



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

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

Type of Rig m/c 600X27' Size of Bore 675X600mm S.W.L. 10.00 Mts.

Agency M/S. SOBHA RAM PREMI GARH ROAD MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.51M AGL	350 m. m. Dia Housing pipe 0.51M AGL. m to 38.30 m"
G.L.		SURFACE CLAY		350 m. m. Dia Reducer 38.30 m to 38.45 m"
6.00M.		SANDY CLAY		200 m. m. Dia Blind pipe 38.45 m to 44.63 m"
12.00M.				200 m. m. Dia Slotted pipe 44.63 m to 62.63 m"
		MEDIUM AND FINE SAND		200 m. m. Dia Blind pipe 62.63 m to 71.63 m"
				200 m. m. Dia Slotted pipe 71.63 m to 83.79 m"
36.50M.		CLAY		200 m. m. Dia Blind pipe 83.79 m to 89.79 m"
42.50M.				200 m. m. Dia pipe m to m"
		FINE SAND		m. m. Dia pipe m to m"
				m. m. Dia pipe m to m"
64.00M.				m. m. Dia pipe m to m"
		MEDIUM SAND		m. m. Dia pipe m to m"
85.50M.				Total Assembly 90.30 m"
		CLAY		
100.00M.				

ABSTRACT

- Drilling Started on 04-06-2015
 - Drilling Completed on 10-06-2015
 - Assembly Lowered on 11-06-2015
 - Drilling Depth 100.00 m.
 - Assembly Lowered 90.30 m.
- Housing Pipe 350 m. m. dia 38.81 m
- Blind Pipe 200 m. m. dia 21.01 m
- Slotted Pipe 200 m. m. dia 30.33 m

As Executed

Countersigned

TEST REPORT BY COMPRESSOR

Date of Test 06-07-2015

Static W/L 10.00M.

Taste of Water SWEET.

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	40 Min.	
8½"	1815	11000	7500	5400	4000	2500	1500	
9"	2088	13500	9400	6500	5000	3000	1900	

J. E.

A. E.

E. E.

YIELD TEST REPORT

L. No. 1533 1 v-81167 Dt. 20-7-15

S.W.L. 10.00M... Taste of Water SWEET... Date of Test 19-07-2015

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.
15"	1817	14.00	4.00	50	Tr.	Cl.	Cl.	Cl.	Cl.
20"	2062	14.40	4.40	90	Tr.	Tr.	Cl.	Cl.	Cl.
25"	2301	14.80	4.80	150	120	50	20	Tr.	Cl.
34"	2706	15.30	5.30	200	150	100	50	20	Tr.
42"	3028	15.50	5.50	500	200	150	100	50	20

Recommended 2000 LPM... discharge at 4.40 mts. depression.

J. E.

A. E.

E. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD.

REF :- L.No.

DATED

- TURBIDITY.....
- PH.....
- TOTAL DISSOLVED SOLIDS mg/l.
- TOTAL HARDNESS (as ca co3) mg/l.
- CHLORIDES (as CL) mg/l.
- SULPHATES (as So4) mg/l.
- FLUORIDES (as F) mg/l.....
- NITRATES (as No3) mg/l.....

- MAGNESIUM (as mg) mg/l.
- IRON (as Fe) mg/l.
- RESIDUAL CHLORINE mg/l. Nil