

CHAPTER- XV

INDUSTRY AND MINING

15.1.0. Assam continue to make efforts for gearing up industrial activities with a view to create a strong industrial base by harnessing the un-tapped resources available in the State through various growth inducing factors besides taking steps for removal of existing infrastructure inadequacies. The Industries and Commerce Department of the State as well as some other agencies like AIDC are closely associated with implementation of various promotional schemes meant for industrial development of the State. Despite various constraints a favourable industrial climate is gradually being created in the State as discernible from the increasing interest shown by investors of the State as well as from outside. The Index of Industrial Production in the State moved up to 141.45 in 2003-04 from 132.37 in 2002-03. The contribution of Manufacturing sector to the total economy was 7.4 per cent at current prices in 2003-04 which is however, not much encouraging.

NEW INDUSTRIAL POLICY FOR THE STATE :

15.1.1. The Industrial Policy of Assam, 2003 has been formulated in the light of the experience of implementation of the Industrial Policies of 1982, 1986, 1991 and 1997.

The Industrial Policy of Assam, 2003 is formulated to achieve the following aims and objectives.

1. To increase the share of the Industrial sector to the State Domestic Product (SDP) from the present level of 13.29 percent to a level of at least 18 percent at the end of the terminal year of the policy.
2. To generate more employment opportunities in the State.
3. To ensure development of adequate and appropriate infrastructures for industrial growth.
4. To make Assam one of the preferred destinations for investment for outside investors.
5. To encourage private investment in industrial infrastructure projects.
6. To ensure industrial development in hitherto industrially backward regions of the State.
7. To create avenues for sustained growth and development of the Small Scale and Tiny sectors.
8. To catalyse administrative and legal reforms with a view to simplify the procedure and to ensure time bound disposal of matters.
9. To take steps to promote rural handicrafts so as to conserve and enrich cultural heritage, traditions and customs of the State.
10. To promote establishment of medium and large-scale mother industries to create an industrial base, offering large-scale employment opportunities through backward and forward linkages.
11. To promote Information Technology, high-tech, knowledge based and biotech industries.
12. To promote export oriented industrial units.
13. To take steps to revive the potentially viable sick Public Sector Undertaking and to make the Public Sector Undertakings economically viable.
14. To provide Single Window Clearance of industrial proposal.

The policy has been made effective from 1st October 2003 and will be valid for a period of five years, i.e. upto 30th September 2008 unless modified / terminated earlier.

INDUSTRIAL PRODUCTION OF SOME SELECTED INDUSTRIES IN ASSAM:

15.5.0. The performance of manufacturing and processing sector of the State has not been much encouraging in the scenario of State's economy. The contribution of this sector to the total NSDP has been estimated at 7.4 per cent at current prices and 7.2 per cent at Constant (1993-94) prices during 2003-04 (Quick Estimates). The Index of Industrial Production has moved upto 141.45 in 2003-04 from 132.37 in 2002-03. The production of some selected items of the State for the last two years may be seen at Tab-15.1.

Item	Unit	2002-03	2003-04
1	2	3	4
1. Tea	Thousand tonnes	438.9	454.1
2. Wheat Flour	-do-	94	174
3. Coal	-do-	629	738
4. Jute Textiles	Tonnes	7285	7291
5. Petroleum Crude	Thousand tonnes	4746	4571
6. Cement	-do-	313	336
7. Fertilizer	Thousand M.T.	186.5	240.6

Source: Tea- Tea Board of India. Minerals-Indian Bureau of Mines, Nagpur. Others-Individual Industrial Unit

INDUSTRIAL ESTATE AND INDUSTRIAL GROWTH CENTRE :

15.3.0. There are 15 Nos. of Industrial Estates and 7 Nos. of Growth Centres under the Department of Industries and Commerce, Assam. The total number of sheds constructed in the Industrial Estates are 407 and the number of sheds functioning are 272 out of 371 sheds occupied till 2003-04.

SMALL SCALE INDUSTRIAL UNITS (SSI) :

15.4.0. The Small Scale Industries has a vital role in the process of industrialization of the State. There are 46,496 SSI units in Assam employing about 2 lakh persons till the year 2003. The Table-15.2 shows the numbers of new units of various types of industries established during the last three years.

Items	2001	2002	2003
1	2	3	4
1. Agro Based	294	303	328
2. Forest Based	296	271	337
3. Textile Based	850	317	645
4. Chemical Based	79	108	52
5. Engineering Based	305	617	379
6. Electronic Based	26	22	21
7. Mineral Based	103	132	105
8. Miscellaneous	854	584	400
Total	2807	2354	2267

Source: Directorate of Industries and Commerce, Assam.

PRIME MINISTER ROJGAR YOJANA (PMRY) :

15.5.0. The Prime Minister Rojgar Yojana is a Scheme of Central Government implemented in the State to encourage the unemployed youths for establishment of Small-Scale Industries, which in turn help in generation of employment and industrialisation. The scheme is being executed by State Department of Industries and Commerce. During the year 2003-2004 a total of 10151 Nos. of applications were sanctioned and out of these loan disbursed to 6948 Nos. of applicants. The employment created among the unemployed youth was 10457 and 7,102 Nos. in 2002-03 and 2003-04 respectively. The following table gives an idea about the performance of PMRY scheme in the State during the last few years.

TABLE- 15.3
PERFORMANCE OF PMRY FOR LAST FIVE YEARS IN ASSAM

Particular		1999-2000	2000-01	2001-02	2002-03	2003-04
1		2	3	4	5	6
1.	Target	12800	6600	6600	15000	N.A.
2.	Application received	69171	28651	27087	27898	N.A.
3.	Recommended	17863	11394	10985	18187	N.A.
4.	Sanctioned	9411	4868	5359	9802	10151
5.	No. of cases to whom loan disbursed	7567	3789	3988	7017	6948
6.	Amount of loan sanction (Rs. in lakh)	7296.28	3977.90	4198.62	7552.85	7595.21
7.	Amount of loan disbursed (Rs. in lakh)	4161.85	2882.93	2674.72	5033.05	4745.30

* Final Report for the year 2003-04 still under collection.

Source : Directorate of Industries and Commerce, Assam.

15.6.0. Some developmental activities undertaken by the State Government as well as the Central Government in industrial sectors, through the Department of Industries and Commerce, in various fronts are briefly discussed in the following paragraphs.

- ❖ The department has proposed to set up 25 numbers of model commercial estate one in each district town with additional two numbers in the district of Kamrup. The estimated cost for each commercial estate to the extent of Rs.10.00 lakh. The work will be completed in phase manner and during the current financial year 8 numbers commercial estate would be taken up.
- ❖ The department under the Scheme for Promotion of Industrialisation in North East (SPINE) under NEC has forwarded 12 numbers of cases amounting to Rs.16.76 crores. Out of which one number has received sanction from NEC, Shillong.
- ❖ The export promotional industrial park in Amingaon has been made effective with 27 numbers of units becoming fully functional providing direct employment to about 700 persons. Another 22 units are at project implementation stage and expected to provide direct employment to 1250 persons and indirect employment to 6000 persons.
- ❖ The State Government had also announced the new Industrial Policy 2003. Moreover, to wipe out the committed liabilities under the previous policies the Government had provided 687.99 lakh and has made provisions for an amount of Rs.471.00 lakh in the current year budget.
- ❖ Works for a Food Processing Industrial Park at Chaygaon (project cost Rs.595 lakh) in Kamrup district has started.
- ❖ The State Government has also forwarded 22 numbers of proposals for assistance under Central Govt. Scheme and 9 numbers has already been sanctioned by the Ministry of Food Processing involving Rs.325.99 lakh. Also EDP has been conducted in all DI&CCs to apprise about the incentives offered by Ministry of Food Processing, Govt. of India.
- ❖ Substantial progress has been achieved in setting up Industrial Exhibition and Trade Centre with a project cost of Rs.13.40 crores at the outskirts of Guwahati.
- ❖ Works for the International Border Trade Centre at Sutarkandi is at an advanced stage of completion. Works for International Border Trade Centre at Mancachar is in progress. Various initiatives were taken to improve trade and commerce with Bangladesh.
- ❖ The city Centre of the Tool Room and the Training Centre, Guwahati is functioning and the permanent building is at an advanced stage of completion with a project cost of Rs.13.98 crores. Training to the entrepreneurs is also started in the permanent building of TRTC.
- ❖ The department has also taken up a scheme of Rural Industrial Facilitation Growth Centre where in infrastructure will percolate to the block level. The scheme has been approved by Government and will be launched very shortly.

REGISTERED FACTORY :

15.7.0. As per information available from office of the Chief Inspector of Factories, Assam, 162 Nos. of new factories were registered in the State under the Factory Registration Act during the year 2003-04. Thus the total Nos. of Registered Factories in the State stood at 2760 at the end of 2003-04 against 2695 in 2002-03. The target and achievement of the State Inspectorate of Factories for the last few years are furnished in the Table-15.4 while Table-15.5 shows the trend of registered factories and their employment in Assam.

Name of Items	2001-02		2002-03		2003-04	
	Target	Achievement	Target	Achievement	Target	Achievement
1	2	3	4	5	6	7
1. Registration of new Factories (In Nos.)	110	128	110	97	110	162
2. Revenue collection (Rs. in lakh)	51.00	52.49	53.00	52.97	100.00	62.22
3. Detection of un-registered Factories (In Nos.)	50	190	100	77	100	81
4. Prevention of Industrial accidents (In percent)	50	26	55	30	70	45
5. Monitoring of work of environment (In Nos.)	10	8	14	12	15	11
Source : Office of the Chief Inspector of Factories, Assam.						

TABLE-15.5

NUMBER OF REGISTERED FACTORIES AND EMPLOYMENT

Year	Number of Factories	Average Number of Daily Workers
1	2	3
1999	2307	98570
2000	2406	108070
2001	2512	98862
2002-03	2695	96031
2003-04	2760	94473
Source : Office of the Chief Inspector of Factories, Assam.		

Data available on District-wise distribution of Registered Factories reveal that during 2003, the undivided Kamrup District had the highest number of 623 factories with 12,068 workers as against 573 factories with 11,948 workers in the previous year while the Dhemaji District had the lowest i.e. 3 nos. of factories with 52 workers during the year. The District-wise distribution of Registered Factories and average Daily Number of employment in the State for the year 2003 is furnished at the Appendix.

ANNUAL SURVEY OF INDUSTRIES (ASI) :

15.8.0 The Annual Survey of Industries provides some basic characteristics of the industries under manufacturing sector. The ASI results of 2002-03 (Provisional) reveals that Assam have 1533 Nos. of functioning Registered Factories with an employment of 111058 persons against 1423 Nos. of Factories with 111030 employees during the previous year. The results also show that the value of output have increased by Rs.4018 crore during the year 2002-03 over the level of the previous year. The net income by factories for the State was Rs.2216.73 crore in 2002-03 as against Rs.774.20 crore during 2001-02. The Table-15.6 shows some basic characteristics of Annual Survey of Industries in Assam for last four years.

TABLE-15.6
SOME PRINCIPAL CHARACTERISTICS OF
ANNUAL SURVEY OF INDUSTRIES IN ASSAM

Item	Unit	1999-2000	2000-01	2001-02	2002-03
1	2	3	4	5	6
1. Factories	Nos.	1648	1435	1423	1533
2. Fixed Capital	Rs. in lakh	247618	554998	361737	596543
3. Working Capital	Rs. in lakh	135880	129753	81710	137282
4. Invested Capital	Rs. in lakh	385504	730873	505381	790402
5. Total Employees	Numbers	113916	112542	111030	111058
6. Value of Output	Rs. in lakh	777592	874596	802278	1204070
7. Net Fixed Capital Formation	Rs. in lakh	11353	N. A.	N. A.	1370
8. Net Value Added	Rs. in lakh	169797	128842	96860	253882
9. Income	Rs. in lakh	152145	101913	77420	221673

Source: Annual Survey of Industries, C. S. O. Government of India.

SERICULTURE:

15.9.0. Sericulture is one of the most important agro-based labour intensive traditional rural industries of the State comprising culture of different varieties of silkworm. Rearing of Eri, Muga and Mulberry silk worm are playing an important role in the economic development of a large section of rural population of the State since about 1.85 lakh families of 9173 Nos. of sericulture villages are directly or indirectly involved with these culture. It is reported that the State has produce 94 M. T. of Muga Silk and 489 M. T. of Eri Cut cocoon and 9 M.T. of Mulberry Raw Silk during 2003-04. The Oak Tasar Silk Worm rearing has been developed in the State and is now being practiced in the two hill districts. Assam has monopoly in production of Golden Silk in the world as about 99 percent of Muga Silk is produced in Assam.

The total area under Silk Worm Food Plants are 19241 hectares in 2003-04 against 16225 hectares in 2002-03. The production of Silk Yarn was 592 M.T. and 585 M.T. in 2003-04 and 2002-03 respectively. The following table shows some statistics of sericultural activities in Assam during 2002-03 and 2003-04.

TABLE-15.7		
SERICULTURAL ACTIVITIES IN ASSAM DURING 2002-03 AND 2003-04		
Item	2002-03	2003-04
1	2	3
1. Sericultural Villages (Nos.)	9098	9173
2. No. of Families Engaged	185291	185291
3. Area under Silk Worm food Plants (In Hectares)	16225	19241
3.1 Eri	6317	7948
3.2 Muga	5746	6755
3.3 Mulberry	4152	4538
4. Yield of Cocoons		
4.1 Eri cut Cocoons (in MT)	635	652.23
4.2 Muga Cocoons (in thousand Nos.)	470000	470500
4.3 Mulberry Reeling Cocoons (in MT)	170.55	70.16
5. Production of Silk Yarn (in Kg.)	585.19	592.16
5.1 Eri Raw Silk	476.25	489.00
5.2 Muga Raw Silk	93.94	94.09
5.3 Mulberry Raw Silk	15.00	9.07

Source : Directorate of Sericulture, Assam.

HANDLOOM:

15.10.0. The Handloom Industry in the State of Assam has a long tradition in the socio-economic life of the people for supplementing the family income to a great extent and self-employment opportunities to lakhs of people of poor and down trodden section of the society. The Directorate of Handloom and Textiles, Assam is looking after the activities of this sector. The Department is also implementing the scheme viz. the Deen Dayal Hathkargha Protsahan Yojana which was introduced in the year 2000-01 by the Government of India in place of Project Package Scheme throughout the State to take care of a wide gamut of activities such as Product Development, Infrastructure Support, Institutional Support, Training to Weavers, Supply of Equipments & Marketing Support etc. both at macro & micro level in an integrated and co-ordinated manner.

For the development of Handloom Sector of the State the Directorate has been implementing Health Package Scheme, Rural Work Shed cum Housing Scheme and Integrated Handloom Village Development Programme, Scheme for Marketing Handloom Products through Exhibition and Fairs, Development of Exportable Products and their Marketing Scheme sponsored by Government of India to increase production, marketing employment, earning etc. The Directorate is also implementing State Sectoral Plan Scheme for Production of Handloom Fabrics, Training Programme, District Development Scheme, Regional Development Scheme, Publicity and Advertisement, Development Scheme of Co-operative Societies and assistance to 4 nos. Autonomous Councils.

The Physical and Financial achievements made by the Directorate of Handloom and Textiles, Assam during 2002-03 to 2003-04 under different schemes are shown as below-

A) Centrally Sponsored Scheme		Financial involvement (Rs. in lakh)	Physical achievement
i)	Health Package Scheme	65.00	15,900 Nos. of Weavers
ii)	Workshed-cum-Housing	Nil	Nil
iii)	Integrated Handloom Village Development Programme	Nil	Nil
iv)	Margin Money Assistance to Destitute Weavers	Nil	Nil
v)	Scheme for Support to Training and Employment Programme of women (STEP)	1526.09	20,000 Women Weavers
vi)	Deen Dayal Hathkargha Protsahan Yojana (DDHPY)	316.97	5,650 Weavers
vii)	Project Package Scheme	221.54	1,842 Weavers

B) State Sectoral Scheme		Target		Achievement	
		2002-03	2003-04	2002-03	2003-04
1)	Production of Handloom Fabric				
	(i) Production (in mm sq. mtr.)	107.00	102.82	101.00	214.17
	(ii) Employment (in 000' Nos.)	192	191	190	190
2)	Training Programme				
	(i) Artisan trained under Certificate Course (in Nos.)	465	465	465	465
	(ii) Artisan trained under Diploma Course (in Nos.)	97	97	97	97
3)	District Development Scheme				
	Supply of loom & accessories @ Rs.3500.00 (in Nos.)	2080	205	2382	827
4)	Regional Development Scheme (In Nos.)	2	2	2	2
5)	Assistance to 4 Nos. Autonomous Council				
	Supply of loom and accessories @Rs.3500/-(in Nos.)	4276	3135	1156	618
6)	Publicity & Advertisement (in Nos.)	4	1	6	4

The Physical and Financial Achievement during 2003-04				
		Physical Target	Physical Achievement	Financial Involvement (Rs. in lakh)
1)	Production of Handloom Fabric			
	a) Production in mm sq. mtr.	109.00	101.00	214.17
	b) Employment in '000 Nos.	192	185	113.48
2)	Training Programme			
	a) Artisan to be trained (In Nos.)	465	467	113.48
	b) Artisan higher trained (In Nos.)	97	97	
3)	District Development Scheme Supply of Loom & Accessories @ Rs.3500.00 (In Nos.)	2383	522	18.26
4)	Assistance to 3 Nos. Autonomous Council Supply of Loom & Accessories @ Rs.3500.00 (In Nos.)	2727	618	21.64

KHADI AND VILLAGE INDUSTRIES (KVI) :

15.11.0 With a view to generate rural employment and to uplift the rural economy, various Khadi and Village Industries are being promoted in the State by the Assam Khadi and Villages Industries Board since the establishment of the Board in the year, 1953, with the financial support from the Khadi and Village Industries Commission (KVIC), Government of India. The activities of Khadi and Village Industries in the State are briefly narrated below:

(i) Activities Under Khadi :

15.11.1. There are 55 Nos. of Khadi Production Centres, 57 Nos. Sub-Khadi Production Centres in rural and remote areas of the both Plains and Hill Districts of the State. In these Centres spinning of yarn (Cotton, Muga and Eri) and weaving of Cloth (Cotton, Muga, Eri and Pat) are by the local Spinners and Weavers and earn their wages as much as the work as per norms of Khadi and Village Industries Commission. The Target and achievement of Khadi for last three years are shown at Table below.

TABLE-15.8
ACHIEVEMENT OF KHADI IN PRODUCTION AND EMPLOYMENT IN ASSAM

Year	Production (Rs. in lakh)		Employment (In Nos.)	
	Target	Achievement	Target	Achievement
1	2	3	4	5
2001-2002	268.59	81.79	15,500	11,315
2002-2003	268.59	74.76	-	11,315
2003-2004	268.59	54.09	-	2,491

Source : Khadi and Village Industries Board, Assam.

(ii) Activities under Village Industries :

15.11.2. The Assam Khadi and Village Industries Board has been undertaking the following activities throughout the State for development of village industries sector.

- | | |
|------------------------------------|------------------------------------|
| 1. Ghani Oil | 2. Non Edible Oil & Soap |
| 3. Hand Made Paper | 4. Cottage Match |
| 5. Village Leather | 6. Gur Khandchari |
| 7. Fibre | 8. Village Pottery |
| 9. Processing of Cereal and Pulses | 10. Fruit and Vegetable Processing |
| 11. Cane and Bamboo | 12. Medicinal Plant |
| 13. Carpentry & Blacksmithy | 14. Bee-Keeping |
| 15. Agarbatti | 16. Lime |

The achievement of village industries in Production and Employment for last three years shown at the following table.

Year	Production (Rs. in lakh)		Employment (Nos.)	
	Target	Achievement	Target	Achievement
1	2	3	4	5
2000-2001	3000.00	2521.96	90,000	88,360
2001-2002	4205.58	2851.08	93,314	83,061
2002-2003	3405.06	3234.22	-	77,733

Source : Khadi and Village Industries Board, Assam.

Under Village Industries Sector, the Board has assisted some units viz Registered Co-operative Societies, Registered Institutions and Individuals for setting up of various Village Industrial Units. The achievement of above assisted units for last two years are shown at the table below:

Year	Production (Rs. in lakh)		Employment (Nos.)
	Target	Achievement	
1	2	3	4
002-2003	3870.54	2236.19	53530
003-2004	3870.54	2409.24	53465

iii) Marketing of Khadi and Village Industries Board :

15.11.3. For marketing of various Khadi and Village Industries products, the Board has a Central Store at its Headquarters Complex and 57 Nos. of Khadi Gramodyog Bhandar throughout the State including one at Kolkata. The Khadi and Village Industries products sold during 2002-03 and 2003-04 are shown at Table-15.11.

Year	Khadi			Village Industry		
	Retail Sale	Wholesale	Govt. Supply	Retail Sale	Wholesale	Govt. Supply
1	2	3	4	5	6	7
2002-2003	64.11	15.54	0.73	17.73	-	0.55
2003-2004	59.64	6.75	0.75	17.92	-	2.49

iv) Self employment Scheme in Rural Areas:

15.11.4. For generation of rural employment and upliftment of rural economy, the Board is implementing Rural Employment Generation Programme (Margin Money Scheme) in the State by setting up more Village Industries Projects in the rural areas as per guidelines and norms of Khadi and Village Industries Commission. The performance of Rural Employment Generation in the State for last two years are shown at Table-15.12.

Year	No. of Projects sanctioned	Employment Generated (Nos.)
1	2	3
2002-2003	55	220
2003-2004	211	948

TEA INDUSTRY:

15.12.0. So far as Tea Industry is concerned, Assam is well known internationally in this sector since long back. The State continued to dominant the country's tea map by producing more than half of the total tea production of India. The total area under tea cultivation was estimated to be 270 thousand hectares during 2002 accounting for more than half of the total area of 512 thousand hectares of the country as a whole. In the year 2001, out of 1,15,264 Tea Estates in India 40,795 Tea Estates were located in Assam.

The estimated production of tea in Assam was 454 million kilogram in 2003-04, which constitute more than 50 per cent of the total tea production of the country. The average yield per hectare was 1688 kilogram in Assam during 2001 as against 1675 kilogram per hectare in the country as a whole. The volume of tea sold through the State's lone "Tea Auction Centre" at Guwahati was 138.7 million kilogram in 2003 as against 131.4 million kilogram in 2002. The average price fetched per kilogram of CTC (Both leaf and dust) and orthodox tea (both leaf and dust) were Rs.58.83 and Rs.42.88 respectively. Although Assam produces more than 50 per cent of the country's total tea production, the income earned from the tea sector of the State has been gradually decreasing in the last few years due to stiff competition being faced by the Indian Tea in the international market. The Table-15.13 & Table-15.14 exhibit some important statistics of tea sector in Assam.

Head	ASSAM				INDIA			
	1998	1999	2000	2001	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9
1.* No. of Tea Estates	25708	30942	39151	40795	88115	98867	112010	115264
2. Area under Tea (In thousand hectare)	252	258	367	269	436	490	507	510
3. Production of Tea (In Million Kgs.)	467	437	449	454	874	826	847	854
4. Average yield per hectare (in kg)	1856	1692	1686	1688	1844	1685	1679	1675

*Including Small Tea Growers.

Source : Tea Digest, 2001, published by Tea Board of India.

Year	Leaf				Dust			
	CTC		Orthodox		CTC		Orthodox	
	Quantity	Average Price (Rs.)	Quantity	Average Price (Rs.)	Quantity	Average Price (Rs.)	Quantity	Average Price (Rs.)
1	2	3	4	5	6	7	8	9
1998	924	79.70	8.0	74.08	467	77.12	3.0	56.25
1999	1023	81.55	4.0	74.18	470	78.58	0.4	48.22
2000	974	72.51	8.0	67.56	432	70.90	1.0	39.97
2001	943	70.58	6.0	59.22	427	64.68	0.7	38.32
2002	908	63.06	7.8	56.06	398	57.44	0.2	29.69
2003	969	59.33	0.05	53.62	412	58.33	0.001	32.13

Source: Guwahati Tea Auction Centre, Assam.

ACTIVITIES OF ASSAM INDUSTRIAL DEVELOPMENT CORPORATION (AIDC):

15.13.0. The AIDC is a state level institution which is engaged with promotion of industrial units in the state sector as well as in joint / private sector. Some of the activities of the Corporation is briefly discussed in the following paragraphs.

(A) INDUSTRIAL GROWTH CENTRE AT MATIA (GOALPARA) :

The Growth Centre Project at Matia (Mornoi) in the district of Goalpara has been approved by the Government of India on 30.10.97 covering 1672 Bighas of land with a total project cost of Rs.2200.00 lakh out of which the grant from Government of India would be Rs.1500.00 lakh and the balance amount of Rs700.00 lakh would be State Government's equity share. The Corporation has incurred an expenditure of Rs.652.10 lakh upto 31-03-2003 for infrastructure development of the project like roads, power etc.

(B) GROWTH CENTRE AT CHARIDUAR (SONITPUR)

The Government of India has approved for setting up of an Industrial Growth Centre Project at Chariduar (Balipara) in Sonitpur District in April 1997 at a total project cost of Rs.2543.40 lakh out of which the grant from the Central Government would be Rs.1500.00 lakh and the balance amount of Rs.1043.40 lakh would be the State Government Equity Share. Land measuring 1500 Bighas has already been taken over by the AIDC for this project and construction of boundary wall, internal roads, power supply etc have also been completed. It is reported that Corporation has constructed a Millennium Park in an area of 10 acres of land within the Project site and planted various Medicinal Plants, Fruits Bearing Plants, Aromatic Plants etc in the park through the DRDA, Sonitpur District. The Corporation has incurred an amount of Rs.742.05 lakh upto 31.3.2003 for infrastructural development of the project.

(C) INTEGRATED INFRASTRUCTURE DEVELOPMENT (IID) AT DALGAON (DARRANG):

The Government of India has approved the IID Centre at Dalgaon in the District of Darrang on 1-5-2000. The approved project cost is Rs.418.00 lakh with 80 per cent grant from Government of India and 20 per cent as State Government assistance.

Land measuring 105 Bighas has been acquired. Master plan has already been prepared and detail engineering work of various activities like road, drainage, water supply, power supply etc. completed. The Assam State Electricity Board has accorded sanction for 1000 KVA power for the project. The Government of India has released an amount of Rs.200.00 lakh as grant to the Corporation against the State Govt's equity share release of Rs.50.00 lakhs for implementation of this project at Dalgaon. The Corporation (AIDC) has already incurred the entire amount for creation of infrastructure there.

(D) INTEGRATED INFRASTRUCTURE DEVELOPMENT (IID) CENTRE AT BHOMORAGURI AND NALTALI (NAGAON) :

The Government of India has approved a project for the IID Centre at Bhomoraguri / Naltoli in Nagaon District of Assam. The approved project cost is Rs.510.00 lakh with 80 per cent grant from Central Government and 20 per cent as State Government assistance.

Land measuring 71 Bighas at Bhomoraguri and 52 Bighas at Naltoli in the District of Nagaon has been acquired. The detail engineering works of various activities like road, drainage, water supply, power supply, etc. are in progress. The works for construction of 11 KV power line and installation of two 100 KVA sub-station to meet initial requirement of power at the project sites at Bhomoraguri are in progress. The Corporation has incurred an expenditure of Rs.484.99 lakh upto 30.9.04 for the project against the fund receipt of Rs.400.00 lakh from the Govt. of India.

**(E) INTEGRATED INFRASTRUCTURE DEVELOPMENT (IID)
CENTRE AT MALINIBEEL (CACHAR):**

The Government of India has approved and sanctioned another IID Centre in July, 2002 with total Project Cost of Rs.510.00 lakh at Malinibeel near Silchar Town in Cachar District. Out of above said Project Cost, 80 per cent will be grant from Government of India and rest 20 per cent will be State Government's share. For the Project, Government Land measuring 90 Bighas at Malinibeel has been taken over by the AIDC. The infrastructure works is reported to be under progress and the Project is expected to be commissioned by December, 2005.

**(F) INTEGRATED INFRASTRUCTURE DEVELOPMENT (IID)
CENTRE AT DEMOW (SIBSAGAR) :**

Another IID Centre has been approved and sanctioned by the Central Government in July, 2002 at Demow in Sibasgar District with project cost Rs.470.00 lakhs out of which 80 per cent as grant from Central Government and 20 per cent will be the State Government's share. The Government of India has released first installment of Rs.50.00 lakh against State Government's sanction of Rs.20.00 lakh for implementation of the Project Work and the same is expected to be commissioned by December,2005.

(G) BORDER TRADE CENTRE AT MANKACHAR (DHUBRI) :

The Government of India approved the Border Trade Centre Project at Mankachar under Dhubri District in August, 2001. The Total cost of the project will be Rs.426.00 lakh out of which Central Government share is Rs.340.83 lakh (80 per cent) as a grant and the balance amount of Rs.85.71 lakh (20 per cent) will be State Government share. An area of 7.5 Bighas of Government land has already been taken over by AIDC for setting up the project. The infrastructure works for the project is reported to be in progress.

MINING:

15.14.0. Assam is widely known for its abundant mineral resources. The exploitation of minerals in the State comprises of mainly Petroleum (Crude), Natural Gas (Utilised), Coal and Limestone. Out of these four major minerals of the State, the production of Natural Gas (Utilised) and Coal have increased by 90 million cubic metre and 109 thousand tonnes respectively while the production of Petroleum Crude and Limestone have decreased by 175 thousand tonnes and 92 thousand tonnes respectively in 2003-04. Thus mixed performance in production of these major minerals have reflected the Index of Mineral Production and it declined to 95.3 in 2003-04 (Provisional) from 97.5 in 2002-03. The Table15.15 shows the production of Mineral in Assam during last three years.

Mineral	Unit of Qty.	2001-2002		2002-2003		2003-2004	
		Mine	Quantity	Mine	Quantity	Mine	Quantity
1	2	3	4	6	7	9	10
All Mineral	-	10	-	10	-	10	-
1) Coal	'000 tonnes	6	652	6	629	6	738
2) Natural Gas (Utilised)	Mcm	0	1854	-	1909	-	1999
3) Petroleum (Crude)	'000 tonnes	0	5096	-	4746	-	4571
4) Limestone	'000 tonnes	4	475	4	552	4	460

Source: Controller General, Bureau of Mines, Government of India.