



CONST. DIVISION (E/M), U. P. JAL NIGAM GHAZIABAD

18/15

667

Completion Plan of T W No. 01 at MAVI YAKUT PUR DISTRICT GHAZIABAD

Type of Rig m/c 600 X 27' Size of Bore 500 X 450 mm S.W.L. Mts.

Agency M/S.A.S.L. ENTERPRISES 488/2 PRABHAT NAGAR, MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.48M AGL	200 X 150 m. m. Dia Housing pipe 0.48M AGL m to 35.50m"
G.L.				150 m. m. Dia Reducer 35.50..... m to 35.65 m"
		CLAY		150 m. m. Dia Blind pipe 35.65.... m to 44.72 m"
				150 m. m. Dia Slotted pipe 44.72..... m to 50.77 m"
21.00M		FINE SAND		150 m. m. Dia Blind pipe 50.77..... m to 53.77 m"
24.00M		YELLOW SAND		150 m. m. Dia Slotted pipe 53.77..... m to 71.89 m"
27.00M		FINE TO M. SAND		150 m. m. Dia Blind pipe 71.89..... m to 77.93 m"
33.00M		CLAY		150 m. m. Dia Slotted pipe 77.93... m to 90.03 m"
36.00M		FINE SAND		150 m. m. Dia Blind pipe 90.03..... m to 96.07 m"
44.00M		FINE TO M. SAND	 m. m. Dia pipe m to m"
51.25M		CLAY	 m. m. Dia pipe m to m"
53.00M		MEDIUM SAND	 m. m. Dia pipe m to m"
72.50M		CLAY		Total Assembly 96.55..... m"
77.00M		MEDIUM SAND		
90.40M		CLAY		
100.00M				

ABSTRACT

1. Drilling Started on 19-04-2015
 2. Drilling Completed on 24-04-2015
 3. Assembly Lowered on 25-04-2015
 4. Drilling Depth 100.00.....m.
 5. Assembly Lowered 96.55.....m.
- Housing Pipe 200..... m. m. dia 35.98.....m
 Blind Pipe 150..... m. m. dia 24.15.....m
 Slotted Pipe 150..... m. m. dia 36.27.....m

As Executed

(NARESH KUMAR)

Countersigned

(DAKESH KUMAR)

TEST REPORT BY COMPRESSOR

Date of Test: 13/05/15		State W/L: 2/15		Taste of Water: SWEET				
Discharge by Compressor		Sand Contents						Remarks
In Hour	In LPM	Start	5 Min	10 Min	15 Min	30 Min	45 Min	
1000	800	Good	Good	Good	Good	Good	Good	
1000	1100	Good	Good	Good	Good	Good	Good	

YIELD TEST REPORT

No. 1137 Date: 13/05/15
 W/L: 2/15 Taste of Water: SWEET Date of Test: 13/05/2015

V. No. of Reading	Discharge in L.P.M.	N. W. L. in Mts.	Depression in Mts.	SAND CONTENTS					
				Starting	5 Min.	10 Min.	15 Min.	30 Min.	30 Min.
5 th	549	12.24	3.12	30	15	0	0	0	0
6 th	600	13.52	4.40	50	20	0	0	0	0
8 th	700	15.01	6.49	60	40	15	0	0	0
11 th	814	18.15	9.03	100	60	40	30	20	15
14 th	920	20.51	11.39	200	100	50	30	20	10

Recommended 600 L.P.M. discharge at 4.40 mts. depression.
 J.E. *(Signature)* A.E. *(Signature)* C/S *(Signature)* E.E.

WATER SAMPLE TEST RESULTS

AGENCY
 C120 MLD WATER TREATMENT
 LAB, PRATAP VIHAR, GHAZIABAD. REF :- L.No. / / DATED

1. TURBIDITY..... NTU	0.2	10. MAGNESIUM (as mg) mgl.	2.7
2. PH.....	8.45	11. IRON (as Fe) mgl.	0.1
3. TOTAL DISSOLVED SOLIDS mgl.	128	12. RESIDUAL CHLORINE mgl. Nil	
4. TOTAL HARDNESS (as ca co3) mgl.	84		
5. CHLORIDES (as Cl) mgl.	25		
6. SULPHATES (as So4) mgl.	29		
7. FLUORIDES (as F) mgl.	0.2		
8. NITRATES (as No3) mgl.	3		
9. CALCIUM (as Ca) mgl.	19.2		

(Signature) Draught's Signature J.E. *(Signature)* A.E. *(Signature)* Executive Engineer