

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

15

Completion Plan of GALIB PUR T.H.  
 Type of Rig m/c R/S. Rig Machine  
 Spring Water Level 6. Mts.  
 Name of Firm M/s Pioneer Drilling Co. (P) LTD Ghazipur

DISTRICT MUZAFFAR NAGAR  
 SIZE OF HOLE 600mm/550mm

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
61-45.7	Surface clay			1. Drilling Started <u>29.9.08</u>
45.7-10.67	W/dum. Sand			2. Drilling Completed <u>7.10.08</u>
10.67-13.71	Clay			3. Lowering on <u>7.10.08</u>
13.71-47.25	M. Sand			4. Drilling Depth <u>112.50</u> M
47.25-50.30	Clay			5. 300 Dia Housing Pipe <u>43.08</u> M.
50.30-73.17	M. Sand with S-stone			6. 200 Dia Blind Pipe <u>35.93</u> M.
73.17-76.21	Clay			7. 200 Dia Slotted Pipe <u>24.05</u> M.
76.21-79.26	Very fine sand			8. Discharge by Compressor
79.26-103.65	M. Sand with pebbles			9. Discharge by O. P. Unit <u>1300 L/M</u>
103.65-109.75	fine to M. Sand			10. Remark if any :-
109.75-112.50	Clay			

As Executed

J. E.
 

  
 A. E.
 

  
 Contractor
 

  
 E. E.

### YIELD TEST REPORT BY COMPRESSOR

Date of Test 13-11-08 Static W/L 6.00 Taste of Water. Sweet

Discharge by V. Notch	Sand Contents in PPM						Remarks
	in inches	in L/cm	Start	5 Min	10 Min	15 Min	
8"	1585	2800	2000	1000	600	500	500
9"	2116	3000	1800	1100	800	800	600

J. E.
 

  
 A. E.
 

  
 E. E.

Flow No.	Discharge in l/s	Dy in dia	R.W.I. at 25y	Appression at 25y	SAND CONTENT IN F.F.M					Recommendation
					fining	0.30u	0.30u	1.0u	20u	
1	1750	600	7.05	1.97	100	0	0	0	0	Recommended discharge 1300 LPM at 1.5m depression
2	1620	600	6.15	2.15	200	50	10	0	0	
3	1400	600	5.20	2.20	300	100	30	0	0	
4	1300	600	4.10	2.10	300	150	70	0	0	
5	2000	600	3.00	3.00	200	200	50	0	0	

28/11/98  
 T.A. A.E. E.E.

**VERTICALITY TEST REPORT**

Dia of Disc 2.84 Dia of HOUSING 3.00 DATE OF TEST 29/11/98  
 Height of Suspensor 3.14  
 Cases 14/2

DEPTH of Disc W.C. sup in feet?	Observed Deviation in mm				Actual Deviation			
	E	W	N	S	E	W	N	S
0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
6	0	1	0	0	0	11	0	0
9	0	1	2	0	0	12	16	0
12	0	2	2	0	0	18	18	0
15	0	4	3	0	0	32	26	0
21	0	4	3	0	0	40	32	0
24	0	4	4	0	0	44	44	0
27	0	4	4	0	0	48	48	0

Circle Diagram

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

**CHEMICAL TEST REPORT**

DATE OF TEST	AGENCY 120MLD WATER TREATMENT PLANT Ltd Pentapvihar Changanacherry			
	mg/Lit	mg/Lit	mg/Lit	mg/Lit
Caustic		Hardness/Temp.	Chlorides	15
Ammonia	3	Copper	Nitrates	3
Dye	7.6	Iron	Fluorides	0.5
Total Solids	42.5	Total Alkalinity	AMOUNT	Remarks
Non-solvent Solids	42.5	Sulphates	40	
Total Solids		Calcium	59	
Total Dissolved Solids	Calc. 2.25%	Magnesium	26.3	
Residual Chlorine		Turbidity	0.5	

DRAGNO 104

[Signatures] A.E. E.E.