



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

C/NB- 02/EE (E/M) /2013-14

Completion Plan of T W No. 02 at KALONDA DISTRICT G.B.NAGAR

Type of Rig m/c R.C. 600/27' Size of Bore 675X550M S.W.L. 6.60 Mts.

Agency M/S. A.JAY KUMAR SANDEEP KUMAR MOHANNAGAR SAHARAN PUR

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
3.00M		CLAY WITH SAND		300 m. m. Dia Housing pipe 3.00 m to 35.43 m
7.00M		FINE SAND		300 m. m. Dia Reducer 35.43 m to 35.58 m
11.00M		FINE SAND WITH CLAY		150 m. m. Dia Blind pipe 35.58 m to 41.67 m
				150 m. m. Dia Slotted pipe 41.67 m to 53.71 m
				150 m. m. Dia Blind pipe 53.71 m to 59.84 m
				150 m. m. Dia Slotted pipe 59.84 m to 68.88 m
35.00M		SANDY CLAY		150 m. m. Dia Blind pipe 68.88 m to 84.00 m
41.00M		M. SAND		150 m. m. Dia Slotted pipe 84.00 m to 87.00 m
				150 m. m. Dia Blind pipe 87.00 m to 106.14 m
45.00M				150 m. m. Dia Slotted pipe 106.14 m to 109.14 m
59.00M		M. SAND		150 m. m. Dia Blind pipe 109.14 m to 115.20 m
69.00M				m. m. Dia pipe m to m
				Total Assembly 115.50 m
		CLAY WITH KANKER		
84.00M		M. SAND		
		CLAY WITH KANKER		
106.00M		M. SAND		
110.00M				
124.00M		CLAY WITH KANKER		

ABSTRACT

1. Drilling Started on 26-09-2013
 2. Drilling Completed on 06-10-2013
 3. Assembly Lowered on 11-10-2013
 4. Drilling Depth 124.00 m.
 5. Assembly Lowered 115.50 m.
- Housing Pipe 300 m. m. dia 35.73 m
 Blind Pipe 150 m. m. dia 52.48 m
 Slotted Pipe 150 m. m. dia 27.14 m

As Executed

 Representative

J. E.

A. E.

Countersigned

 Executive Engineer

595

TEST REPORT BY COMPRESSOR

Date of Test 28-10-2013		Static W/L 6.00		Taste of Water Normal				
Discharge by V. Notch		Sand Contents						Remarks
In inch / 125 mm	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
149	702	10000	8000	6000	4000	3000	2000	Continuity
271	990	14000	10000	8000	6000	5000	3500	Reasonable
								Per gravels
								Not forming head.
J. E.		A. E.						C/S E. E.

YIELD TEST REPORT

L. No. 12247 / v. 4 / Dt. 08-11-2013
 S.W.L. 6.60 Mts Taste of Water सामान्य Date of Test 7-11-2013

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.
14"	901.	10.20	3.60	100	30	Tr	Tr	Cl	Cl
18"	1015	11.05	4.45	150	80	20	Tr	Cl	Cl
20"	1072	11.60	5.00	300	200	150	100	50	Tr
30"	1325	13.30	6.70	550	400	250	150	100	50
50"	1704	15.70	9.10	800	500	400	300	200	100

Recommended 1000 L.P.M discharge at 4.45 mts. depression. J. E. A. E. C/S
E. E.

WATER SAMPLE TEST RESULTS

AGENCY
 C120 MLD WATER TREATMENT HM-1128 Dated 11-11-2013
 LAB, PRATAP VIHAR, GHAZIABAD. REF :- L.No.22691 v. 8 176 DATED 12-11-2013

1. TURBIDITY..... NTU	0.8	10. MAGNESIUM (as mg) mgl.	29.10
2. PH.....	7.9	11. IRON (as Fe) mgl.	0.07
3. TOTAL DISSOLVED SOLIDS mgl.	402	12. RESIDUAL CHLORINE mgl.	Nil
4. TOTAL HARDNESS (as ca co3) mgl.	240		
5. CHLORIDES (as CL) mgl.	27		
6. SULPHATES (as So4) mgl.	35		
7. FLUORIDES (as F) mgl.	0.3		
8. NITRATES (as No3) mgl.	4		
9. CALCIUM (as Ca) mgl.	48		

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