

JAL NIGAM YANTRIK SHAKHA U.P. JAL NIGAM MEERUT

10

Completion Plan of SALARPURAW/S. SCHEMET.W. DISTRICT SAHARANPUR

Type of Rig m/c..... 600/27" R.C. RIG MACH......

SIZE OF BORE 675/600 mm..

Spring Water Level 16.70 Mts.

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly	G.L.	ABSTRACT
0.00	SURFACE CLAY				1. Drilling Started..... 1-10-2006.....
3.65	FINE SAND				2. Drilling Completed..... 12-10-2006.....
15.24					3. Lowering on..... 12-10-2006.....
22.86	HARD CLAY				4. Drilling Depth..... 99.00 M
30.48	FINE SAND				5. 200mm Dia Housing Pipe..... 36.08 M
38.11	HARD CLAY				200x150mm REDUCER..... 0.10 M
					6. 150mm Dia Blind Pipe..... 28.46 M
46.34	MED. SAND				7. 150mm Dia Slotted Pipe..... 17.10 M
47.25	HARD CLAY				8. Discharge by Compressor 1536 L.P.M.
51.83	MED. SAND				9. Discharge by O. P. Unit 800 L.P.M.
54.57	HARD CLAY				10. Remark if any :-
62.80	MED. SAND				
67.68	HARD CLAY				
76.22					
	MED. SAND + HARD CLAY				
99.00					

As Executed
(K. E. Saxena.)
J. E.
(SURJEET SINGH)
A. E.
Countersigned
(D.R. SINGH)
E. E.

YIELD TEST REPORT BY COMPRESSOR

Date of Test 20-10-06 Static W/L 17.00 Taste of Water. SWEET

Discharge by V. Notch	Sand Contents In PPM							Remarks
	In inches	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	
7 1/2"	1335	2400	1300	750	450	200	100	
8"	1536	2600	1400	1200	700	250	200	

(K.K. PANDEY)
J.E.
(SURJEET SINGH)
A. E.
(D.R. SINGH)
E. E.

YIELD TEST REPORT

Static W.L. 16.75 Mts

Taste of water. SWEET

Date of Test 24.11.2006

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	16.75	18.40	1.65	100	75	75	CL	CL	CL	Recommended discharge ...800...LPM at 2.60 mt depression. Recommended Pumping plant discharge.....Lpm. pump should be run in by pass for 5 min. before injecting in rising main.
2	612	"	18.50	1.75	100	50	75	CL	CL	CL	
3	711	"	19.20	2.45	150	100	50	75	CL	CL	
4	794	"	19.35	2.80	200	150	100	75	CL	CL	
5	1006	"	19.70	2.95	250	150	100	50	75	CL	

(K.K. PANDEY)
J. E.

(SURJEET SINGH)
A. E.

(D.R. SINGH)
E. E.

VERTICALITY TEST REPORT

DIA of Disc 186 mm Dia of HOUSING 200 mm DATE OF TEST 25-11-06

Height of Suspension 3 mt

Clear c. 200 mm around the housing.

Circle Diagram

DEPTH of Disc BGL In Feet	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	2	0	1				
15	0	2	0	2				
18	0	2	0	2				
21	0	2	0	3				
24	0	2	0	3				

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

CHEMICAL TEST REPORT

DATE OF TEST :- 26-5-2007

AGENCY :- 120 MLD WATER TREATMENT PLANT

LAB. PRATAP VIHAR GZB
mg/Lit mg/Lit

Colour	Hardness Temp.	Chlorides	12
Nitrates	Copper	Nitrites	
PH	Iron :- NOT DETECTABLE	Fluorides :- NOT DETECTABLE	
Total Solids	Total Alkanity	Amonia	
Dissolved Solids	Sulphates		Remarks
Fixed Solids	Calcium		
Total Hardness (CaCo ₃)	Megneecium		
Permanent Hardness	Turbidity		

(K.K. PANDEY)
Draught. Man

(SURJEET SINGH)
A. E.

(D.R. SINGH)
E. E.