

19/15

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

Completion Plan of T W No. 01 at CHAND NAR DISTRICT HAPUR

Type of Rig m/c 600X27' Size of Bore 550X450mm s.w.L. 9.00 Mts.

Agency M/S A.S.L. ENTERPRISES 498/2 PRABHAT NAGAR MEERUT

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.51M AGL.	250X150 m. m. Dia Housing pipe 0.51M AGL. m to 35.60m"
G.L. 6.00M		SURFACE CLAY		150 m. m. Dia Reducer 35.60 m to 35.75m"
6.00M		CLAY KANKER		150 m. m. Dia Blind pipe 35.75 m to 53.86m"
		FINE SAND		150 m. m. Dia Slotted pipe 53.86 m to 63.00m"
		FINE SAND		150 m. m. Dia Blind pipe 63.00 m to 64.00m"
		FINE SAND		150 m. m. Dia Slotted pipe 64.00 m to 67.14m"
33.00M		CLAY		150 m. m. Dia Blind pipe 67.14 m to 73.15m"
		CLAY		150 m. m. Dia Slotted pipe 73.15 m to 91.61m"
		CLAY		150 m. m. Dia Blind pipe 91.61 m to 96.64m"
52.00M		MEDIUM SAND	 m. m. Dia pipe m to m"
		MEDIUM SAND	 m. m. Dia pipe m to m"
63.25M		CLAY	 m. m. Dia pipe m to m"
63.75M		FINE TO M. SAND		Total Assembly 97.15 m"
69.00M		CLAY		
72.00M		MEDIUM SAND		
		MEDIUM SAND		
92.00M		CLAY		
100.00M		CLAY		

ABSTRACT

1. Drilling Started on 28-04-2015
 2. Drilling Completed on 05-05-2015
 3. Assembly Lowered on 08-05-2015
 4. Drilling Depth 100.00 m.
 5. Assembly Lowered 97.15 m.
- Housing Pipe 250 m. m. dia 36.11 m
 Blind Pipe 150 m. m. dia 30.15 m
 Slotted Pipe 150 m. m. dia 30.74 m

As Executed

Ajay

Representative

M. Mahaveer
(MAHAVEER)

J. E.

R.C. Jain
(R.C. JAIN)

A. E.

Countersigned

Rakesh Kumar
(RAKESH KUMAR)

Executive Engineer

TEST REPORT BY COMPRESSOR

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Date of Test: 17-06-2015 Water W/L: 0.22 Taste of Water: _____

Discharge by W. Watch	W. L.P.M.	SAND CONTENTS						KIND OF SAND
		Start	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	
91	756	200	300	400	500	600		
111	813	250	350	450	550	650		
141	919	300	400	500	600	700		

M. J. E.
A. E.
S. E.

YIELD TEST REPORT

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L. No. 1155 Date of Test: 17-06-2015

S. No. 500 Taste of Water: SWEET Date of Test: 17-06-2015

W. Watch Orifice Reading	Discharge in L.P.M.	W. L. in W/L	Depression in W/L	SAND CONTENTS					
				Starting	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.
91	756	200	300	50	10	7	11	11	11
111	813	250	350	50	7	11	11	11	11
141	919	300	400	100	20	30	20	70	11
201	1078	350	450	150	80	60	30	20	10
241	1173	400	500	300	200	100	40	30	10

Recommended 750 L.P.M discharge at 3.50 mtr. depression.

M. J. E.
A. E.
S. E.

WATER SAMPLE TEST RESULTS

AGENCY

C120 MID WATER TREATMENT

LAB, PRATAP VIHAR, GHAZIABAD

REF. L. No. ¹²⁶² 1155 DATED 17-06-2015

1. TURBIDITY..... NTU <u>0.8</u>	10. MAGNESIUM (as mg) mg/l <u>7.7</u>
2. PH..... <u>8.25</u>	11. IRON (as Fe) mg/l <u>0.1</u>
3. TOTAL DISSOLVED SOLIDS mg/l <u>154</u>	12. RESIDUAL CHLORINE mg/l. Nil
4. TOTAL HARDNESS (as ca co3) mg/l <u>72</u>
5. CHLORIDES (as Cl) mg/l <u>26</u>
6. SULPHATES (as So4) mg/l <u>18</u>
7. FLUORIDES (as F) mg/l <u>0.9</u>
8. NITRATES (as No3) mg/l <u>3.4</u>
9. CALCIUM (as Ca) mg/l <u>16</u>

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Draught's Signature

[Signature]
J. E.

[Signature]
A. E.

[Signature]
Executive Engineer