....
- 2- Drilling Completed/Lowering 5.11.016
- 3- Drilling Depth 182.92 m
- 4- Assembly Lowered 160.38 m
- 5- Housing Pipe 30.05 m
- 6- Blind Pipe 94.09 m
- 7- Slotted Pipe 36.04 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1- 2- 5.2M = 10M.
- 2- 65- 70 M = 5M.
- 3- 80- 85M = 5M.
- 4- 89- 96M = 7M.
- 5- 100- 105M = 5M.
- 6- 119- 126M = 7M.
- 7- 130- 135M = 5M.
- 8- 140- 155M = 15M.

(NANDU PRASAD) J.E. (A.K. SINGH) A.E. (V.N. RAI) E.E.

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

Date of Test 30.11.016 Static W/L 3.80 Taste of Water. SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS											REMARKS
				INC.	LP.M.	Kg/Cm ²	Kg/Cm ²	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	
7.00	1142	4.80	4.40	0.4	4.00	1900	1000	500	300	200					
7.50	1346	9.30	8.80	0.5	5.00	2100	1200	900	500	300					
8.00	1578	12.30	11.70	0.6	6.00	3900	2100	1500	700	400					
8.50	1831	15.10	14.40	0.7	7.00	4500	2800	1900	1000	500					

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT.
 (NANDU PRASAD) J.E. (A.K. SINGH) A.E. (V.N. RAI) E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 12.01.017 Static W/L 5.30 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		
1400	9.80	5.30	4.50	200	100	50	TR.	CL.							
1200	9.40	5.30	4.10	150	50	TR.	CL.	CL.							
1000	9.20	5.30	3.90	100	50	TR.	CL.	CL.							
800	8.40	5.30	3.10	50	TR.	CL.	CL.	CL.							

RECOMMENDED DISCHARGE 800 LPM AFT 10 MIN. RUNNING BY PASS
 (NANDU PRASAD) J.E. (A.K. SINGH) A.E. (V.N. RAI) E.E.