

29/15

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

Completion Plan of T W No. 01 at VAIT DISTRICT GHAZIABAD

Type of Rig m/c 600X27' Size of Bore 675X600 mm. W.L. 6.00 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
			0.49M. AGL	
G.L. 1.50M.		SURFACE CLAY		350 m. m. Dia Housing pipe 0.49M. AGL to 35.60m
9.00M.		CLAY		350 m. m. Dia Reducer 35.60 m to 35.75m
		MEDIUM SAND		200 m. m. Dia Blind pipe 35.75 m to 63.82m
		MEDIUM SAND		200 m. m. Dia Slotted pipe 63.82 m to 78.97m
27.00M.		MEDIUM SAND		200 m. m. Dia Blind pipe 78.97 m to 87.01m
		YELLOW FINE SAND		200 m. m. Dia Slotted pipe 87.01 m to 111.19m
36.50M.		YELLOW M. SAND	35.60M.	200 m. m. Dia Blind pipe 111.19 m to 117.20m
39.50M.		FINE SAND	35.75M. m. m. Dia pipe m to m
45.00M.		COVERING CLAY	 m. m. Dia pipe m to m
51.00M.		FINE SAND	 m. m. Dia pipe m to m
54.00M.		SANDY CLAY	 m. m. Dia pipe m to m
58.00M.		SANDY CLAY	63.82M. m. m. Dia pipe m to m
62.50M.		MEDIUM SAND		Total Assembly 117.69 m
80.00M.		V. FINE SAND	78.97M.	
86.00M.		MEDIUM SAND	87.01M.	
		MEDIUM SAND		
112.00M.		SANDY CLAY	117.20M.	
122.00M.		SANDY CLAY	117.20M.	

ABSTRACT

1. Drilling Started on 20-06-2015
 2. Drilling Completed on 23-06-2015
 3. Assembly Lowered on 24-06-2015
 4. Drilling Depth 122.00 m.
 5. Assembly Lowered 117.69 m.
- Housing Pipe 350 m. m. dia 36.09 m
 Blind Pipe 200 m. m. dia 42.12 m
 Slotted Pipe 200 m. m. dia 39.33 m

As Executed
(Signature)
Representative

(Signature)
(NARESH KUMAR)
J. E.

(Signature)
(R.C. JAIN)
A. E.

Countersigned
(Signature)
(RAKESH KUMAR)
Executive Engineer

TEST REPORT BY COMPRESSOR

Date of Test 30-06-2015 Static W/L 6.00M. 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.	
8 1/2"	1815	10500	7500	5000	4000	2200	1300	Yellow Fine
9"	2088	13000	9400	5000	5000	2500	1700	observed continuity available per gravel to going.

C/S
E. E.

(R) A. E.

J. E.

YIELD TEST REPORT

L. No. 1493 / 1v-81157 Dt. 13-07-15
 S.W.L. 6.00M. Taste of Water SWEET. Date of Test 10-07-2015

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.
12	1608	9.64	3.64	20	10	Cl.	Cl.	Cl.	Cl.
15	1961	10.45	4.45	30	10	Cl.	Cl.	Cl.	Cl.
20	2081	10.72	4.72	70	50	30	20	Tr.	Cl.
30	2535	11.74	5.74	100	80	60	40	20	Tr.
35	2744	12.21	6.21	150	120	100	80	50	20

Recommended 1800 LPM discharge at 4.45 mts. depression.

J. E. (R) A. E. C/S E. E.

WATER SAMPLE TEST RESULTS

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

1. TURBIDITY..... N.T.U. <u>2.5</u> 2. PH..... <u>8.43</u> 3. TOTAL DISSOLVED SOLIDS mgl. <u>210</u> 4. TOTAL HARDNESS (as ca co3) mgl. <u>144</u> 5. CHLORIDES (as CL) mgl. <u>15</u> 6. SULPHATES (as So4) mgl. <u>19</u> 7. FLUORIDES (as F) mgl. <u>0.2</u> 8. NITRATES (as No3) mgl. <u>3</u> 9. CALCIUM (as Ca) mgl. <u>38.4</u>	10. MAGNESIUM (as mg) mgl. <u>11.6</u> 11. IRON (as Fe) mgl. <u>0.2</u> 12. RESIDUAL CHLORINE mgl. Nil
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Draught's Signature (Signature) J. E. A. E. Executive Engineer