



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

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**Completion Plan of TW No. 2 of Zone-3 (Khasra No. 1237) Pilkhuwa District-Ghaziabad
Scheme : Pilkhuwa Reorganasation Water Supply Scheme Under UIDST Programme.**

Depth MBGL	Boring Depth	Strata	Lowered Assembly																															
			A.G.L 60cm																															
6.09		CLAY		<p align="center">ASSEMBLY DETAILS</p> <table border="0"> <tr> <td>350 mm Dia Plain Pipe</td> <td>0.00 mbgl to</td> <td>35.66 mbgl</td> </tr> <tr> <td>350 mm Dia Slotted Pipe</td> <td>- mbgl to</td> <td>- mbgl</td> </tr> <tr> <td>350 mm Dia Plain Pipe</td> <td>- mbgl to</td> <td>- mbgl</td> </tr> <tr> <td>350 X200 mm Dia Reducer</td> <td>35.66 mbgl to</td> <td>35.81 mbgl</td> </tr> <tr> <td>200 mm Dia Plain Pipe</td> <td>35.81 mbgl to</td> <td>36.81 mbgl</td> </tr> <tr> <td>200 mm Dia Slotted Pipe</td> <td>36.81 mbgl to</td> <td>58.08 mbgl</td> </tr> <tr> <td>200 mm Dia Plain Pipe</td> <td>58.08 mbgl to</td> <td>70.23 mbgl</td> </tr> <tr> <td>200 mm Dia Slotted Pipe</td> <td>70.23 mbgl to</td> <td>76.31 mbgl</td> </tr> <tr> <td>200 mm Dia Plain Pipe</td> <td>76.31 mbgl to</td> <td>81.39 mbgl</td> </tr> <tr> <td colspan="2">Total Assembly :</td> <td>81.39+ .60(agl) m=81.99m</td> </tr> </table>	350 mm Dia Plain Pipe	0.00 mbgl to	35.66 mbgl	350 mm Dia Slotted Pipe	- mbgl to	- mbgl	350 mm Dia Plain Pipe	- mbgl to	- mbgl	350 X200 mm Dia Reducer	35.66 mbgl to	35.81 mbgl	200 mm Dia Plain Pipe	35.81 mbgl to	36.81 mbgl	200 mm Dia Slotted Pipe	36.81 mbgl to	58.08 mbgl	200 mm Dia Plain Pipe	58.08 mbgl to	70.23 mbgl	200 mm Dia Slotted Pipe	70.23 mbgl to	76.31 mbgl	200 mm Dia Plain Pipe	76.31 mbgl to	81.39 mbgl	Total Assembly :		81.39+ .60(agl) m=81.99m
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18.29		MEDIUM SAND																																
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36.58		CLAY	35.81 36.81																															
		MEDIUM SAND	21.27																															
57.92		CLAY	58.08																															
70.42		MEDIUM SAND	70.23																															
76.21		CLAY	76.31 81.39																															
93.00			50.8																															

ABSTRACT

1. Drilling Started on : 19.08.10
2. Drilling completed on : 21.08.10
3. Assembly Lowered on : 21.08.10
4. Drilling Depth : 93 m
5. Assembly Lowered : 81.99 m
6. Logging :

350 mm dia Plain Pipe :	36.26	m
300mm dia Slotted pipe Pipe :	-	m
200 mm dia Plain Pipe :	18.23	m
200mm dia Slotted pipe Pipe :	27.35	m
7. Type of Rig Machine : RC-600/27
8. Bore size 675 mm dia : 45.0 Mtr.
9. Bore size 600 mm dia : 48.0 Mtr.
10. Static Water Level : 12.50 Mtr.
11. Contractor M/s Sobha Ram Premi, Meerut
12. C.B. No. 03/GM/10-11

As Executed

(Signature)
(M/S Sobha Ram Premi)
Contractor

(Signature)
(Ajeet Singh)
A.P.E.

(Signature)
(Rakesh Kumar)
P.E.

Countersigned

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

Name of Site : T/W No. 2 of Zone-3 (Khaara No. 1237) Pilkhuwa
YEILD TEST REPORT BY O.P. UNIT

Date of Test : 23.09.10 **S.W.L.** 12.60 Mtr. **Size of water meter :** mm dia
Sounding : 77.50 Mtr. **Ref :** 1358/Pilkhuwa/31 dt. 25.09.10 **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
252				12.50	2629	17.60	5.10	200	150	100	50	50	Tr.	Tr.	
238				12.50	2281	17.10	4.80	150	100	50	Tr.	Cl.	Cl.	Cl.	
228				12.50	2051	16.50	4.00	50	Tr.	Tr.	Cl.	Cl.	Cl.	Cl.	
216				12.50	1793	16.60	3.10	50	Cl.	Cl.	Cl.	Cl.	Cl.	Cl.	

TEST REPORT OF TUBEWELL BY AIR COMPRESSOR

Date of Test : 03.09.10 **S.W.L.** 12.40 Mtr.
Sounding : 74.70 Mtr. **Discharge measured by :** V-notch

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	51	238	2281	600	500	400	300	200	
2	75	248	2527	700	500	400	400	200	

WATER ANALYSIS REPORT

Agency : Water Testing Lab of P.M. 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)	Mg/l	1.00	1.5
Colour	T.P.	5	25	Nitrates (as NO3)	Mg/l	45.00	45.00
Odour	PCS	Un Objectionable	Un Objectionable	Calcum (as Ca)	Mg/l	75.00	200.00
Turbidity	NTU	1.00	10.00	Mangesium (as mg)	Mg/l	<_30	150.00
PH		7.00 - 8.50	6.50 to 9.20	Iron (as Fe)	Mg/l	0.10	1.00
TDS	Mg/l	500.00	2000.00	Residual Chlorine	Mg/l	0.20	0.40
Total Hardness (as CaCo3)	Mg/l	200.00	600.00	Nitrite (No4)	Mg/l	<30	45.00
Chlorides (as Cl)	Mg/l	200.00	1000.00	Remark			
Sulphates (as SO4)	Mg/l	200.00	400.00				

(Signature)
 (Ajest Singh)
 A.P.E.

(Signature)
 (Rakesh Kumar)
 P.E.

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