

JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT

40

Completion Plan of Tube Well AT. MANDAWALI BANGAR, BLOCK SUKHUR
DIST. MUZA PEAR NAGAR.

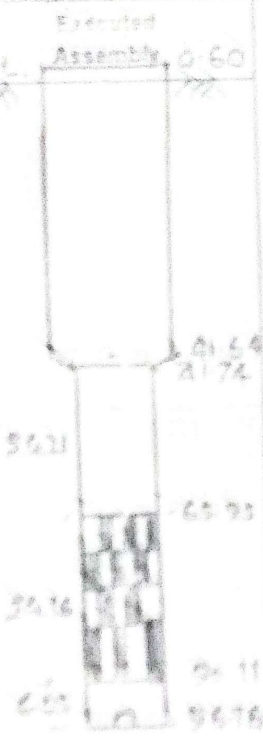
Name of Scheme MANDAWALI BANGAR WIS SCHEME Spring water level in. Mts. 1675

Total No. of Tube well Provided in the Scheme 0140 Size of Bore in M.M.

Number & Location of Tube well Executed 0140 NEAR DRY SOU. Date of Completion of T.W.

Name of Contractor M/s. PIONEER DRILLING CO. (P) LTD GZB

Casing B. M. Date	Boring Chart with Representation	Stratum	Executed Assembly		ABSTRACT
			GL	0-60	
0-20	Surface clay		77	77	1. Drilling Started 08.09
19.20	F. SAND				2. Drilling Completed 21.8.09
29.65	SAND WITH GRAVEL				3. Lowering in 24.8.09
29.65	SAND WITH GRAVEL				4. Drilling Depth M
49.76	IN SAND		56.21	56.21	5. 250 dia Housing Pipe 42.26 M
60.81	CLAY				6. 250 dia Reducer 0.10 M
					7. 100 dia Rigid Pipe 30.26 M
					8. 100 dia Rigid Pipe 24.16 M
					9. Discharge by Compressor 7.8 P.S.I./11.50
					10. Discharge by T.P. Dial 200 Lpm.
					11. Remark Free
100.00	M. SAND				
103.00	CLAY				



As Permitted By *[Signature]* Checked By *[Signature]*
 Yield Test of T.W. by Compressor

Depth of Water	Static Head	Depth of Water

YIELD TEST REPORT

Static W/L 16.75

Taste of water S.W.F.E.

Date of Test 31-8-09

Discharge in L.P.M.	S.W.L. in Mts	S.W.L. in Mts	Depression in Mts	SAND CONTENTS IN S.F.M.						Recommendations
				5.0	7.5	10.0	12.5	15.0	20.0	
255	16.75	19.80	3.55	50	72	82	82	82	82	Recommended discharge 3000 lpm at 7.55 m depression
400	16.75	19.45	3.30	150	70	82	81	82	82	
450	16.75	20.35	3.60	150	70	82	81	82	82	
500	16.75	21.00	4.35	250	150	70	81	82	82	Recommended Pumping plant discharge 3000 lpm

Contractor (M/S PIONEER DRILLING CO) D.V.L. TO 220

J. E. (MR. SHARMA)

A. E. (SRI JEEBENDU)

E. E. (D.R. SIMHA)

VERTICALITY TEST REPORT

DIA of Disc 180 Dia of HOUSING 200 DATE OF TEST 31-8-09

Height of Suspension 3.00 m

Clear 10 m.m.

DEPTH OF Disc	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
3	0	0	0	0				
6	0	0	0	0				
9	0	0	0	0				
12	0	0	0	0				
15	0	0	0	0				
18	1	0	0	1				
21	1	0	0	1				
24	2	0	0	2				
27	2	0	0	2				

Circle Diagram

CLEAR SPACE At

At

CHEMICAL TEST REPORT

4620-4567/103/178 dt 16/9/09
AGENCY CONST. DIV. U.A.J.N. P. VANAR

DATE OF TEST 16/9/09

Mg/Lit		mg/Lit		mg/Lit		mg/Lit	
Colour <u>4.5</u>	Hardness Temp.	Chlorides	Remarks	DETABLE			
Nitrates	Copper	Nitrate					
PH <u>6.2</u>	Iron	Fluoride					
Total Solids	Total Alkalinity <u>52</u>	Ammonia					
Dissolved Solids <u>516</u>	Sulphates						
Fixed Solids	Calcium <u>35</u>						
Total Hardness (C.Co) <u>356</u>	Magnesium						
Permanent Hardness	Turbidity						

Draughts Man

J. E.

A. E.

E. E.