

## DEPARTMENT OF SUGAR

Sugar Industry in Tamilnadu is an important agro-based industry. It plays an vital role in the economic development of the State and particularly in rural areas. There are 38 sugar mills in the State of which 16 mills are in Cooperative Sector, 3 mills are in Public Sector and 19 mills are in the Private sector. Two Cooperative and one Public Sector Sugar Mill are not working due to inadequate cane.

The details of production of sugar in Tamilnadu and at All India level for three years are given below:-

### **1. SUGAR PRODUCTION**

Sl. No	Year (From October to September)	All India (in lakh tonnes)	Tamilnadu (in lakh tonnes)	% of sugar produced in Tamilnadu Compared to All India	Co-operative & Public Sector (in lakh tonnes)	Private Sector (in lakh tonnes)
1	2001-2002	185.35	18.39	9.9	6.09	12.30
2	2002-2003	201.00	16.43	8.17	5.26	11.17
3.	2003-2004 (Estimation)	\$155.00	\$9.00	5.80	#2.77	#5.40

\$ Expectation

# Actuals upto 30.4.2004

Excess production of sugar in previous years and accumulation of huge stock led to fall in the open market price of sugar, much below the cost of production. This has affected the financial viability of most of the sugar mills, particularly the Cooperative and Public sector sugar mills leading to heavy losses. The details of cost of production, free sale average price and levy price for the financial years 2002-2003 and 2003-2004 are given in Annexure-I.

## **2. PHYSICAL PERFORMANCE OF SUGAR MILLS IN TAMILNADU:**

The output of sugar has increased steadily over the years. The details of total quantity of cane crushed, sugar produced, average recovery percentage and capacity utilisation of sugar mills (sector-wise) for the past 3 sugar seasons (October to September) are given below:

Sl. No.	Item	2001-2002			2002-2003			2003-2004		
		Co-operative and Public Sector	Private Sector	Total	Co-operative and Public Sector	Private Sector	Total	Co-operative and Public Sector	Private Sector	Total
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
1.	Number of Sugar mills	18	18	36	16	19	35	16	18	34
2	Cane crushed (in lakh tonnes)	64.22	127.20	191.42	52.81	113.55	166.36	27.94	53.89	81.83
3	Sugar produced (in lakh tonnes)	6.09	12.30	18.39	5.26	11.17	16.43	2.77	5.40	8.17
4.	Average recovery (in %)	9.49	9.67	9.61	9.96	9.83	9.87	9.92	10.03	9.99
5.	Capacity utilisation (in %)	84.50	122.30	106.30	81	109	98	43	54	50

The details of mill-wise performance of crushing, sugar production and capacity utilisation for 2002-2003 crushing season are given in Annexure-II. The estimated crushing , sugar production, recovery and capacity utilisation for 2004-2005 season are given in Annexure IV.

## **3. SUGAR CANE PRODUCTION IN TAMIL NADU**

The details of area registered and actual cane crushed by sugar mills in Tamilnadu are given below:

Sl. No.	Sugar season (October to September)	Total cane area registered by sugar mills (in hect.)	Total cane crushed by the sugar mills (in lakh metric tonnes)
1	2000-2001	2,07,911	184.83
2	2001-2002	2,26,929	191.42
3.	2002-2003	2,16,834	166.36
4.	2003-2004 (upto 30.04.04)	88,297	81.83

#### **4. SUGARCANE PRICE:**

The Government of India announces the Statutory Minimum Price (SMP) every year on All India basis by issuing a Gazette notification in which price is fixed for each mill separately based on peak period recovery of previous sugar season. For 2002-2003 season, the Government of India had originally announced the SMP at Rs.645.00 per tonne of cane linked to 8.5% sugar recovery with a premium of Rs.7.60 per tonne for every 0.1% increase in sugar recovery. Then the Government of India announced an additional Statutory Minimum Price of Rs.50/- per MT. The Cooperative and Public Sector Sugar Mills have paid the cane price at the rate of Rs.695/- per MT as announced by Government of India whereas the South Indian Sugar Mills Association, Chennai, have challenged the Government of India order for payment of Additional Statutory Minimum Price of Rs.50/- per MT for 2002-2003 season. The Government of India has announced Statutory Minimum Price at Rs.730/- per MT of cane linked to 8.5% sugar recovery. However the notification was challenged by South Indian Sugar Mills Association which has been stayed by the Hon'ble High Court, Madras and it has further ordered for payment of Rs.655/- per MT i.e. the price originally recommended by Commission for Agricultural Costs and

Prices till final orders. The announcement of State Advised Price has been dispensed with since 2001-2002 season.

## **5. CAPITAL STRUCTURE OF COOPERATIVE AND PUBLIC SECTOR SUGAR MILLS (As on 31.3.2004)**

The details of share capital structure of Co-operative and Public Sector Sugar Mills, number of cane growers and the share capital contribution of growers and the Government are given in Annexure III.

## **6. SUGARCANE ROAD DEVELOPMENT SCHEME (SRDS):-**

With a view to improve the transport facility for sugar cane, the Cooperative and Public Sector Sugar Mills have been regularly taking up formation and improvement of link roads connecting various villages to the factories besides maintenance of existing roads in sugar mill areas. The funds for the Sugarcane Road Development scheme are generated by levy of cess by the State Government at Rs.5/- per tonne on the cane purchased by the sugar mills.

The details of cane cess collected and amount spent towards new road works and maintenance of already formed Sugarcane Road Development Scheme roads during the last three years are as follows:-

Year	Cane Cess amount collected (Rupees in lakhs)	Total expenditure on road works (Rupees in lakhs)
2001-2002	853.05	326.35
2002-2003	613.00	704.33
2003-2004	470.70	823.00

## **7. CO-GENERATION OF POWER IN COOPERATIVE SUGAR MILLS:**

Co-generation Plants are functioning in M.R.Krishnamurthy Co-operative Sugar Mills, Sethiathope, Cuddalore District, Cheyyar Co-operative Sugar Mills, Tiruvannamalai District, with an installed capacity of 7.50 MW each and export of power to the tune of 3.50 MW. and at Subramania Siva Cooperative Sugar Mills with a capacity of 1.5 M.W. During the year 2003-2004 they have exported 52.61 lakhs units, 35.72 lakh units and 18.54 lakhs units respectively to T.N.E.B. Grid upto 31.03.2004.

## **8. MOLASSES:**

Molasses is sold by conducting Tender - cum - Auction once in two months as per Government Order. As on 31.03.2004, a quantity of 78038 tonnes of molasses was available in Steel Tank and 45034 tonnes of molasses was available in masonry and open pits in cooperative / public sector sugar mills. During the financial year 2003-2004, 1.99 lakh tonnes of molasses was sold at a total value of Rs.16.03 crores.

## **9. DISTILLERY PLANTS & BIO-COMPOST UNIT:**

### **(a) DISTILLERY PLANTS:**

The distilleries in Cooperative Sector, one at Salem Cooperative Sugar Mills and another at Amaravathi Cooperative Sugar Mills with a capacity of 10KLPD of Extra Neutral Alcohol and 55 KLPD of Rectified Spirit are functioning.

### **(b) BIO COMPOST UNIT:**

The pressmud generated from the various mills was converted as bio compost or vermi compost and supplied to farmers for use in cane fields. The

production of bio compost in Salem Cooperative Sugar Mills Distillery during 2003-2004 is 3169 MTs and in Amaravathi Cooperative Sugar Mills Distillery is 1900 MTs. upto 31.03.2004.

**(c) VERMI COMPOST UNIT:**

The Tiruttani Cooperative Sugar Mills have produced 750 M T. of vermi compost and supplied to the growers. All the Cooperative and public Sector Sugar Mills have been advised to produce vermi compost at 100 M. T. per month.

**10. MAIN BIO CONTROL RESEARCH LABORATORY:**

The Main Bio Control Research Laboratory at Chengalpattu is a unit of Tamil Nadu Cooperative Sugar Federation. The details of production and distribution of bio fertilisers during 2001-2002, 2002-2003 and 2003-2004 are as follows:

(In Metric Tonnes)			
Name of Bio-Fertilizers	2001-2002	2002-2003	2003-2004 (upto 31.03.2004)
1	2	3	4
Accetobactor	200.000	130.000	80.000
Phosphobacterium	100.000	82.000	51.000

The materials produced and supplied by the above Research Laboratory are eco-friendly.

**11. ISO: 9001 : 2000 CERTIFICATION.**

During June 2003, the Cheyyar Cooperative Sugar Mills and Subramania Siva Cooperative Sugar Mills have been awarded the ISO: 9001 : 2000 CERTIFICATION. For obtaining the ISO: 9001 : 2000 in Salem, M.R.

Krishnamurthy Cooperative Sugar Mills and Arignar Anna Sugar Mill steps are being taken during the current year.

**AWARDS :**

For 2002-2003 season awards have been received by Salem Cooperative Sugar Mills for Cane Development activities and Subramaniya Siva Cooperative Sugar Mills for technical efficiency at national level, from National Cooperative Sugar Mills Federation, New Delhi.

**ANNEXURE - I****STATEMENT SHOWING THE COST OF PRODUCTION AND AVERAGE REALISATION OBTAINED BY CO-OPERATIVE & PUBLIC SECTOR SUGAR MILLS DURING THE ACCOUNTING YEARS, 2002-2003 AND 2003-2004 (UPTO 31.03.2004)**

		(Mill wise) (Per quintal)					
Sl No	Name of the Sugar Mills	2002-2003			2003-2004 (tentative)		
		Cost of Production Rs.	Average Realisation of open market sugar Rs.	Levy sugar price fixed by Govt. of India Rs.	Cost of Production Rs.	Average realisation of open market sugar ** Rs.	Levy Sugar price fixed by Govt. of India Rs.
<b>I. COOPERATIVE SECTOR:</b>							
1	Ambar	1465.34	1209.30	1281.91	2872.30	1187.61	1281.91
2	Amaravathy	1362.47	1193.62	1281.91	1495.66	1210.18	1281.91
3	Salem	1225.83	1200.86	1281.91	2092.46	1200.84	1281.91
4	Kallakurichi-I	1660.59	1221.88	1281.91	1590.27	1191.62	1281.91
5	National *	-	1209.43	1281.91	-	-	-
6	Dharmapuri	1280.18	1191.79	1281.91	1607.65	1185.83	1281.91
7	Vellore	1302.53	1212.52	1281.91	1572.78	1189.83	1281.91
8	Tirupattur	1403.91	1201.16	1281.91	2165.77	1184.99	1281.91
9	Chengalrayan	1254.41	1214.84	1281.91	1404.18	1204.35	1281.91
10	Tiruttani	1548.97	1227.52	1281.91	1752.45	1209.53	1281.91
11	NPKRR	1539.72	1219.85	1281.91	2300.13	1179.56	1281.91
12	MRK	1207.91	1200.54	1281.91	1314.94	1210.64	1281.91
13	Cheyar	1166.28	1206.07	1281.91	1185.01	1199.29	1281.91
14	Subramania Siva	1200.10	1192.12	1281.91	1892.97	1209.20	1281.91
15	Kallakurichi-II	1165.11	1224.75	1281.91	1425.79	1188.53	1281.91
<b>II. PUBLIC SECTOR:</b>							
1	Arignar Anna	1314.79	1190.76	1281.91	1346.66	1210.15	1281.91
2	Perambalur	1418.61	1223.63	1281.91	1873.66	1180.90	1281.91
3	Madura *						
	Average Coop. & Public Sector	1344.80	1208.27	1281.91	1743.29	1196.44	1281.91

\* Mills are not working

\*\* The above average realisation of open market sugar excludes the realisation from export of sugar.



**ANNEXURE - II**  
**DETAILS OF DAILY CRUSHING CAPACITY, CANE CRUSHED, SUGAR**  
**PRODUCED AND CAPACITY UTILISATION FOR 2002- 2003 SEASON.**

Sl. No	Name of the Sugar Mills	Daily Crushing Capacity TCD	Cane crushed (in lakh tonnes)	Sugar produced (in tonnes)	Average Recovery (%)	Capacity Utilisation (%)
<b>I. COOP. SECTOR</b>						
1.	Ambur	1400	1.89	19482	10.34	78
2.	Madurantakam	**	-	-	-	-
3.	Amaravathy	1250	1.98	20483	10.34	92
4.	Salem	2500	4.02	42233	10.51	93
5.	Kallakurichi -I	2500	3.88	36981	9.53	90
6.	National	**				
7.	Dharmapuri	2000	2.85	33061	11.61	83
8.	Vellore	2500	3.11	31539	10.15	72
9.	Tirupattur	1250	2.11	22768	10.80	98
10.	Chengalrayan	3000	4.81	46472	9.67	93
11.	Tiruttani	2500	2.77	24580	8.94	64
12.	NPKRR	3500	2.67	22660	8.46	44
13.	M.R.Krishnamurthy	2500	4.13	37770	9.18	96
14.	Cheyyar	2500	3.83	35345	9.25	89
15.	Subramania Siva	2500	3.50	39909	11.41	81
16.	Kallakurichi-II	2500	3.73	37396	10.03	87
<b>II. PUBLIC SECTOR</b>						
1.	Arignar Anna	2500	4.02	39495	9.75	93
2.	Perambalur	3000	3.51	35499	10.10	68
3.	Madura	**				
<b>Coop. &amp; Public Sectors TOTAL</b>		<b>37900</b>	<b>52.81</b>	<b>525673</b>	<b>9.96</b>	<b>81</b>
<b>III. PRIVATE SECTOR:</b>						
1.	EID Parry Nellikuppam	5000	13.73	129602	9.44	160
2.	EID Parry Pettavaithalai	2500	4.49	43610	9.71	104
3.	EID Parry Pugalur	3000	5.24	51927	9.90	102
4.	South India Sugars Mundiambakkam	3500	8.39	86340	10.29	139
5.	Ambika, Pennadam	5000	6.79	63987	9.42	79
6.	Sakthi-I, Erode	6000	7.13	70163	9.84	69
7.	Kothari, Kattur	2900	5.80	57018	9.83	116
8.	Thiru Arooran-I Kollumagudi *	2500	3.61	34511	9.56	84

9.	Ponni Sugars, Namakkal	2500	6.63	71680	10.80	154
10.	Bannariamman, Sathiyamangalam	2500	9.77	105249	10.77	227
11.	Dharani – I Dharani Nagar	2500	3.18	29453	9.26	74
12.	Sakthi-II Sivaganga	2500	5.34	51992	9.74	124
13.	Rajshree Sugars Theni	2500	5.90	61782	10.47	137
14.	Thiru Arooran-II Thirumandankudi	5000	7.30	69356	9.51	85
15.	S.V. Sugars Kancheepuram	2500	3.89	36471	9.37	90
16.	Dharani-II, Polur	2500	3.48	33060	9.50	81
17.	Ambika-II, Tugili	2500	4.45	41190	9.25	103
18.	EID Parry Aranthangi	2500	6.08	59036	9.71	141
19.	Arunachalam Sugars Thiruvannamalai	2500	2.35	21143	9.05	55
<b>PRIVATE SECTOR TOTAL</b>		<b>60400</b>	<b>113.55</b>	<b>1117570</b>	<b>9.83</b>	<b>109</b>
<b>STATE TOTAL</b>		<b>98300</b>	<b>166.36</b>	<b>1643243</b>	<b>9.87</b>	<b>98</b>

\*\* crushing not commenced due to poor cane availability.

**ANNEXURE - III**  
**DETAILS OF SHARE CAPITAL INVESTED AND NUMBER OF SHARE**  
**HOLDERS IN CO-OPERATIVE AND PUBLIC SECTOR SUGAR MILLS AS ON**  
**31.3.2004**

Sl. No.	Name of the mills	SHARE HOLDERS			SHARE CAPITAL		
		Members	Government	Total	Members	Government	Total
1	2	3	4	5	6	8	10
<b>CO-OP. SECTOR</b>		(Rs. in lakhs)					
1.	Ambur	29744	1	29745	157.83	10.00	167.83
2.	Amaravathy	14799	1	14800	324.76	25.00	349.76
3.	Salem	27717	1	27718	417.53	30.32	447.85
4.	Madurantakam	20423	1	20424	298.83	44.72	343.55
5.	Kallakurichi I	36157	1	36158	1151.07	165.32	1316.39
6.	National	24627	1	24628	491.34	49.21	540.55
7.	Dharmapuri	30580	1	30581	310.59	13.07	323.66
8.	Tirupattur	29662	1	29623	188.74	333.44	522.18
9.	Vellore	24488	1	24489	426.94	191.08	618.02
10.	Chengalrayan	37703	1	37704	975.63	171.16	1146.79
11.	Tiruttani	24013	1	24014	601.85	323.15	925.00
12.	N.P.K.R.R.	16325	1	16326	669.16	390.35	1059.51
13.	M.R.K.	21360	1	21361	734.70	778.78	1513.48
14.	Cheyyar	25758	1	25759	894.07	745.75	1639.82
15.	Subramania Siva	29978	1	29979	631.61	1128.75	1760.36
16.	Kallakurichi - II	18572	1	18573	878.18	1332.50	2210.68
17.	Gummidipoondi	1960	1	1961	40.90	700.00	740.90
<b>Sub Total</b>		<b>413826</b>	<b>17</b>	<b>413843</b>	<b>9193.73</b>	<b>6432.60</b>	<b>15626.33</b>
<b>PUBLIC SECTOR</b>							
1.	Arignar Anna	16105	7	16112	100.00	154.10	254.10
2.	Madura *	0	0	0	0.00	368.05	368.05
3.	Perambalur	20599	1	20600	190.60	**226.75	417.35
<b>Sub Total</b>		<b>36704</b>	<b>8</b>	<b>36712</b>	<b>290.60</b>	<b>748.90</b>	<b>1039.50</b>
<b>Grand Total</b>		<b>450530</b>	<b>25</b>	<b>450555</b>	<b>9484.33</b>	<b>7181.50</b>	<b>16665.83</b>

\* Under the control of Tamil Nadu Sugar Corporation

\*\* Includes investment of Rs.69.75 lakhs made by Tamil Nadu Sugar Corporation Limited

## ANNEXURE - IV

**ESTIMATE OF CANE TO BE CRUSHED, SUGAR PRODUCTION, SUGAR RECOVERY AND CAPACITY UTILISATION FOR 2004-2005 CRUSHING SEASON**

Sl. No	Name of the Sugar Mills	Tonnes crushing per day	Cane crush (in L.Mts.)	Sugar production (in L.Mts.)	Recovery (%)	Capacity Utilisation
I.	CO.OP. SECTOR					
1	Chengalrayan	3000	5.16	0.52	10.17	100
2	M.R.K.	2500	4.09	0.39	9.56	95
3	Kallakurichi I	2500	3.90	0.38	9.72	91
4	Cheyar	2500	3.50	0.36	10.16	81
5	Kallakurichi-II	2500	3.50	0.35	9.94	81
6	Amaravathi	1250	1.50	0.14	9.38	70
7	Vellore	2500	2.50	0.26	10.56	58
8	Tiruttani	2500	2.50	0.22	8.86	58
9	Tirupattur	1250	1.08	0.12	10.97	50
10	Ambur	1400	1.00	0.10	10.20	42
11	Salem	2500	1.70	0.16	9.66	40
12	Subramaniya Siva	2500	1.30	0.14	10.41	30
13	Dharmapuri	2000	1.00	0.11	11.35	29
14	N.P.K.R.R.	3500	1.50	0.13	8.51	25
	TOTAL(A)	<b>32400</b>	<b>34.23</b>	<b>3.39</b>	<b>9.89</b>	<b>61</b>
II	PUBLIC SECTOR					
15	Arignar Anna	2500	4.30	0.44	10.21	100
16	Perambalur	3000	2.07	0.20	9.74	40
	TOTAL (B)	<b>5500</b>	<b>6.37</b>	<b>0.64</b>	<b>10.06</b>	<b>67</b>
	TOTAL (A) + (B)	<b>37900</b>	<b>40.60</b>	<b>4.03</b>	<b>9.92</b>	<b>62</b>

Sl. No	Name of the Sugar Mills	Tonnes crushing per day	Cane crush (in L.Mts.)	Sugar production (in L.Mts.)	Recovery (%)	Capacity Utilisation
I.	PRIVATE SECTOR					
17	E.I.D. Parry, Nellikuppam	5000	10.00	0.95	9.48	116
18	E.I.D.Parry (Aranthangi)	2500	5.00	0.51	10.17	116
19	Rajshree Sugars-II	3500	6.00	0.63	10.57	100
20	Kothari	2900	4.00	0.41	10.26	80
21	S.V.Sugars	2500	3.00	0.28	9.40	70
22	Ponni	2500	2.80	0.29	10.37	65
23	Ambika –II (Kottur)	2500	2.75	0.27	9.92	64
24	Ambika (Pennadam)	5000	5.00	0.52	10.47	58
25	Rajshree Sugars-I	2500	2.15	0.22	10.36	50
26	Thiru Arooran-II	5000	4.00	0.40	9.95	47
27	Thiru Arooran-I (A.Chittoor)	2500	1.50	0.13	8.99	35
28	Sakthi (Sivaganga)	2500	1.50	0.16	10.52	35
29	Dharani-II (Polur)	2500	1.50	0.14	9.49	35
30	Dharani-I	2500	1.40	0.14	9.67	33
31	Bannariamman	2500	1.20	0.13	10.43	28
32	E.I.D.Parry (Pettavaithalai)	2500	1.10	0.12	10.64	26
33	Sakthi-I (Sakthi Nagar)	6000	2.50	0.25	9.80	24
34	E.I.D.Parry, Pugalur	3000	1.10	0.10	9.17	21
35	Arunachalam	2500	0.00	0.00	0.00	0
	<b>TOTAL</b>	<b>60400</b>	<b>56.5</b>	<b>5.65</b>	<b>10.00</b>	<b>54</b>

## **DEPARTMENT OF GEOLOGY AND MINING**

\*\*\*\*\*

A State's economic prosperity depends substantially on its mineral wealth, which has to be judiciously exploited. In the exploitation of mineral, environmental protection and mineral conservation have to be given due weightage. The Department of Geology and Mining operates in the spheres of mineral administration, mineral exploration and promotional venture. It is driven by its Mission Statement "To undertake / facilitate scientific exploration, optimal exploitation, judicious conservation and revenue maximization in an industry eco and citizen friendly policy frame work".

### **I. Mineral Administration:**

1) The Department has a presence in all the Districts of the State through its District offices who assist the District Collectors in mineral administration. These field officers work under the over all supervision of the Commissioner of Geology and Mining.

2) The mineral administration covers the grant of mineral concession in accordance with relevant Act and Rules. The mineral administration includes regulation of mining operations, collection of royalty, seigniorage fee, prevention of illicit quarrying and transportation of minerals.

3) The various Acts and Rules governing the grant of mining leases are:-

- a. Mines Act, 1952
- b. The Mines Rules 1955
- c. Mines and Minerals (Development and Regulation) Act, 1957

- d. Tamil Nadu Minor Mineral Concession, 1959
- e. Mineral Concession Rules, 1960
- f. Metalliferous Mines Regulations, 1961
- g. The Forest (Conservation) Act, 1980
- h. The Forest (Conservation) Rules, 1981
- i. Mineral Conservation and Development Rules, 1988
- j. Granite Conservation and Development Rules, 1999.

## **II. Mineral Exploration:**

1. The Department of Geology and Mining is carrying out evaluation of various mineral deposits of strategic economic importance by adopting both conventional and modern methods of exploration. In addition to the above, Geo-Technical Studies are also carried out for protecting the environment, ecology of the hilly tract of the state in order to strike a balance between preserving the ecosystem of the hilly tract and development activities. The detailed landslide studies made in the hilly tracts are of great social significance, in planning of development activities and protection of environment.

2. The details of progress and achievement made under various schemes are detailed below:-

### **i) Investigation of Limestone**

Government vide G.O.2(D)No.22, Industries Department, dated 13.6.2003 have sanctioned a scheme for reappraisal of limestone deposits in Southern and Western districts of Tamil Nadu for a period of five years. The

exploration work has been commenced with simultaneous mapping, sampling, drilling and analysis.

**ii) Geo- Technical Studies in the Nilgiris Districts**

Geo-Technical Cell, at Coonoor is continuing Geo-Technical Studies to identify areas which are prone for landslides and clearances of suitable sites for developmental activities. During the year 2003-2004 clearances for 463 sites were accorded.

**iii) Geo-Technical Studies in Kodaikanal and Palani Hill areas:**

The Geo-Technical Cell, at Dindigul is conducting Geological, Geo-Technical and Morphological studies in Kodaikanal and Palani hill ranges in a phased manner . An area of 100 square Kms has been covered under Phase-V to facilitate to preparation of zonation maps for Kodaikanal and Palani hills.

**iv) Resource Assessment of Export worthy granite deposits in**

**Salem and Dharmapuri Districts:-**

During 2003-2004 an extent of 429.86.0 hectares have been covered by mapping for delineating the granite deposits in Valapadi, Mettur Taluks in Salem District.

**v) Establishment of Geographical Information System (GIS)**

A GIS Laboratory established at the head office in the year 2003-2004 is functional and it is proposed to further ramp up this laboratory with latest hardware and software.



### **vi) Promotional role**

The Department has successfully participated in the following National / International events.

- i. The 19<sup>th</sup> World Mining Congress and Expo 2003 held at New Delhi.
- ii. The 6<sup>th</sup> edition of Stona 2004 held at Bangalore.
- iii. The first edition of Stone Fair 2004 at Hyderabad.
- iv. 67th Annual Session and International Ceramic Congress at Chennai.
- v. First International Exhibition and Conference on Building materials and Construction Technology at New Delhi.

### **Revenue Receipts:**

The sizeable revenue earned by the Department of Geology and Mining is a major contributor to the State Exchequer. There is a progressive and steady increase in over the years. In the year 2003-2004 the Department has earned revenue of Rs.474.81 Crores (*Tvl Neyveli Lignite Corporation have remitted Rs.250 crores as advance royalty for Lignite during year 2000-2001. The revenue for the period 2000-01, 2001-02, 2002-03 and 2003-04 is inclusive of Rs.6.05 crores, Rs.91.84 crores, 90.19 and 58.97 crores respectively towards the amount adjusted from the advance royalty of this Rs.250 Crores and inclusive of Rs.108.61 crores remitted by PWD towards sand sale proceeds*) from the mineral Sector.

**TABLE - 1****(Rupees in Thousands)**

Details of Plan	Budget Estimate 2003-2004	Revised Estimate 2003-2004	Budget Estimate 2004-2005
Plan	4570	3650	4322
Non Plan	40754	39933	43392
<b>Total</b>	<b>45324</b>	<b>43583</b>	<b>47714</b>

**TABLE - 2**  
**THE SCHEMewise ALLOCATION OF FUNDS FOR THE YEAR 2003-2004**  
**AND 2004-2005 ARE AS FOLLOWS:**

(Rupees in Thousands)

Details of Plan		Budget Estimate 2003-2004	Revised Estimate 2003-2004	Budget Estimate 2004-2005
<b>I. NON PLAN</b>				
<b>A)</b>	GEOLOGY DIRECTORATE <b>2853-02-101-AA</b>	11434	13705	15187
<b>B)</b>	TAMIL NADU MINERAL DEVELOPMENT PROJECT <b>2853-02-102-AA</b>	8823	8770	8847
<b>C)</b>	DISTRICT ADMINISTRATION <b>2853-02-101-AC</b>	20483	17450	19348
<b>D)</b>	GEOPHYSICAL AND GEOCHEMICAL <b>2853-02-102-AC</b>	14	8	10
<b>TOTAL</b>		<b>40754</b>	<b>39933</b>	<b>43392</b>
<b>II. PLAN SCHEMES</b>				
<b>II.(a)</b>	HADP Geo-Technical Cell <b>2551-60-111-JA</b>	1451	1142	885
<b>II.(b)</b>	PART-II SCHEMES <b>2853-02-101- JA</b>	3119	2508	682
<b>II.(c)</b>	PART-II SCHEMES <b>2853-02-101- JE</b>	NIL	NIL	2755
<b>TOTAL</b>		<b>4570</b>	<b>3650</b>	<b>4322</b>

**TABLE - 3**  
**MINES AND MINERALS FINANCIAL STATEMENT 2003-2004 AND 2004-2005**

Head of Account		Budget Estimate 2003-2004		Revised Estimate 2003-2004		Budget Estimate 2004-2005	
		Non Plan	Plan	Non Plan	Plan	Non Plan	Plan
<b>01. Salaries:</b>		<b>(Rupees in Thousands)</b>					
01	Pay	20859	1114	21508	583	22368	606
02	MA	140	5	97	4	100	4
03	MC	140	1	140	1	140	1
04	OA	799	16	75	30	75	32
06	HRA	1753	43	1700	34	1785	38
07	TC	152	7	100	5	100	5
08	CCA	354	--	389	0	408	
<b>02</b>	<b>Wages</b>	179	165	179	164	179	173
<b>03</b>	<b>Dearness Allowance</b>	12724	679	11184	303	13197	358
<b>04</b>	<b>Travel Expenses</b>						
01	Tour Travel	1113	25	1113	25	1113	25
02	Transfer Travel	43	4	43	4	43	4
<b>05</b>	<b>Office Expenses</b>						
01	Telephone Charges	288	16	400	15	400	18
02	Other Contingencies	370	56	370	55	370	60
03	Electricity Charges	350	12	477	10	498	10
<b>06</b>	<b>Rent, Rate and Taxes</b>	241	150	291	150	294	153
<b>08</b>	<b>Advertisement &amp; Publicity</b>	361		361		361	
<b>16</b>	<b>Major Works</b>	1		1		1	
<b>17</b>	<b>Minor works</b>	30		30		1032	
<b>18</b>	<b>Maintenance</b>	15		15		16	
<b>19</b>	<b>Machinery &amp; Equipment's</b>						
01	Purchase		1500		1500		350
02	Renewal & Replacement	54		54		54	
03	Maintenance	13	19	13	19	13	19
<b>21</b>	<b>Motor Vehicle</b>						
01	Purchase		500		500		
02	Maintenance	45	3	45	3	45	3
<b>24</b>	<b>Materials &amp; Supplies</b>	67	200	67	200	67	65
<b>33</b>	<b>PPS</b>						
01	Pleaders fees	97		300		99	60
02	Remuneration	0		400		51	
<b>34</b>	<b>Other Charges</b>	34		34		36	
<b>45</b>	<b>Petroleum, Oil &amp; Lubricants</b>	519	55	519	45	519	58
<b>49</b>	<b>Festival Advance</b>	366	9	365	7	365	7
<b>51</b>	<b>Compensation</b>	1		1		1	
<b>59</b>	<b>Prizes and Awards</b>	2		2		2	
<b>72</b>	<b>Training</b>	10		25		25	
<b>76</b>	<b>Computer and Accessories</b>						
01	Purchase						2280
<b>77</b>	<b>Deduct Recoveries</b>	-366	-9	-365	-7	-365	-7
	<b>Total</b>	<b>40754</b>	<b>4570</b>	<b>39933</b>	<b>3650</b>	<b>43392</b>	<b>4322</b>

## **DEPARTMENT OF INDUSTRIES & COMMERCE**

1. The Director of Industries and Commerce is entrusted with the responsibility of formulation and implementation of schemes and programmes for generating and accelerating the growth of industries in general and small scale industries in particular in the State.
2. As far as Major Industries are concerned, the Department of Industries and Commerce is playing the vital role of disbursing Government assistance in the form of capital subsidies, share capital assistance, loans, compensation for land acquisition, ways and means advances, etc. sanctioned to various Government corporations and undertakings and also watching the recoveries.
3. Further, the Department of Industries and Commerce processes the applications preferred by industrial units for issue of licenses under the Industrial Development and Regulation Act, 1951 and recommends eligible cases to Government of India. It is also monitoring the implementation of the Industrial Entrepreneurs Memoranda (IEM) filed by entrepreneurs, duly providing necessary Escort Service for getting various statutory clearances early from Government departments.
4. State Board of Salt and Allied Chemicals, a constituent of the Department of Industries and Commerce, is conducting preliminary surveys and investigations for setting up of major salt works in the State and also for expansion of production capacity of the existing salt factories.