



YAMUNA POLLUTION CONTROL UNIT, U.P. JAL NIGAM, GHAZIABAD

77

**Completion Plan of TW No. 1 of Zone-2 (Khasra No. 2020) Pilkhuwa District-Ghaziabad
Scheme : Pilkhuwa Reorganasation Water Supply Scheme Under UIDST Programme.**

Depth MBGL	Boring Depth	Strata	Lowered Assembly	
			A.G.L. 4.00m	
3.04		CLAY		
		FINESAND		
12.19		SAND STONE		29.85
15.24		COARSE SAND		
18.29		MEDIUM SAND		
21.34		SAND STONE		
24.39		MEDIUM SAND		
33.53		CLAY + KANKER		31.15
36.58		MEDIUM SAND		3.00
				3.15
54.87		CLAY		18.23
70.12		MEDIUM SAND		15.00
73.17		CLAY		3.00
				5.57
5				

<u>ASSEMBLY DETAILS</u>			
350 mm Dia Plain Pipe	0.00 mbgl to	29.85 mbgl	
350 X200 mm Dia Reducer	29.85 mbgl to	30.00 mbgl	
200 mm Dia Plain Pipe	30.00 mbgl to	30.50 mbgl	
200 mm Dia Slotted Pipe	30.50 mbgl to	33.50 mbgl	
200 mm Dia Plain Pipe	33.50 mbgl to	36.65 mbgl	
200 mm Dia Slotted Pipe	36.65 mbgl to	54.88 mbgl	
200 mm Dia Plain Pipe	54.88 mbgl to	69.97 mbgl	
200 mm Dia Slotted Pipe	69.97 mbgl to	73.01 mbgl	
200 mm Dia Plain Pipe	73.01 mbgl to	78.58 mbgl	
Total Assembly :		78.58 + .40(agl) m=78.98m	

<u>ABSTRACT</u>			
1. Drilling Started on :	29.07.10		
2. Drilling completed on :	02.08.10		
3. Assembly Lowered on :	03.08.10		
4. Drilling Depth :	105		m
5. Assembly Lowered :	78.98		m
6. Logging :			m
350 mm dia Plain Pipe :		30.25	m
300mm dia Slotted pipe Pipe :		-	m
200 mm dia Plain Pipe :		24.31	m
200mm dia Slotted pipe Pipe :		24.27	m
7. Type of Rig Machine			RC-600/27
8. Bore size 675 mm dia		45.0	Mtr.
9. Bore size 600 mm dia		60.0	Mtr.
10. Static Water Level		14.10	Mtr.
11. Contractor	M/s Sobha Ram Premi, Meerut		
12. C.B. No.	03/GM/10-11		

As Executed

(M/S Sobha Ram Premi)
 Contractor

(Ajeet Singh)
 A.P.E.

(Rakesh Kumar)
 P.E.

Countersigned

(P.K. Garg)
 Project Manager

Name of Site : T/W No. 1 of Zone-2 (Khaara No. 2020) Pilkhuwa
YEILD TEST REPORT BY Q.P. UNIT 77

Date of Test : 25.08.10 **S.W.L.** 14.10 Mtr. **Size of water meter :** mm dia

Sounding : 75.65 Mtr. **Ref :** 1198/Pilkhuwa/024 dt. 25.08.10 **Taste of water :** Sweet

V-Noch Reading In MM	Total Qty. of water (Litre)	Total Time		SWL	Discharge (LPM)	RWL (Meter)	Depression (Meter)	Sand content in PPM							Remarks
		Min	Sec					Start	5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
242				14.10	2378	21.10	7.00	250	150	100	50	50	Cl.	Cl.	
232				14.10	2141	20.00	5.90	150	100	50	Tr.	Cl.	Cl.	Cl.	
226				14.10	2006	18.70	4.60	50	Tr.	Tr.	Tr.	Cl.	Cl.	Cl.	
216				14.10	1793	18.00	3.90	50	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	

TEST REPORT OF TUBEWELL BY AIR COMPRESSOR

Date of Test : 12.08.10 **S.W.L.** 14.10 Mtr.

Sounding : 72.60 Mtr. **Discharge measured by :** Vnotch


Sl.	Depth of air line BGL in Meter	Discharge		Sand content in PPM					REMARKS
		Reading of V-notch	LPM	Start	5 Min	10 Min	20 Min	30 Min	
1	48	242	2378	800	600	400	300	200	
2	82	244	2426	900	700	400	250	150	

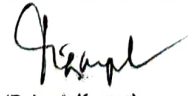
WATER ANALYSIS REPORT


Agency : Water Testing Lab of P.A. Ganga Jal Project Unit, UP Jal Nigam, GZB. **Ref :-**

Ref:-

Parameter	Test Result	Acceptable Limit	Cause of Rejection	Parameter	Test Result	Acceptable Limit	Cause of Rejection
Taste		Un Objectionable	Un Objectionable	Fluorides (as F)	0.30 Mg/l	1.00	1.5
Colour	T.P.	5	25	Nitrates (as NO3)	4.00 Mg/l	45.00	45.00
Odour	PCS	Un Objectionable	Un Objectionable	Calcium (as Ca)	56.00 Mg/l	75.00	200.00
Turbidity	0.5 NTU	1.00	10.00	Mangesium (as mg)	34.00 Mg/l	<_30	150.00
PH	7.4	7.00 - 8.50	6.50 to 9.20	Iron (as Fe)	0.06 Mg/l	0.10	1.00
TDS	570 Mg/l	500.00	2000.00	Residual Chlorine	Mg/l	0.20	0.40
Total Hardness (as CaCo3)				Nitrite (No4)	Mg/l	<30	45.00
367	280 Mg/l	200.00	600.00	Remark			
Chlorides (as Cl)	66 Mg/l	200.00	1000.00				
Sulphates (as SO4)	37 Mg/l	200.00	400.00				


 (Ajeet Singh)
 A.P.E.


 (Rakesh Kumar)
 P.E.


 (P.K. Garg)
 Project Manager(Y)