

**JAL NIGAM YANTRIK KHAND  
U.P. JAL NIGAM MEERUT**

55

**Completion Plan of Tube Well**

Name of Scheme VIGYANA W/S. SCH. M. NAGAR

Spring water level In. Mtrs. 32.48

Total No. of Tube well Provided in the Scheme 02 NOS.

Size of Bore In M.M. 6.75 X 6.00

Number & Location of tube-well Executed Behind Aaganhari cont

Date of Completion of T.W. 29.8.10

Name of Contractor M/S Pioneer Drilling Co. Pvt. Ltd. GZD.

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-16.77		CLAY		1. Drilling Started..... <u>3.5.10</u>
-18.82		F. SAND		2. Drilling Completed..... <u>16.5.10</u>
-35.6		CLAY		3. Lowering on..... <u>17.5.10</u>
-50.30		F. SAND		4. Drilling Depth..... <u>137.16</u> Mts
-55.85		F. SAND		5. 300 Dia Housing Pipe..... <u>53.77</u> Mts
-59.45		F.M. SAND		6. 300 Dia Reducer..... <u>0.70</u> M
65.55		M. SAND		7. 200 Dia Blind Pipe..... <u>50.61</u> M
68.50		CLAY		8. 200 Dia Slotted Pipe..... <u>21.97</u> M
71.64		V.F. SAND		9. Discharge by Compressor..... <u>126.45</u> 1800
77.74		CLAY		10. Discharge by O.P. Unit..... <u>1500</u> Lpm
86.89		F.M. SAND		11. Remark if any:-
92.96		M. SAND		
102.10		CLAY		
105.16		F. SAND		
108.20		CLAY		
111.25		F. SAND		
114.33		CLAY		
120.40		M. SAND		
125.00		V. FINE SAND		
137.16		CLAY		

As Executed  
 Contractor M/S PIONEER DRILLING CO. PVT LTD  
 J. E. (P. K. SHARMA)  
 A. E. (SURJEET SINGH)  
 Countersigned 326  
 E. E. (A. C. VARSHNEY)

**YIELD TEST OF TW BY COMPRESSOR**

Date of Test 24.5.10 Static W/L 32.48 Taste of Water. SWEET

Discharge by V. Notch	Sand Contents In PPM							Remarks
	In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	
8 1/2"	1816	900	700	450	250	50	CL.	
9"	2033	1500	1200	800	500	300	150	

Contractor [Signature]  
 J. E.  
 A. E.  
 E. E.

WATER TEST REPORT

Sample drawn: 15/10/10

Date of Test: 15/10/10

Sl. No.	Particulars	S.D. (mg/L)					Remarks
		1	2	3	4	5	
1	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...

TESTINALITY TEST REPORT

Sample No. 224 No. of Sample 300 ml DATE OF TEST 15/10/10

Sl. No.	Observed Deviation				Actual Deviation			
	1	2	3	4	5	6	7	8
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0

Circle Diagram

CLEAR SPACE ..... 252 mm At 36 mt  
 ..... 221 mm At 45 mt

CHEMICAL TEST REPORT - Lab No. 7348/103/207-10/10

AGENCY C.D. UNION, M.N. 334V

Color	mg/Lit	Hardness Temp.	mg/Lit	Chlorides	mg/Lit	Remarks
Nitrites	—	Copper	—	Nitrate	45.00	Potable
pH	7.8	Iron	0.1	Fluoride	1.1	
Total Solids	—	Total Alkalinity	312	Ammonia	—	
Dissolved Solids	240	Sulphates	—			
Fined Solids	—	Calcium	—			
		Magnesium	—			