

**JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT
Completion Plan of Tube Well**

Name of Scheme GANGEROD WIS DISTT - SHAMLI Spring water level Inc. Mtrs. 18.80
 Total No. of Tube well Provided in the Scheme Five - T.W. No. 2 Size of Bore in M.M. 750mm
 Number & Location of tube-well Executed Garhi Ratha Dabit comlubond of two.....
 Name of Contractor M/s. Pioneer Drilling Co. (PVT) LTD GZB Date of Completion of T.W. 19.5.2014

Depth B. GL Meter	Boring Chart with repretation	Stratum	Executed Assembly		ABSTRACT
				<u>30</u>	
					1. Drilling Started <u>12-04-14</u>
					2. Drilling Completed <u>15-04-14</u>
					3. Lowering on <u>17-04-14</u>
<u>0-15.24</u>		<u>CLAY</u>			4. Drilling Depth <u>80.79</u> M
					5. Dia Housing Pipe.....M
					6. Dia Reducer.....M
<u>27.44</u>		<u>M. SAND</u>			7. 150 Dia Blind Pipe <u>66.00</u> M <u>+ 50m HGL</u>
					8. 150mm Dia Slotted Pipe <u>12.20</u> M
			<u>60.03</u>		9. Discharge by Compressor.....
<u>42.68</u>		<u>CLAY</u>			10. Discharge by O.P. Unit.....
					11. Remark if any:-
<u>51.82</u>		<u>COARSE SAND</u>			1. Make - <u>Lornje</u>
					2. Discharge - <u>150 LPM</u>
<u>57.92</u>		<u>CLAY</u>			3. Head - <u>34 mt.</u>
			<u>12.20</u>		4. Stage - <u>-</u>
					5. H.P. - <u>2.5 (Solar)</u>
<u>73.17</u>		<u>COARSE SAND</u>			6. Column Pipe - <u>40mm φ</u> <u>36 mt. length</u>
			<u>6.05</u>		
<u>80.79</u>		<u>Sandy CLAY</u>			

As Executed Countersigned

Contractor Rohit J. E. A. E. E. E.

YIELD TEST OF BY COMPRESSOR

Date of Test 05.5.14 Static W/L 19.00M 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	60 Min	
<u>7.00cm</u>	<u>104</u>	<u>100</u>	<u>Tr</u>	<u>cl</u>	<u>cl</u>	<u>cl</u>		

Contractor Rohit J. E. A. E. E. E.

YIELD TEST REPORT

State, Vol. 17 15 11

Tests of water 10/26/11

Date of test 10 26 11

Time	Depression in ft	Flow in GPM	Flow in MGD	Depression in ft	SAID CONTENTS IN P.P.M.					Recommendations	
					Starting	5 Min	15 Min	30 Min	45 Min		
3"	150	1915	2100	170	50	cl	cl	cl	cl	Recommended discharge 150 L.P.M. at 1.7000 depression	
4"	300	1915	2140	225	100	cl	cl	cl	cl		
10"	462	1915	2152	240	150	Tr	cl	cl	cl		Recommended Pumping plant discharge 1 pm
12"	552	1915	2165	250	250	50	cl	cl	cl		

Contractor

J. E.

A. E.

E. E.

VERICALITY TEST REPORT

Date of Test

Line of WORKING

DATE OF TEST

Height of Suspension

Clear

G.P.M. at base	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Circle Diagram

CLEAR SPACE.....AL.....

.....AL.....

CHEMICAL TEST REPORT

DATE OF TEST 10 26 11

AGENCY E E 1st BOND VP IV DIST

	mg/l it	mg/l it	mg/l it	mg/l it	Remarks
Color		Hardness Temp		Chlorides	
Turbidity		Copper		Fluoride	7.97
PH	7.76	Iron	2	Fluoride	195
Total Solids		Total Alkalinity	420	Ammonia	
Dissolved Solids	428	Sulphates	42.24		
Total Solids		Calcium			
Total Hardness (1.25%)	100	Magnesium			
Permanent Hardness		Turbidity	2.72		

Contractor

J. E.

A. E.

E. E.