



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

Completion Plan of T W No. 01 at MAUSHAM DISTRICT BSR GARH

Type of Rig m/c 600X27' Size of Bore 600X4.50 S.W.L. 9.50 Mts.

Agency M/S PIONEER DRILLING CO. VAISHALI GHAZIABAD

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.52 MAGL.	250 m. m. Dia Housing pipe 0.52 MAGL. m to 35.70 m"
G.L. 3.00M		SURFACE CLAY		250 x 150 m. m. Dia Reducer 35.70 m to 35.85 m"
		FINE SAND		150 m. m. Dia Blind pipe 35.85 m to 52.00 m"
18.06M		FINE SAND		150 m. m. Dia Slotted pipe 52.00 m to 55.06 m"
		FINE SAND		150 m. m. Dia Blind pipe 55.06 m to 79.19 m"
		FINE SAND		150 m. m. Dia Slotted pipe 79.19 m to 94.30 m"
33.00M		SAND CLAY		150 m. m. Dia Blind pipe 94.30 m to 101.30 m"
40.00M		FINE SAND		 m. m. Dia pipe m to m"
45.00M		CLAY		 m. m. Dia pipe m to m"
51.00M		FINE SAND		 m. m. Dia pipe m to m"
56.00M		CLAY KANKER		 m. m. Dia pipe m to m"
79.00M		MEDIUM SAND		Total Assembly 101.96 m"
		CLAY KANKER		
95.00M		SANDY CLAY		
100.00M		SANDY CLAY		
112.00M				

ABSTRACT

1. Drilling Started on 06-05-2015
 2. Drilling Completed on 16-05-2015
 3. Assembly Lowered on 17-05-2015
 4. Drilling Depth 112.00 m.
 5. Assembly Lowered 101.96 m.
- Housing Pipe 250 m. m. dia 36.22 m
- Blind Pipe 150 m. m. dia 47.28 m
- Slotted Pipe 150 m. m. dia 18.26 m

As Executed

Countersigned

TEST REPORT BY COMPRESSOR

Date of Test 23-05-2015

Static W/L 9.50 M.

Taste of Water NARMAL

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	45 Min.	
6-7/8"	892	8000	6000	4000	3000	2000	1500	Yellow Fine Sand observed
7"	1132	9000	7500	4500	4000	3000	1800	continuity available for gravel Not going.

J. E.

A. E.

C/S
E.E.

YIELD TEST REPORT

L. No. 1147 1V-8 / 114 Dt. 04-6-15

S.W.L. 9.50 M. Taste of Water SWEET

Date of Test 02-06-2015

V Notch / Orifice Reading	Discharge In L. P. M.	R. W. L. In Mts.	Depression In Mts.	SAND CONTENTS					
				Starting	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.
8"	700	13.80	4.30	40	Tr.	U.	U.	U.	U.
11"	814	14.10	4.60	80	20	U.	U.	U.	U.
14"	920	14.50	5.00	100	40	Tr.	U.	U.	U.
17"	1000	15.00	5.50	150	70	60	Tr.	U.	U.
25"	1180	15.70	6.20	300	150	100	40	30	10

Recommended 700 L.P.M.

discharge at 4.30 mts. depression.

J. E.

A.E.

C/S
E.E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 1266 / V-8 1139 DATED 17-6-2015

1. TURBIDITY..... NTU 8.3	10. MAGNESIUM (as mg) mgl. 26.2
2. PH..... 7.95	11. IRON (as Fe) mgl. 0.4
3. TOTAL DISSOLVED SOLIDS mgl. 376	12. RESIDUAL CHLORINE mgl. Nil
4. TOTAL HARDNESS (as ca co3) mgl. 232	
5. CHLORIDES (as CL) mgl. 47	
6. SULPHATES (as So4) mgl. 51	
7. FLUORIDES (as F) mgl. 0.3	
8. NITRATES (as No3) mgl. 2.4	
9. CALCIUM (as Ca) mgl. 49.6	