

## SALIENT DETAILS

### CWSS TO GINGEE-ANANTHAPURAM AND 10 OTHER HABITATIONS VILLUPURAM DISTRICT

1. Scheme Cost	:	Rs. 638.00 Lakhs
2 Beneficiaries	:	2 Town Panchayats & 10 Rural Habitations
3 Population	:	50532
4. Designed Quatity (2001)	:	2.64 MLD
5. Headworks with source details	:	Infiltration well -4 Nos – 4.5 m dia 6.00 m depth 1000 lpm Head works Collection Well 1,30,000 lits - 1 No
6. Pumpset		
a) Type	:	1) 3 HP Submersible P' Set 2) 40 HP Turbine P' Set
b) Duty	:	1) 775 lpm X 9 m Head (4+1) 2) 3100 lpm X 40 m Head (1+1)
c) Hours of Pumping	:	20 Hours
7. Treatment Plant (With unit details)	:	- Nil-
8. Transmission Main		
a) Pumping Main	:	350 mm AC Pipe - 22,625 m 300 mm AC Pipe - 18,005 m 250 mm AC Pipe - 7975 m 200 mm AC Pipe - 1380 m
		<b>Total 49,980 m</b>
b) Gravity Main	:	-NIL-
9. Booster Station	:	1) At Mugaiyur

- a) Sump with capacity : 1,00,000 Lits - 1 No  
b) Pumpset Details : 25 HP Cent P'Set 3100 lpm X 25 m Head (1+1)

2) At Udayanatham

1,00,000 Lits - 1 No

40 HP Cent P'Set 2500 lpm X 38 m Head (1+1)

3) At Athiyur

1,00,000 Lits - 1 No

15 HP Cent P'Set 1576 lpm X 24 m Head (1+1)

4) At Melvalai

1,00,000 Lits - 1 No

10 HP Submersible P'Set 770 lpm X 45 m Head (1+1)

10. Feeder Mains : -

11. Service Reservoirs with capacity ;

6,00,000 Lits – 1 No, 2,50,000 Lits - 1 Nos

1,00,000 Lits – 7 Nos 60,000 Lits - 3 Nos

30,000 Lits – 4 Nos 10,000 Lits - 1 No

# CWSS TO GINGEE - ANANTHAPURAM TOWN PANCHAYAT AND 10 WAYSIDE RURAL HABITATIONS IN VILLUPURAM DISTRICT

## FLOW DIAGRAM

