



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

MAKARIMAT DUR SIKHEDA

Completion Plan of T W No. 01 DISTRICT GHAZIABAD

Type of Rig m/c P.C. 600/27 Size of Bore 600 X 450 S.W.L. 5.70 Mts.

Agency M/S PIONEER DRILLING CO. PVT. LTD. GHAZIABAD

Depth B.G.L. Meter	Boring Chart	Stratum	Lowest Assembly	ASSEMBLY DETAILS
			G.S.M.A.G.L.	250 m. m. Dia Housing pipe 59.16 m to 76.16 m
0.00M		CLAY		250 m. m. Dia Reducer 35.50 m to 35.15 m
12.00M		FINE SAND		150 m. m. Dia Blind pipe 35.65 m to 46.65 m
		M. CLAY		150 m. m. Dia Slotted pipe 41.65 m to 52.75 m
15.00M		SANDY CLAY		150 m. m. Dia Blind pipe 52.75 m to 62.77 m
24.00M		CLAY		150 m. m. Dia Slotted pipe 62.77 m to 71.82 m
				150 m. m. Dia Blind pipe 71.82 m to 82.84 m
		KANKER SAND		150 m. m. Dia Slotted pipe 82.84 m to 86.85 m
				150 m. m. Dia Blind pipe 86.85 m to 92.88 m
55.00M				m. m. Dia pipe m to m
60.00M		M SAND		m. m. Dia pipe m to m
				m. m. Dia pipe m to m
72.50M		CLAY KANKER		Total Assembly 93.47 m
82.50M		M SAND		
87.50M		CLAY		
105M				

ABSTRACT

1. Drilling Started on 01-03-2014
 2. Drilling Completed on 06-03-2014
 3. Assembly Lowered on 07-03-2014
 4. Drilling Depth 105.00 m.
 5. Assembly Lowered 93.47 m.
- Housing Pipe 250 m. m. dia 36.09 m
 Blind Pipe 150 m. m. dia 33.22 m
 Slotted Pipe 150 m. m. dia 24.16 m

Countersigned

As Executed

For Pioneer Drilling Co. Pvt. Ltd.
 Auth. Sign
 Representative

J. E.

A. E.

Executive Engineer

TEST REPORT BY COMPRESSOR

(60)

Date of Test _____ Static W/L 570/M Taste of Water NORMAL

Discharge by V Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
5"	487.5	800	700	600	500	400		
6"	768	1000	850	650	550	450		
7"	1137	1500	1200	1000	800	700		

(Signature) J. E.
(Signature) A. E.
(Signature) E. E.

YIELD TEST REPORT

L. No. / / Dt. _____
 S.W.L. 570 Taste of Water SWEET Date of Test 22-03-2014

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"	685	9.80	4.10	30	10	Cl.	Cl.	Cl.	Cl.
9"	738	10.20	4.50	50	Fr.	Cl.	Cl.	Cl.	Cl.
11"	813	10.80	5.10	100	50	30	20	Fr.	Cl.
14"	919	11.20	5.50	200	80	60	30	20	10
24"	1173	12.00	6.30	300	150	100	40	30	10
	628	v-8	118	Date	20-3-	2014			

Recommended 700 LPM discharge at 4.50 mts. depression. (Signature) J. E. (Signature) A. E. (Signature) E. E.

WATER SAMPLE TEST RESULTS

AGENCY C120 MLD WATER TREATMENT LAB, PRATAP VIHAR, GHAZIABAD. REF :- L.No. 461 Testing 195 DATED 28-03-2014
 699/v-8/128 Dt. 2-4-14

1. TURBIDITY..... NTU..... 3	10. MAGNESIUM (as mg) mgl. 13.6
2. PH..... - 7.65	11. IRON (as Fe) mgl. 0.2
3. TOTAL DISSOLVED SOLIDS mgl. 260	12. RESIDUAL CHLORINE mgl. Nil
4. TOTAL HARDNESS (as ca co3) mgl. 108	
5. CHLORIDES (as CL) mgl. 52	
6. SULPHATES (as So4) mgl. 61	
7. FLUORIDES (as F) mgl. 0.4	
8. NITRATES (as No3) mgl. 3	
9. CALCIUM (as Ca) mgl. 20.8	

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