



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

Completion Plan of T W No. 1 at PARVANA DISTRICT BULANDSHAHAR

Type of Rig m/c 600/27 Size of Bore 675 x 600 mm S.W.L. 12.50 Mts.

Agency M/S A. SLEETER PRISE GAZIYABAD

Depth B.G.L. Meter	Boring Chart	Stratum	Lowered Assembly	ASSEMBLY DETAILS
			0.30 AGL	300m. m. Dia Housing pipe .D.: 30... m to 38.88m"
3.0M		SURFACE SAND		300x200 Dia Reducer 38.88... m to 39.03m"
6.0M		SANDY CLAY		200m. m. Dia PLAIN pipe 39.03... m to 51.26m"
		MEDIUM SAND		200 m. m. Dia Slotted pipe 51.26... m to 63.33m"
		& FINE SAND		200 m. m. Dia PLAIN pipe 63.33... m to 65.33m"
38.0M				30.88M 200 m. m. Dia Slotted pipe 65.33... m to 77.53m"
41.0M		MEDIUM SAND		34.09M 200 m. m. Dia PLAIN pipe 77.53... m to 87.76m"
		& BOLDER		200 m. m. Dia Slotted pipe 87.76... m to 93.43m"
51.0M		FINE SAND		51.26M 200 m. m. Dia PLAIN pipe 93.43... m to 99.55m"
53.0M				 m. m. Dia pipe m to m"
		MEDIUM SAND & BOLDER		63.33M 200 m. m. Dia pipe m to m"
				65.33M m. m. Dia pipe m to m"
				77.53M Total Assembly 99.85 m"
79.0M		SANDY CLAY		87.76M
86.0M		MEDIUM SAND		93.43M
94.0M				99.55M
		SANDY CLAY		
110.0M				

ABSTRACT

1. Drilling Started on 31-12-13
2. Drilling Completed on 3-1-14
3. Assembly Lowered on 4-1-14
4. Drilling Depth 110.0M m.
5. Assembly Lowered 99.85 m.
Housing Pipe 300 m. m. dia 39.18 m
Blind Pipe 200 m. m. dia 30.58 m
Slotted Pipe 200 m. m. dia 29.94 m

Countersigned

As Executed

TEST REPORT BY COMPRESSOR

597

Date of Test 28.01.2014 Static W/L 2.50m Taste of Water SWEET

Discharge by V Notch		Sand Contents						Remarks
In inch	In LPM	Start	5 Min	10 Min	15 Min	30 Min	45 Min	
2 1/2	1618	10000	7000	5000	4000	2500	1500	Yellow & grey
3 1/2	1815	12000	9000	5500	4500	2900	1900	Dark grey, sand
								fine sand and
								grit.
Minimal		91						C/S
J.E.		A.E.						E.E.

YIELD TEST REPORT

L No. 148147 Dt. 17-2-2014
S.W.L. 2.50m Taste of Water SWEET Date of Test 11.02.2014

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.
10.5"	1521	12.50	4.00	30	Tr	Cl	Cl	Cl	Cl
13"	1628	12.95	4.45	60	Tr	Tr	Cl	Cl	Cl
20"	2062	13.30	4.80	150	100	50	20	Tr	Cl
25"	2301	13.80	5.30	200	150	80	50	20	Tr
34"	2796	14.00	5.50	500	250	150	100	50	20

Recommended 1600 LPM discharge at 4.45 mts. depression. J.E. A.E. C/S

WATER SAMPLE TEST RESULTS

AGENCY

C120 MLD WATER TREATMENT

LAB. PRATAP VIHAR, GHAZIABAD.

REF :- L.No. 141 / V-8 162 DATED 28-2-2014

1. TURBIDITY	2.5	10. MAGNESIUM (as mg) mgl.	27.1
2. PH	7.9	11. IRON (as Fe) mgl.	0.12
3. TOTAL DISSOLVED SOLIDS mgl.	295	12. RESIDUAL CHLORINE mgl. Nil	NIL
4. TOTAL HARDNESS (as CaCO3) mgl.	240		
5. CHLORIDES (as Cl) mgl.	19		
6. SULPHATES (as SO4) mgl.	12		
7. FLUORIDES (as F) mgl.	0.3		
8. NITRATES (as NO3) mgl.	2		