

# JAL NIGAM YANTRIK SHAKHA U.P. JAL NIGAM MEERUT

14

Completion Plan of MUSHKI PUR T.W.

DISTRICT...SAHARANPUR...

Type of Rig m/c...R.C. RIG M/C.....

SIZE OF BORE...550 X 450 mm.

Spring Water Level...11.00 Mts.

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly	A.G.L.	ABSTRACT
0.00	SURFACE CLAY				1. Drilling Started..... <u>15-12-06</u> .....
4.57	CLAY				2. Drilling Completed... <u>26-12-06</u> .....
7.62	FINE SAND				3. Lowering on..... <u>27-12-06</u> .....
13.72	CLAY				4. Drilling Depth..... <u>93.00</u> M
16.77	MED. SAND		200mm	35.37	5. <u>200mm</u> Dia Housing Pipe... <u>35.82</u> M.
22.86	CLAY				<u>200 X 150 mm</u> , REDUCER <u>0.10</u> M.
25.91	FINE SAND				6. <u>150mm</u> Dia Blind Pipe..... <u>36.15</u> M.
32.00	CLAY				7. <u>150mm</u> Dia Slotted Pipe..... <u>16.06</u> M.
35.00	MED. SAND		35.37	3.00	8. Discharge by Compressor ..... <u>X</u> .....
			35.47	7.03	9. Discharge by O. P. Unit..... <u>500</u> .....
47.25	CLAY		38.47		10. Remark if any :-
53.35	FINE SAND		45.50		
57.93	CLAY			31.04	
65.55	V. FINE SAND				
68.70	HARD CLAY				
74.70	MED. SAND		75.64		
			84.67	9.03	
86.90	SANDY CLAY		87.68	3.01	
93.00					

*(K.K. PANDEY)*  
J. E.

As Executed

*(SURJEET SINGH)*  
A. E.

Countersigned  
*(D.R. SINGH)*  
E. E.

### YIELD TEST REPORT BY COMPRESSOR

Date of Test		Static W/L		Taste of Water.			
Discharge by V. Notch		Sand Contents In PPM			Remarks		
In inches	In Lpm	Start	5 Min	10 Min		15 Min	30M
N O T R E Q U I R E D							

*(K.K. PANDEY)*  
J.E.

*(SURJEET SINGH)*  
A. E.

*(D.R. SINGH)*  
E. E.

**YIELD TEST REPORT**

Static W/L... 7.00 Mts...

Taste of water... SWEET...

Date of Test... 2.2.2007

Time	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P.P.M.						Recommendations.
					Starting	5 Min	10 Min	15 M	20 M	30M	
1.	503	7.00	10.75	3.75	100	50	T <sub>8</sub>	CL	CL	CL	Recommended discharge ... <u>500 LPM</u> at <u>3.75</u> Mts depression.  Recommended Pumping plant discharge <u>500</u> Lpm. Pump should be run in bye pass for 5 min before injecting in Reservoir.
2.	664	7.00	10.80	3.80	150	100	50	T <sub>8</sub>	CL	CL	
3.	794	7.00	11.00	4.00	200	150	100	50	T <sub>8</sub>	CL	
4.	870	7.00	11.20	4.20	300	250	150	100	50	T <sub>8</sub>	
5.	1006	7.00	11.96	4.96	350	250	150	100	50	T <sub>8</sub>	

(K. K. PANDAY)  
J. E.

(SURJEET SINGH)  
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M/S. FOR PIONEER DRILLING & COMPANY LTD.

**VERTICALITY TEST REPORT**

DIA of Disc... 190mm... Dia of HOUSING... 202mm... DATE OF TEST... 3-2-07

Height of Suspension... 3M

Clear c... 5mm around the housing

DEPTH of Disc	Observed Deviation				Actual Deviation			
	E	W	N	S	IL	W	N	S
0	0	0	0	0				
3	0	0	0	0				
6	0	0	0	0				
9	0	1	0	1				
12	0	1	0	1				
15	0	1	0	2				
18	0	1	0	2				

Circle Diagram

CLEAR SPACE..... At.....

..... At.....

**CHEMICAL TEST REPORT**

DATE OF TEST

AGENCY

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour		Hardness Temp.	Chlorides	
Nitrates		Copper	Nitrites	
PH		Iron	Fluorides	
Total Solids		Total Alkanity	Amonia	Remarks
Dissolved Solids		Sulphates		
Fixed Solids		Calcium		
Total Hardness (CaCO <sub>3</sub> )		Megneesium		
Permanent Hardness		Turbidity		

Draught. Man

J. E.

E. E.