

## **SALIENT DETAILS**

### **CWSS TO THANGANAGAR AND 10 OTHER HABITATIONS IN UPPILIYAPURAM UNION - TRICHI DISTRICT**

1	Scheme Cost	Rs.66.00 Lakhs.		
2	Beneficiaries	Habitations - 11 Nos		
3	Populations	16065		
4	Designed quantity	0.78 mld		
5	Hours of Pumping	14		
6	Head Works at Thanganagar			
	Bore wells	<b>I</b>	<b>II</b>	<b>III</b>
	Diameter	150 mm	150 mm	200 mm
	Depth	70 m	130 m	70m
	Yield	278 lpm	135 lpm	763 lpm.
	Pumpset:			
	Bore well no.I	5 HP Sub 135 lpm x 70 m - 1 No		
	Bore well no.II	7.5 HP Sub 278 lpm x 70 m - 1No		
	Bore well no.III	11HP Sub 763 lpm x 70 m - 1No		
	Pumproom	1.50 m x 1.50 m - 3 nos		
7	Collection Sump and Pump Room at Thanganagar			
	Sump capacity	27630 lit.		
	Diameter	4.00m.		
	Depth	3.00 m		
	Pumproom	3.0 m x 5.0 m		
	Pumpset:			
8	Pumping main:			
	160 mm OD PVC 6KSC Pipe	481m		
	140 mm OD PVC 4KSC Pipe	89m		
	110 mm OD PVC4KSC Pipe	233m		
	90 mm OD PVC4KSC Pipe	575m		

9 Booster Station at R.Gombai

Booster sump and pump room:

Sump capacity : 5,000 Lit.  
Pumproom : 1.50m x 1.50m  
Pumpset: 5 HP Cen.P'set 200 lpm x 40 m - 1  
No

10 Booster Main - I:

i)

160 OD PVC 4 KSC Pipe - 2573m  
140 OD PVC 4 KSC Pipe - 837m  
110mm. OD PVC 4 KSC Pipe - 3130 m

ii) Booster Main - II:

110mm. OD PVC 4 KSC Pipe - 1800m  
90mm. OD PVC 4 KSC Pipe - 1260m

11 Branch Pumping Main:

140 OD PVC 4 KSC Pipe - 304m  
110mm. OD PVC 4 KSC Pipe - 2790m  
63mm. OD PVC 4 KSC Pipe - 1845m  
63mm. OD PVC 4 KSC Pipe - 870m

12 Service Reservoirs

1.00 LL - 3 Nos  
0.30 LL - 5 Nos  
0.15 LL - 2 Nos  
0.05 LL - 2 Nos

# CWSS TO THANGANAGAR, PACHEPERUMALPATTY & OTHER HABITATIONS

## SCHEMATIC CUM FLOW DIAGRAM

