

# **ANNUAL REPORT & ACCOUNTS**

**1988-89**

**VOL-I**



**Coal India Limited**



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*His Excellency the President of India, Shri R Venkataraman, being greeted  
by Shri M.P. Narayanan, Chairman, CIL.*



*Honble' Union Minister for Energy and Civil Aviation, Shri Arif Mohammed Khan, being greeted by Shri T.U. Vijayasekharan (left), Secretary Department of Coal and Shri M.P. Narayanan (extreme right), Chairman CIL*

## MANAGEMENT DURING 1988-89

### CHAIRMAN

Shri G.L. Tandon  
(upto 8th Nov'88)

Shri M. P. Narayanan  
(From 15th Nov'88)

### FUNCTIONAL DIRECTORS

Shri B. Swaminathan

— Finance

Shri K.A. Sinha

— Technical

Shri A.V. Brahma

— Personnel & Industrial Relations

### DIRECTORS

Shri V. Krishnan

— Addl. Secy. Deptt. of Coal

Shri R.S. Sane

— Jt. Secy & FA. Deptt. of Coal (upto 30th Sept'89)

Shri T.T. Joseph

— Jt. Secy, Deptt. of Power (upto 30th June'88)

Shri Arun Bhatnagar

— Jt. Secy, Deptt. of Power (from 18th Nov'88 to 31st July'89)

Shri Mahip Singh

— Chairman-cum-Managing Director  
Central Mine Planning & Design Institute Ltd. (up to 30th May'89)

Shri M. Jha

— Chairman-cum-Managing Director  
Northern Coalfields Limited

Shri T.R. Jayaraman

— Chairman-cum-Managing Director  
South Eastern Coalfields Limited (upto 14th July'88)

Shri J.N. Uppal

— Chairman-cum-Managing Director  
Eastern Coalfields Limited

Shri S.K. Chowdhary

— Chairman-cum-Managing Director  
Central Coalfields Limited

Shri P.R. Sinha

— Chairman-cum-Managing Director  
Bharat Coking Coal Limited.

Shri R.D. Roy

— Chairman-cum-Managing Director  
Western Coalfields Limited (up to 13th Jan'89)

Shri V. Govindarajan

— Chairman-cum-Managing Director  
Singareni Collieries Co. Limited

Shri S. Saha

— Company Secretary-cum-Chief of Accounts (up to 30th Jan'89)

## **BANKERS & AUDITORS**

### **Bankers**

State Bank of India  
Central Bank of India  
Indian Bank  
Punjab National Bank  
Syndicate Bank  
Allahabad Bank  
United Bank of India  
Canara Bank

### **Statutory Auditors**

M/S Gupta & Mitra  
Chartered Accountants  
Windsor house  
29, R.N.Mukherjee Road  
Calcutta — 700 001.

### **Branch Auditors**

1. M/s. N. Kumar & Co.  
Chartered Accountants  
1306 Dalamd Tower  
Nariman Point  
Bombay — 400 003.
2. M/s. G.S.Goel & Co..  
Chartered Accountants  
1-587, Katra Ishwar Bhawan  
Khari Baoli  
Delhi 110 006.
3. M/s. N.C. Mitra & Co.  
Chartered Accountants  
10, Old Post Office Street,  
Calcutta 700 001.

## Board of Directors



M.P. Narayanan



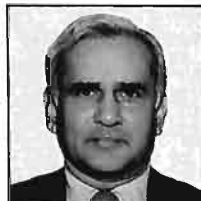
B. Swaminathan



K.A. Sinha



A.V. Brahma



V. Krishnan



K. Kosalram



N. Ramji



V. Govindarajan



M. Jha



P.R. Sinha



S.P. Mathur



S.K. Chowdhary



J.N. Uppal



S.P. Puri

**COAL INDIA LIMITED**  
**MEMBERS OF THE BOARD**

**CHAIRMAN**

Dr. M.P. Narayanan

**FUNCTIONAL DIRECTORS**

- |                     |                                    |
|---------------------|------------------------------------|
| Shri B. Swaminathan | — Finance                          |
| Shri K.A.Sinha      | — Technical                        |
| Shri A.V.Brahma     | — Personnel & Industrial Relations |

**DIRECTORS**

- |                      |  |
|----------------------|--|
| Shri V. Krishnan     | — Additional Secretary, Deptt. of Coal   |
| Shri K. Kosalram     | — Joint Secretary & Financial Adviser Department of Coal                               |
| Shri N. Ramji        | — Joint Secretary, Deptt. of Power   |
| Shri V. Govindarajan | — Chairman-cum-Managing Director<br>Singareni Collieries Co. Limited                   |
| Shri S.P. Mathur     | — Chairman-cum-Managing Director,<br>Central Mine Planning & Design Institute Limited. |
| Shri S.P. Puri       | — Chairman-cum-Managing Director,<br>Western Coalfields Limited                        |
| Shri P.R. Sinha      | — Chairman-cum-Managing Director,<br>Bharat Coking Coal Limited.                       |
| Shri S.K. Chowdhary  | — Chairman-cum-Managing Director,<br>Central Coalfields Limited.                       |
| Shri J.N. Uppal      | — Chairman-cum-Managing Director,<br>Eastern Coalfields Limited                        |
| Shri M. Jha          | — Chairman-cum-Managing Director,<br>Northern Coalfields Limited.                      |

**COMPANY SECRETARY**

Shri U. Suryanarayana

## FIFTEENTH ANNUAL GENERAL MEETING

Notice is hereby given to all Share-holders of COAL INDIA LIMITED THAT the FIFTEENTH ANNUAL GENERAL MEETING of the Company will be held on Saturday the 30th day of September, 1989 at 3:00 P.M. at the Registered Office of the Company at "COAL BHAWAN", 10, Netaji Subhas Road, Calcutta - 700 001 to transact the following business:

1. To receive, consider and adopt the Audited Balance Sheet as on 31st March, 1989 and Profit and Loss Account for the year ended 31st March 1989 together with the Reports of Statutory Auditors', Comptroller & Auditor General of India and Directors' thereon.
2. To appoint a Director in place of Shri V. Krishnan who retires in terms of Article 33 (d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.
3. To appoint a Director in place of Shri R.S. Sane who retires in terms of Article 33(d) (iii) of the Articles of Association of the Company and is eligible for reappointment.
4. To appoint a Director in place of Shri N. Ramji who retires in terms of Article 33(d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.
5. To appointment a Director in place of Shri V. Govindarajan who retires in terms of Article 33 (d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.
6. To appoint a Director in place of Shri P.R. Sinha who retires in terms of Article 33 (d) (iii) of the

Articles of Association of the Company and is eligible for re-appointment.

7. To appoint a Director in place of Shri J.N. Uppal who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
8. To appointment a Director in place of Shri S.K. Chowdhary who retires in terms of Article 33(d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.
9. To appoint a Director in place of Shri S.P. Mathur who retires in terms of Article 33(d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.
10. To appoint a Director in place of Shri M. Jha who retires interms of Article 33(d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.
11. To appoint a Director in place of Shri S.P.Puri who retires in terms Article 33 (d) (iii) of the Articles of Association of the Company and eligible for re-appointment.

By order of the Board

U. Suryanarayana  
Company Secretary

Dated 19th September, 1989  
Registered Office  
"COAL BHAWAN"  
10, Netaji Subhas Road  
Calcutta - 700 001.

N.B.:- A member entitled to attend and vote at the meeting is entitled to appoint a PROXY to attend and vote instead of himself and PROXY need not be member of the Company.



## CHAIRMAN'S STATEMENT

*I have great pleasure in welcoming you to the 15th Annual General Meeting of Coal India Limited. The Report of the Directors on the performance of your Company and its Subsidiaries, for the year 1988-89, is already with you.*

*I am happy to report that during the year under review both production and productivity have increased over the previous year. Loss has come down, sharply, from Rs.224.64 crores in the previous year to Rs. 23.26 crores in 1988-89. During the year, we have been successful in concluding a Long Term Agreement with the representatives of the employees regarding their wages (NCWA-IV). This Agreement was signed on 27th July 1989. But for the additional incidence on salaries and wages on this account, for the period from January 1, 1987 to March 31, 1988, we could have made a profit even during the year under report. We are looking forward to a still better performance during the ensuing year i.e., 1989-90.*

*On 19th May 1989, for the first time, CIL signed a Memorandum of Understanding (M.O.U.) with the Government of India, Department of Coal, relating to performance during 1989-90. During the year, the coal prices were also revised with effect from 1st January 1989. In view of the need to keep down the price of coal to the consumers, we will absorb the additional expenditure on account of NCWA-IV in 1989-90 by improve-*

*ment of efficiency in performance. During the year, a contract was signed with Canadian Commercial Corporation for implementation of the Rajmahal-Opencast Coal Project in ECL, the off-shore component of which will be financed by the Export Development Corporation, Canada. In 1989-90, we will also be going to the capital market to raise Rs.200 crores through Bonds. It is also proposed to float a public deposit scheme.*

*Improvement in quality of coal supplied continues to figure high on our agenda and all possible steps are being taken to ensure this. Project implementation and equipment availability & utilisation are the other areas where considerable effort is being put in to improve the present levels of efficiency in order that the Industry as a whole gives a better account of itself. Development of existing Underground Mines is also receiving a thrust which it had not hitherto.*

*I realise that bringing about substantial change is not going to be easy. But I am confident that given the dedication and co-operation of the employees at all levels in Coal India Limited, it is not a task which is beyond our reach. Before closing I would also thank the Department of Coal and its executives at all levels for their unstinted support and guidance during the year.*

September 30, 1989.  
Calcutta

**M.P. Narayanan**  
Chairman



# OPERATIONAL STATISTICS

Million Tonnes

Year ending 31st March	1989	1988	1987	1986	1985	1980	1976
<b>1. Production of Raw Coal:</b>							
Under Ground	61.28	59.04	60.07	59.95	60.50	59.13	65.21
Opencast	110.22	99.98	84.70	74.16	70.31	32.31	23.77
Total	171.50	159.02	144.77	134.11	130.81	91.44	88.98
<b>2. Off take (Raw Coal):</b>							
Power	89.24	82.18	71.26	65.03	54.65	30.71	23.41
Steel	20.32	19.47	19.11	20.30	19.64	18.05	16.90
Railway	5.57	6.36	6.83	7.91	9.50	10.70	13.00
Domestic & Boiler Use	3.50	3.48	3.54	3.62	3.61	3.25	2.55
Others	46.39	42.44	40.91	38.06	35.25	27.84	28.41
Total	165.02	153.93	141.65	134.92	122.65	90.55	84.27
<b>3. Average Manpower</b>	672231	674004	672960	671336	664847	595789	598099
<b>4. Productivity:</b>							
A. Average production per man per year (Tonnes)	255	236	215	200	197	153	149
B. Output(Production) per Manshift (OMS)							
i Under Ground (Tonnes)	0.56	0.54	0.54	0.53	0.53	0.55	0.60
ii Opencast (Tonnes)	2.85	2.65	2.44	2.24	2.10	1.26	0.90
iii Overall (Tonnes)	1.15	1.08	0.99	0.91	0.87	0.68	0.66

# FINANCIAL DATA & RATIOS

Rs. in Crores

Year ending 31st March	1989	1988	1987	1986	1985	1980	1976
1. Equity (Year end)	4764.16	4120.34	3559.50	3012.31	2556.69	803.16	377.41
2. Loan from Govt. of India							
including overdue interest	3924.69	3670.18	2993.64	2869.64	2482.89	964.88	343.01
Inter Corporate Loans & Foreign Credits	146.67	40.20	25.46				
Total Loan	4071.36	3710.38	3019.10	2869.64	2482.89	964.88	343.01
3. Capital Employed	4533.98	3976.28	3530.58	3370.83	3040.65	928.11	534.39
4. Gross Margin	679.26	471.02	141.15	89.36	322.13	20.15	7.96
5. Gross Sales	5600.09	4398.47	3741.26	3293.10			
Net Sales (Net of royalty, cess etc.)	4188.42	3424.01	2955.22	2712.91	2438.85	931.57	586.73
6. Payment of royalty cess etc.	1264.30	892.98	730.12	615.17	498.98	90.80	64.13
7. Social Overhead (including LTC, LLTC and Domestic coal etc-Revenue only)	331.83	284.77	235.89	196.55	194.89	46.14	14.22

Rs. in Crores

Year ending 31st March	1989	1988	1987	1986	1985	1980	1976
<b>FINANCIAL INDICATORS &amp; RATIOS</b>							
1. Earnings Per Manshift (Rs.)	140.47	108.16	106.70	91.35	85.20	43.72	27.97
2. Avg. Cost of Production of Raw Coal (Rs.Per Tonne)	252.91	229.46	221.54	213.97	190.63	110.04	70.10
3. Avg. Sale value of Raw Coal(Rs.Per Tonne)	252.29	215.41	202.80	190.87	188.18	100.72	64.17
4. Value added per employee(Rs.000)	54.34	41.26	35.76	32.14	31.20	12.50	8.10
5. Social Overhead Expenditure per employee (Rs.000)	4.94	4.23	3.51	2.93	2.93	0.77	0.24
6. DEBT: Equity Ratio	0.85	0.90	0.85	0.95	0.97	1.20	0.91
7. Gross Margin to Capital Employed	15.0%	11.8%	4.0%	2.7%	10.6%	2.2%	1.5%
8. Gross Margin to Net Sales	16.2%	13.8%	4.8%	3.3%	13.2%	2.2%	1.4%

## PROFITABILITY STATEMENT

Rs. in Crores

For the Year ended 31st March	1989	1988	1987	1986	1985	1984	1983	1982
<b>Earned From</b>								
Gross Sales	5600.09	4398.47	3741.26	3293.10				
Less Coal from Development mines	97.58	27.69	26.82	6.22				
Less levies (Royalty cess etc.)	1314.09	946.77	759.22	573.97				
NET Sales	4188.42	3424.01	2955.22	2712.91	2438.85	1992.03	1731.97	1444.27
Accretion/decretion in stock	236.89	60.07	51.77	-32.88	92.41	32.20	67.76	39.63
Domestic consumption of coal etc.	115.60	97.66	92.05	87.21	80.74	71.71	46.59	48.93
Other revenue receipts	CMPDI	57.73	43.42	39.37	32.58	28.34	28.49	21.27
	Others	136.23	119.03	104.86	100.87	82.46	71.00	56.47
Coal Price Regulation Account	36.62	59.82	-29.83	-48.45		42.79	-42.79	
<b>TOTAL</b>	<b>4771.49</b>	<b>3804.01</b>	<b>3213.44</b>	<b>2852.24</b>	<b>2722.80</b>	<b>2238.22</b>	<b>1881.27</b>	<b>1593.22</b>
<b>Paid and Provided for:</b>								
Employees remuneration & benefits	1998.27	1689.76	1616.21	1366.80	1303.48	1185.71	903.03	808.94
Social overhead(incl'd. domestic coal)	331.83	284.77	235.89	196.55	194.89	152.54	115.73	98.48
S.O. Dep. & Int.(included in Dep.&Int)	-16.48	-14.22	-14.83	-10.50	-8.23	-6.30	-4.59	-3.23
Stores & Spares	631.29	568.93	486.02	432.44	382.28	342.41	284.23	222.36
Power & Fuel	314.72	275.02	246.04	209.81	181.01	149.32	122.03	95.60
Contractors(Transport & Repairs etc.)	276.09	254.52	204.68	194.25	149.49	118.77	107.90	75.80
Misc. Expenses & provisions	375.57	272.68	249.88	319.96	161.07	144.02	81.61	80.72
Interest(net)	279.53	319.47	166.12	228.09	181.13	139.05	120.25	88.24
Depreciation	422.99	376.19	306.78	265.45	219.03	179.83	140.78	104.16
O.B.R. Adjustment	42.56	49.89	-2.26	1.79	9.05	8.88	-4.39	-9.55
Pr. Period Adjustment(excl. int.&dep.)	138.38	-48.36	50.66	51.78	27.63	66.67	20.03	26.07
<b>Total</b>	<b>4794.75</b>	<b>4028.65</b>	<b>3545.19</b>	<b>3256.42</b>	<b>2800.83</b>	<b>2480.90</b>	<b>1886.61</b>	<b>1587.59</b>
<b>PROFIT/Loss for the year</b>	<b>-23.26</b>	<b>-224.64</b>	<b>-331.75</b>	<b>-404.18</b>	<b>-78.03</b>	<b>-242.68</b>	<b>-5.34</b>	<b>5.63</b>
Investment Allowance Reserve	42.24		42.19	39.13	29.49	23.36	24.19	32.94
Income Tax	0.42	1.39	0.43		0.27	0.15	0.45	
<b>PROFIT/Loss b/f from prev. yr.</b>	<b>-2259.75</b>	<b>-2033.72</b>	<b>-1659.35</b>	<b>-1215.86</b>	<b>-1108.07</b>	<b>-841.88</b>	<b>-811.90</b>	<b>-784.59</b>
<b>Cum. loss carried to B/S</b>	<b>-2325.67</b>	<b>-2259.75</b>	<b>-2033.72</b>	<b>-1659.35</b>	<b>-1215.86</b>	<b>-1108.07</b>	<b>-841.88</b>	<b>-811.90</b>

# FINANCIAL POSITION

Rs. in Crores

As at 31st March	1989	1988	1987	1986	1985	1984	1983	1982
<b>What is Owned:</b>								
Gross Fixed Assets	6425.84	5495.21	4701.06	4029.65	3202.10	2636.41	2098.01	1612.59
Less: Depreciation	2417.72	2011.72	1661.19	1400.49	1119.34	872.43	691.04	532.83
Net Fixed Assets	4008.12	3483.49	3039.87	2629.16	2082.76	1763.98	1406.97	1079.76
Capital work-in-progress	1824.16	1443.68	1179.63	834.09	786.57	649.56	491.39	316.19
Misc. expenditure etc. to the extent not written off or adjusted & Investment	4.67	5.81	8.34	5.23	2.74	2.94	3.21	25.63
<b>CURRENT ASSETS:</b>								
Inventories	1323.12	1070.80	982.22	892.43	900.60	760.73	642.58	516.49
Sundry Debtors	988.49	722.73	465.45	399.55	377.46	379.18	222.36	176.84
Cash & Bank Balances	161.71	142.37	141.70	118.68	121.81	235.23	107.50	72.71
Loans & Advances	564.97	651.68	780.70	883.09	933.52	847.40	662.88	524.30
Total Current Assets	3038.29	2587.58	2370.07	2293.75	2333.39	2222.54	1635.32	1290.34
Less Current Liabilities & Provisions (Including unpaid interest on loans)	2512.43	2094.79	1879.36	1552.08	1375.50	1373.67	906.88	779.38
<b>NET CURRENT ASSETS</b>	525.86	492.79	490.71	741.67	957.89	848.87	728.44	510.96
Total (A)	6362.81	5425.77	4718.55	4210.15	3829.96	3265.35	2630.01	1932.54
<b>WHAT IS OWED</b>								
Government Loan & overdue Interest	3924.69	3670.18	2993.64	2869.64	2482.89	2191.59	1717.82	1453.45
Inter corporate loan	100.00							
Other loans (foreign credit etc.)	46.67	40.20	25.46					
Bank loan(over draft) etc.	168.41	189.63	200.27	122.00	152.90	182.92	112.15	64.62
Less: Overdue interest included in Current Liabilities	-605.09	-580.05	-278.02	-341.27	-309.15	-264.30	-154.19	-133.88
Total (B)	3634.68	3319.96	2941.35	2650.37	2326.64	2110.21	1675.78	1384.19
<b>NET WORTH (A—B)</b>	2728.13	2105.81	1777.20	1559.78	1503.32	1155.14	954.23	548.35
<b>REPRESENTED BY</b>								
Equity Capital (including pending allotment)	4764.16	4120.34	3559.50	3012.31	2556.69	2131.65	1691.25	1286.89
Reserves	289.64	245.22	251.42	206.82	162.49	131.56	104.86	73.36
Profit(+)/Loss(-)	-2325.67	-2259.75	-2033.72	-1659.35	-1215.86	-1108.07	-841.88	-811.90
	2728.13	2105.81	1777.20	1559.78	1503.32	1115.14	954.23	548.35

## DIRECTORS' REPORT

### The Report of the Board of Directors for 1988-89 to the Shareholders of Coal India Limited

Gentlemen,

On behalf of the Board of Directors, I have pleasure in presenting the 16th Annual Report and Accounts of your Company for the year ended 31st March, 1989 together with the report of the Statutory Auditors and also comments and review of the Comptroller and Auditor General of India.

1. During the year under review, the Company continued to hold seven fully owned Subsidiary Companies viz:

- Eastern Coalfields Limited
- Bharat Coking Coal Limited
- Central Coalfields Limited
- Northern Coalfields Limited
- Western Coalfields Limited
- South Eastern Coalfields Limited
- Central Mine Planning & Design Institute Limited.

The mines in Assam, through its NEC Division, and Dankuni Coal Complex continued to be managed directly by your Company.



## 2. Production Performance:

2.1. The year 1988-89 was marked by all time record level of production of coal at 171.5 Million Tonnes (Coking coal 31.3 Million Tonnes and Non-coking Coal 140.2 Million Tonnes) as against the previous year's production of 159 Million Tonnes (Coking Coal 30.2 Million Tonnes and Non-Coking Coal 128.8 Million Tonnes). The overall annual growth during 1988-89 was 12.5 Million Tonnes over the previous year i.e. an increase of 7.85%

2.2. Underground production during 1988-89 was 61.3 Million Tonnes as against 59 Million Tonnes in the previous year which is a significant feature of production in 1988-89. This was primarily due to success achieved in New Technologies viz. Longwall Mining, Blasting Gallery method and Descending Shield method introduced in Underground mines and effective management through -

- i) Fixation of separate targets for Underground Production companywise;
- ii) Monitoring the achievements against targets separately for Underground and Opencast mines; and
- iii) Effective utilisation of existing manpower.

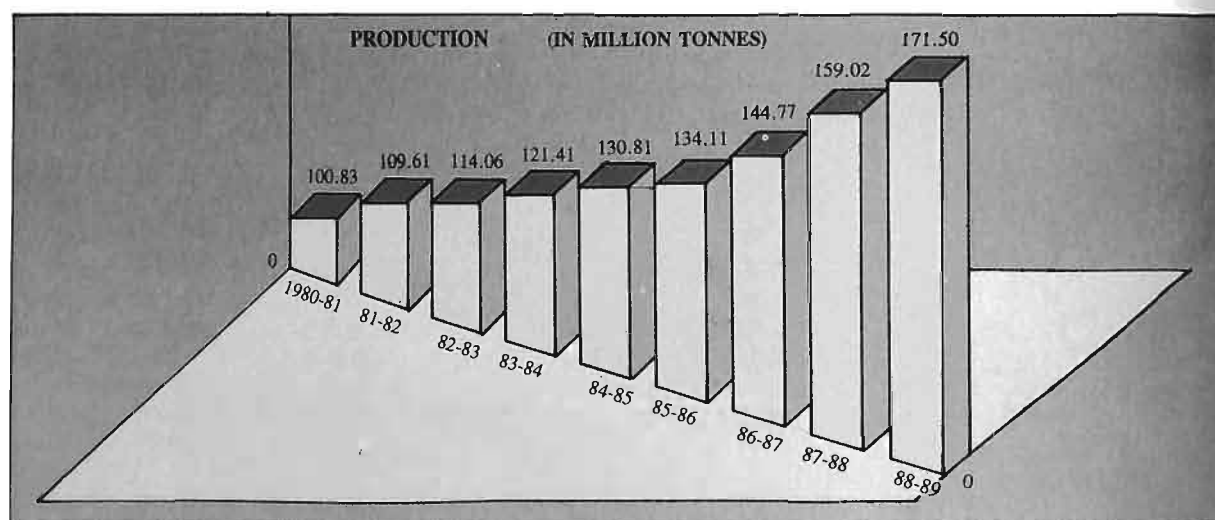
All the six coal producing Subsidiaries of Coal India Limited registered new landmarks in production by exceeding their targets for the year 1988-89.

Subsidiarywise production of Raw Coal (Coking and Non-Coking) for 1988-89 as compared to 1987-88 is indicated below:-

(Figures in Million Tonnes)

Company	Coking Coal:*		Non-Coking Coal:		Total Raw Coal:	
	1988-89:	1987-88:	1988-89:	1987-88:	1988-89:	1987-88:
ECL	1.42	1.50	28.71	26.49	30.13	27.99
BCCL	14.80	14.30	11.50	10.82	26.30	25.12
CCL	14.29	13.69	13.78	13.58	28.07	27.27
NCL	—	—	19.63	16.50	19.63	16.50
WCL	0.70	0.73	21.36	20.46	22.06	21.19
SECL	0.09	—	44.32	39.95	44.41	39.95
NEC	—	—	0.90	1.00	0.90	1.00
Total CIL	31.30	30.22	140.20	128.80	171.50	159.02

\* Coking coal includes Coal declared as Coking but used for non-metallurgical purposes.



## 2.3. Production of Soft Coke, Hard Coke and Washed Coal.

The Production of Soft Coke, Hard Coke and Washed coal in 1988-89 was 1.31 Million Tonnes, 0.40 Million Tonnes and 8.73 Million Tonnes, respectively as against last year's production of 1.56 Million Tonnes, 0.51 Million Tonnes and 8.37 Million Tonnes respectively. The subsidiary-wise position is as below:-

(Figures in Million Tonnes)

Company	Soft Coke:		Hard Coke:		Washed Coke:	
	1988-89:	1987-88:	1988-89:	1987-88:	1988-89:	1987-88
ECL	0.61	0.81	—	0.02	—	—
BCCL	0.27	0.31	0.38	0.47	4.51	4.20
CCL	0.43	0.44	0.02	0.02	3.89	3.81
WCL	—	—	—	—	0.33	0.36
Total CIL	1.31	1.56	0.40	0.51	8.73	8.37

2.4 The Production of Raw Coal from underground mines and opencast mines in 1988-89 was 61.28 million Tonnes and 110.22 Million Tonnes respectively as against last year's production of 59.04 Million Tonnes and 99.98 Million Tonnes respectively. The Subsidiary wise position is as below:

(Figures in Million Tonnes)

Company	Underground Mines:*		Opencast Mines:		Total	
	1988-89:	1987-88:	1988-89:	1987-88:	1988-89:	1987-88
ECL	16.40	15.84	13.73	12.15	30.13	27.99
BCCL	14.35	13.81	11.95	11.31	26.30	25.12
CCL	4.62	4.17	23.45	23.10	28.07	27.27
NCL	—	—	19.63	16.50	19.63	16.50
WCL	10.11	10.09	11.95	11.10	22.06	21.19
SECL	15.40	14.77	29.01	25.18	44.41	39.95
NEC	0.40	0.36	0.50	0.64	0.90	1.00
Total CIL	61.28	59.04	110.22	99.98	171.50	159.02

2.5 The total quantum of overburden removed in 1988-89 was 246.22 MM<sup>3</sup> as against last year's figure of 212.08 MM<sup>3</sup>. This was 34.14 MM<sup>3</sup> more than last year, a growth rate of more than 16%. Subsidiary-wise quantum of overburden removed is as under:



*Pit Crusher*

Overburden Removed (in Million Cubic Metre)

Company	1988-89	1987-88
ECL	25.85	26.05
WCL	26.77	23.12
CCL	45.03	41.76
NCL	69.39	53.67
WCL	32.58	28.89
SECL	42.48	34.69
NEC	4.12	3.90
Total CIL:	246.22	212.08



*A gigantic 170 tonne dumper*

## 2.6 Population of Equipment (HEMM)

During the year total number of Draglines had increased from 23 to 26, Shovels from 577 to 608, Dumpers from 2965 to 3151, Dozers from 804 to 854 and Drills from 509 to 561. Population of major HEMM as on 1.4.1989 showing the break-up of deployment Subsidiary-wise is as follows:

(Quantity in numbers)

Equipment	ECL	BCCL	CCL	NCL	WCL	SECL	CIL Total as on 1.4.89	Previous year total as on 1.4.88
Dragline	—	1	—	8	2	15	26	23
Shovel	68	121	109	78	120	112	608	577
Dumper	318	490	778	392	549	624	3151	2965
Dozer	97	161	181	121	124	170	854	804
Drill	50	117	126	76	77	115	561	509

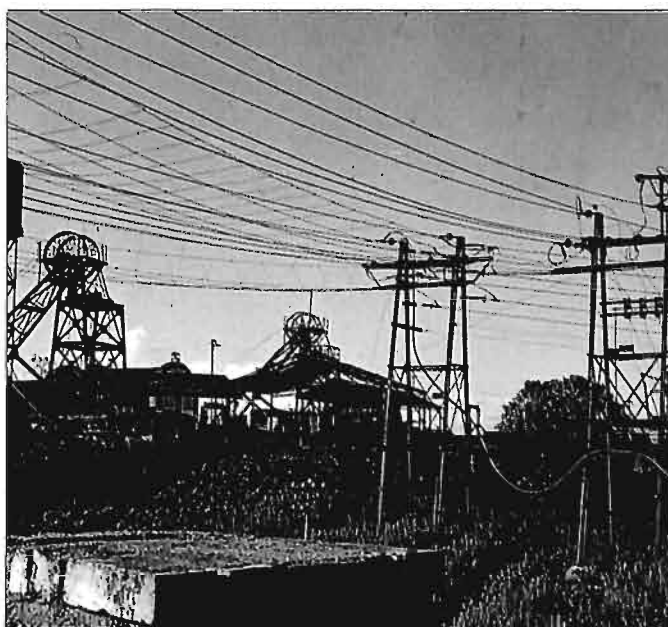


## 2.7 Constraints

Due to various constraints, specially shortfall in the supply of power from DVC/State Electricity Boards and absenteeism, the Companies suffered a total loss of raw coal production to the tune of 4.67 Million Tonnes during 1988-89 compared to 6.36 Million Tonnes of the previous year. Administrative and managerial measures were taken during the year 1988-89 to reduce the loss of coal production. Factor-wise breakup of loss of production of raw coal is indicated below:

(Figures in Million Tonnes)

Factor	Loss of Production	
	1988-89	1987-88
Power	2.02	2.22
Absenteeism	0.44	1.27
Labour Unrest	0.48	0.70
Other constraints	1.73	2.17
Total :	4.67	6.36



## 2.8 Availability of Power

The availability of power to mines in ECL, BCCL and CCL was better than the last year. ECL, BCCL and CCL received a major chunk of power from DVC either directly or through BSEB, DPS and/or APS. The overall availability of power was around 386.6 MVA as against the demand of 443.5 MVA during the year leaving a shortfall of 56.9 MVA. Besides this, though the number of interruptions decreased to 15,823 (cumulative) from 18,027 (cumulative) during the year, delay in restoration of Power resulted in 13,574 feeder hours loss (cumulative) as compared to 16,248 (cumulative) feeder hours loss during the previous year. To improve power availability in ECL, M/s. Dissergarh Power Supply Co. will install, operate and maintain a 2 x 10 MW Plant on lease term. M/s. BHEL has been entrusted with the job of installation of fluidized combustion power plant at Moonidhih (BCCL) and Kathara (CCL) and construction is progressing according to programme. Status of power supply from DVC source to ECL, BCCL and CCL during 1988-89 compared to 1987-88 as against the Demand is indicated below:-

Company	Demand in MVA		Availability in MVA		No. of Interruptions		Feeder hours lost	
	88-89	87-88	88-89	87-88	88-89	87-88	88-89	87-88
ECL	103.5	100	93.6	90.3	3493	3623	3077	3239
BCCL	227.0	227	193.4	140.8	7323	7643	6687	7433
CCL	113.0	115	99.6	90.4	5007	6761	3810	5576
Total:	443.5	442	386.6	321.5	15823	18027	13574	16248



## 2.9 Productivity

The overall OMS during the year under review has gone up to 1.15 tonnes from 1.08 tonnes. All the Subsidiaries improved their OMS compared to the previous year. The growth rate in the year is 0.07 tonnes and in terms of percentage 6.5% over the previous year. This achievement was possible due to maintenance of higher growth both in coal production and overburden removal during the year 1988-89. The Companywise OMS position is as follows:

Company	OMS (in Tonnes)		% increase over 1987-88	
	1988-89	1987-88		
ECL	0.73	0.69	(+)	5.8
BCCL	0.75	0.68	(+)	10.3
CCL	1.14	1.09	(+)	4.6
NCL	8.18	7.44	(+)	9.9
WCL	1.26	1.23	(+)	2.4
SECL	1.77	1.65	(+)	7.3
NEC	0.86	0.98	(-)	12.2
Overall CIL	1.15	1.08	(+)	6.5

### 3. Working Results

During the year under review, the Company and its Subsidiaries incurred a loss of Rs. 23.26 crores compared to the loss of Rs. 224.64 crores during the previous year. The Companywise position for the year 1987-88 and 1988-89 along with cumulative position upto 31st March, 1989 is indicated below:

(Rupees in crores)

Company	1988-89	1987-88	Cumulative profit/loss upto 31.3.1989
ECL	(+) 33.75	(-) 48.74	(-) 876.76
BCCL	(-) 5.19	(-) 112.01	(-) 993.06
CCL	(+) 6.41	(-) 90.43	(-) 134.87
NCL	(+) 3.57*	(-) 3.23	(-) 25.14
WCL	(-) 15.93	(+) 8.22	(-) 112.93
SECL	(-) 47.56*	(+) 21.48*	(-) 81.22
CMPDIL	(+) 2.42*	(+) 1.44*	(+) 6.34
NEC including Stockyards	(-) 0.73	(-) 1.37	(-) 108.13
Total:	(-) 23.26*	(-) 224.64*	(-) 2325.77

\* Before provision for income tax and investment allowance reserve.

The loss for the year 1988-89 of Rs. 23.26 crores is after providing for the impact of NCWA-IV for the period 1.1.1987 to 31.3.1989 amounting to Rs. 310 crores (approx.). The improvement in profitability during the year is mainly due to increase in production by 12.5 Million Tonnes compared to previous year, better productivity, better unit revenue and the increase in notified price for coal w.e.f. 1.1.1989.



## 4. Increase in Coal Price

Government of India fixed revised average price of coal at Rs. 249/- per tonne w.e.f. 1.1.1989 based on normative cost/prices and the formulae for escalation as recommended by the BICP.

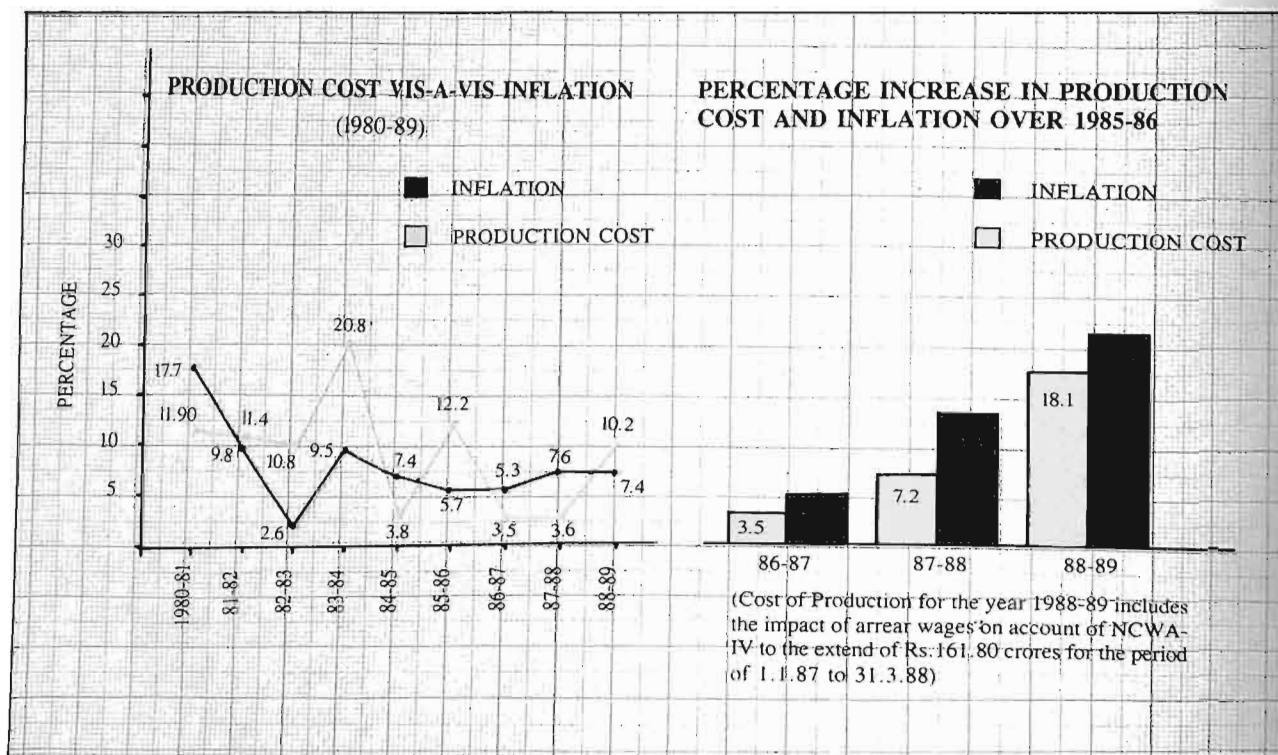
## 5. Capital Expenditure

Expenditure on Capital Account during 1988-89 was 1341.93 crores against Rs. 1005.55 crores during the previous year as indicated below:

Company	(In Rupees Crores)	
	1988-89	1987-88
ECL	178.85	150.49
BCCL	204.27	185.33
CCL	135.31	91.44
WCL	158.37	93.42
NCL	363.41	265.07
SECL	262.30	185.04
CMPDIL	8.34	9.03
NEC	7.67	7.16
DCC	20.73	17.04
CIL HQ.	2.68	1.53
Total:	1341.93	1005.55



*Dragline in operation.*



## 6. Capital Structure

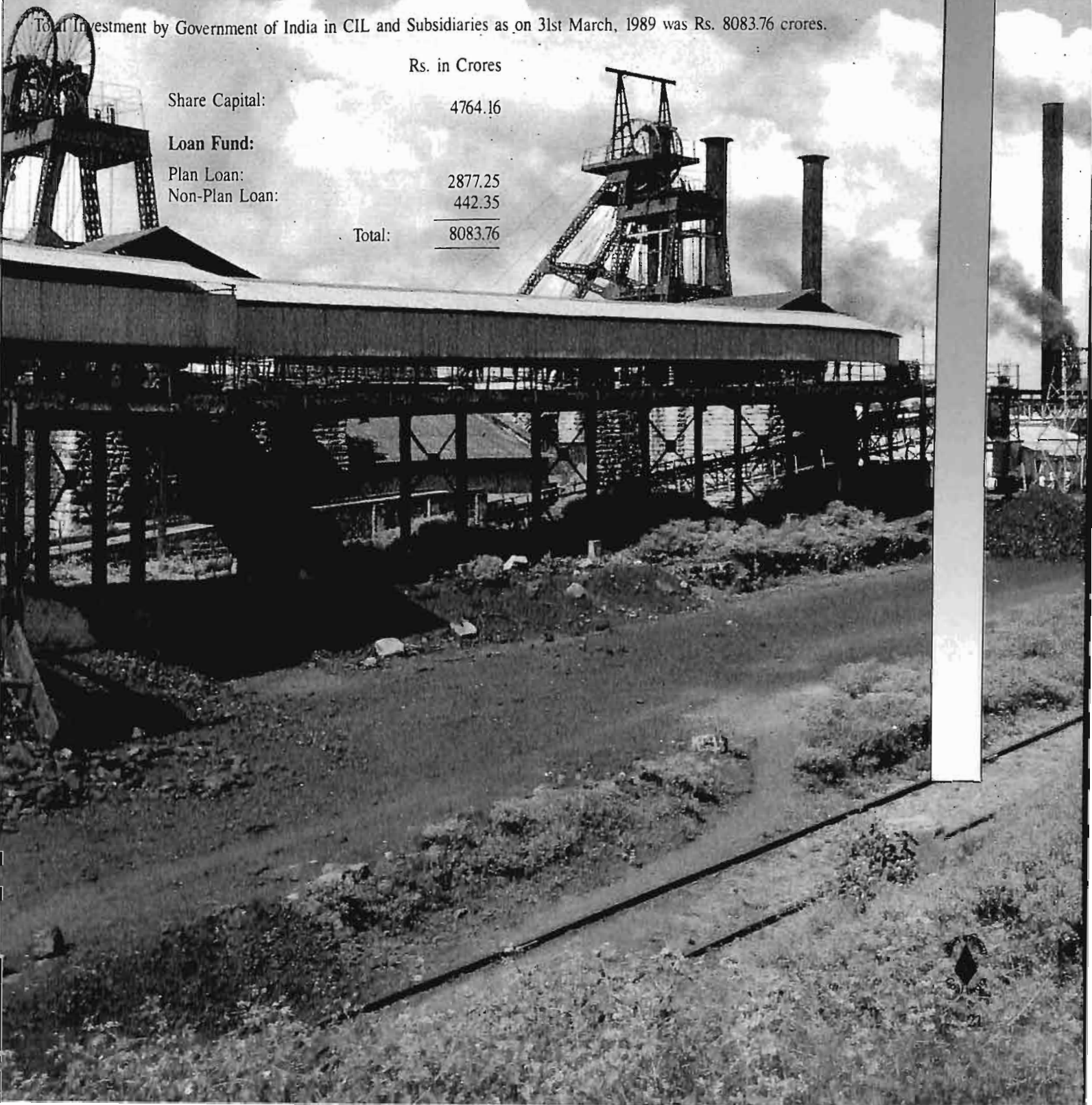
During the year 1988-89 the authorised capital of the Company was increased from Rs.5000 crores to Rs. 6000 crores.

The paid up Capital of the Company as on 31.3.1989 was Rs. 4762.55 crores (including Rs. 256.94 crores worth of shares issued to the Government of India for consideration other than cash). An amount of Rs. 1.61 crores Equity pending allotment was received from the Government for payment of land compensation for which the Equity shares are yet to be issued.

Total Investment by Government of India in CIL and Subsidiaries as on 31st March, 1989 was Rs. 8083.76 crores.

Rs. in Crores

Share Capital:	4764.16
<b>Loan Fund:</b>	
Plan Loan:	2877.25
Non-Plan Loan:	442.35
<b>Total:</b>	<u>8083.76</u>



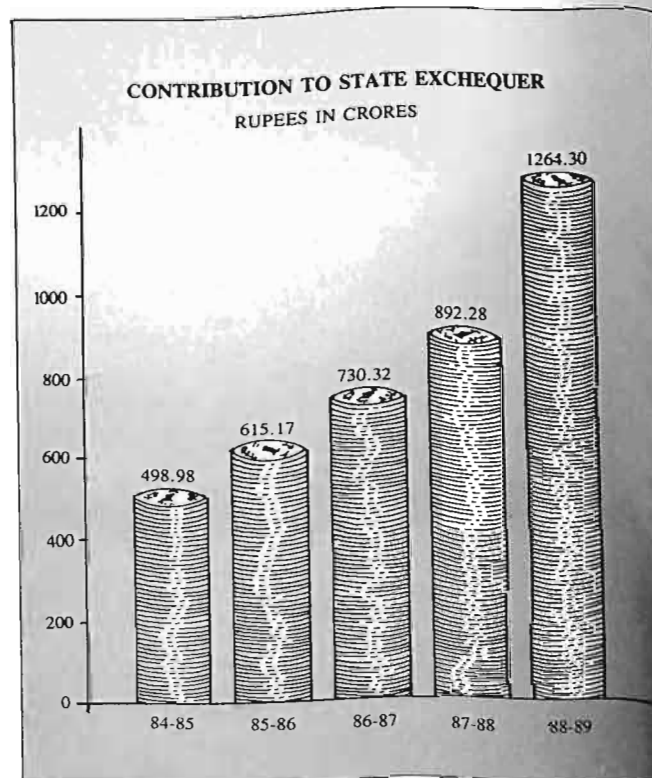
## 7. Borrowing from Government of India

During the year a sum of Rs. 419 crores was received from the Government of India as loan. A sum of Rs. 484.33 crores was paid to Government towards repayment of loan (Rs. 189.53 crores) and interest (Rs. 294.80 crores) as against Rs. 66.51 crores in the previous year. Government of India has waived penal interest of Rs. 100.92 crores for the year 1985-86 to 1987-88.

During the year 1988-89, an amount of Rs. 100 crores loan was also received by CIL from Oil and Natural Gas Commission, Dehradun for a period of one year at the rate of 14.5% interest per annum as against Government guarantee. The interest payable on this loan for the year 1988-89 was fully paid to ONGC. The repayment of principal was renewed by one more year i.e. upto 18.4.1990.



*Shri. T.U. Viyasekharan, Secretary Department of Coal and Shri. M.P. Narayanan, Chairman, CIL, signing MoU.*



## 8. Payment of Royalty, Cess and Sales Tax

The Company and its Subsidiaries, during the year 1988-89 paid Central and State Governments Rs. 1264.30 crores as against Rs.892.28 crores in previous year. The break-up of Royalty, Cess and Sales Tax payments for 1987-88 and 1988-89 are indicated below:

		(Rs in Crores)	
		1988-89	1987-88
Royalty	...	81.35	73.91
Cess	...	958.65	648.54
Sales-Tax (State and Central)	...	224.30	169.83
Total:		1264.30	892.28

## 9.0 Planning

9.1 Annual Action Plan drawn for the year 1988-89, as approved by Department of Coal, was monitored regularly. Annual Plan 1989-90 was also drawn up and approved at CIL and at Government level. Annual Action Plan 1989-90 was also approved at CIL. Performance during 1988-89 against the Annual Action Plan for the year and progress for 1989-90 are shown as below:-

	1988-89		1989-90
	Plan	Actual	Plan
1. Production (Million Tonnes)	170.08	171.50	183.50
2. Productivity (OMS : Tonne)	1.11	1.15	1.18
3. Plan Expenditure (Rs. crores)	BE 1314 RE 1326 }	1341.93	1800.00

In consonance with the recommendations of the Committee on Public Sector Undertakings and as desired by Department of Coal, Micro Objectives covering selected activity areas having measurable objectives with definite time frame was formulated. A workshop was organised by CIL in order to update CIL corporate plan.

CIL Corporate Plan document commensurate with the Eighth Plan Period (1990-95) will be formulated as soon as the Eighth Plan document is finalised by Government of India.

CIL was actively associated with the Working Group on Coal and lignite for Eighth Plan and its various sub-groups. Mine-wise annual system capacity (separately for UG and OC Mine) was assessed as on 1.4.1988 for comparison with actual performance.



*Joint Bi-partite Committee meeting*

## 9.2 Communication System

The growing complexity of Coal mining activity spread over nine States of the country needed a reliable and efficient communication network for fast decision making. Telecommunication system of your company, therefore, needed suitable augmentation for which following action plan was formulated at three levels viz.,

- a) Corporate Office at Calcutta & all Subsidiary Company (HQs), Department of Coal/ CIL New Delhi.
- b) Company (HQs) and Areas and
- c) Areas and Mines,

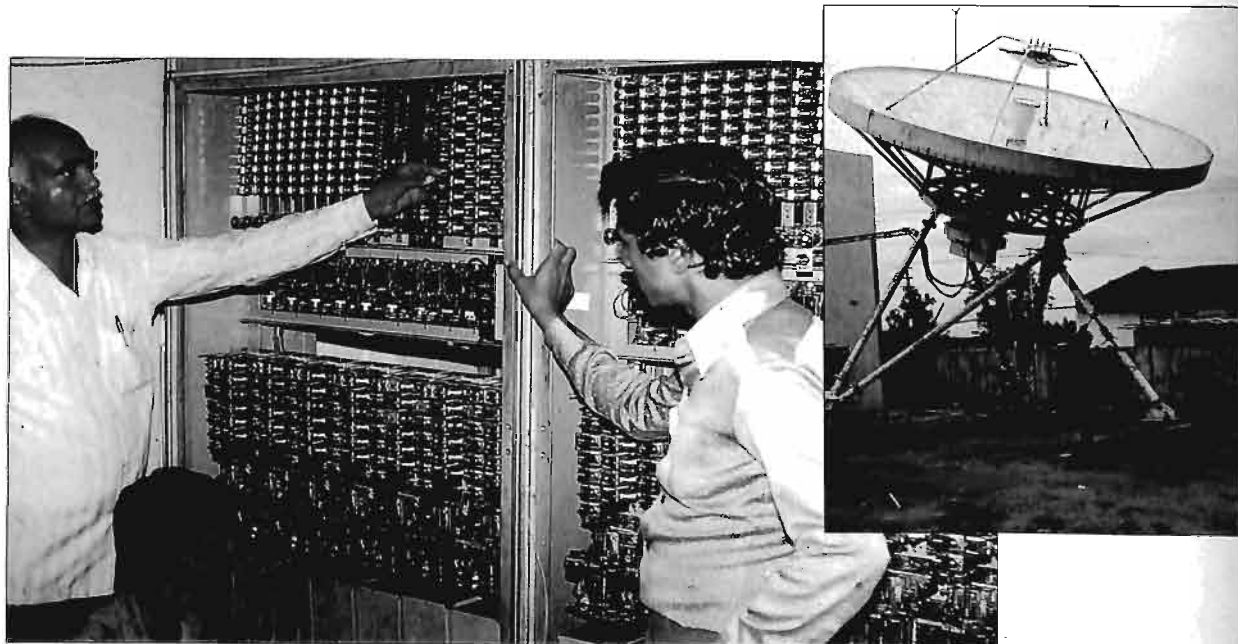
- to set up CIL's own dedicated reliable communication network (COALNET) for Voice & Data, over land based on Satellite System, depending upon cost/economic consideration, where DOT facility is not available or existing facility not reliable or inadequate;
- to introduce Computer Networking over COALNET for inter-connecting Computers working at various premises of CIL for creation of data base and MIS for effective management.

COALNET Plans are being implemented in phases. DOT is implementing the COALNET phases I & II programmes on turn-key basis. COALNET-I & II caters to the communication connectivities between CIL corporate office with all Company (HQs) and 9 areas/projects with the respective Company (HQs).

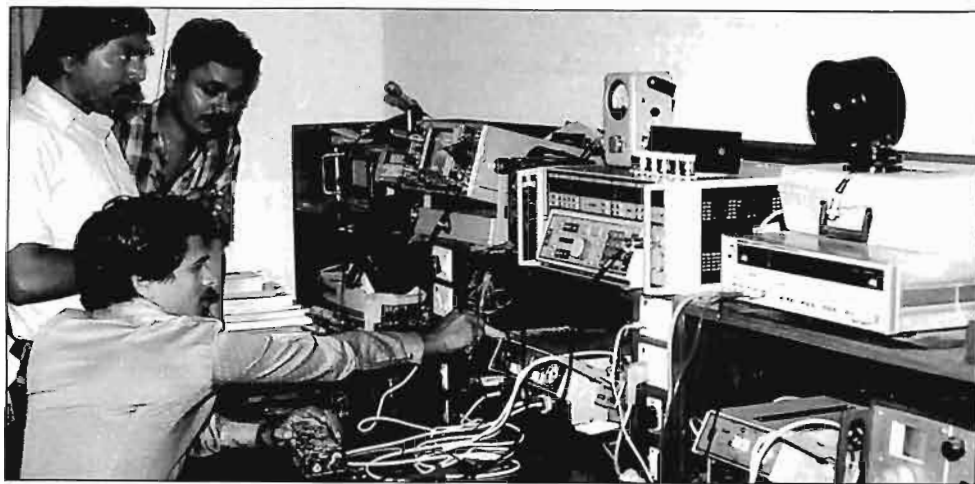
CIL's first Satellite Earth Station at Singrauli (NCL) was commissioned during the year much ahead of schedule. This important linkage has gone long way in bringing into the main stream, Singrauli, an important coal producing company of CIL, supplying coal to Super Thermal Power Plants located in this region.

Computer Networking was also introduced with Singrauli (NCL) and Ranchi (CCL) on experimental basis.

The Rajmahal Project and CIL Calcutta connectivity under COALNET Phase-II programme was also expedited because of urgency of this linkage. Considerable progress has been made to accelerate the work for establishment of this important link and it is expected to be commissioned shortly, also much ahead of schedule.



*Modernisation in communication a 300 line RAX exchange and a Satellite antenna.*



*Telecom repair workshop*

COALNET Phase-III caters to the communication links between Company HQs. and Areas and a detailed study has been completed.

A review was made of the COALNET programmes of the Company giving maximum stress on the utilisation of the facilities that are being developed by DOT at national level in order to bring down company's own investment level.

During the year your Company also took actions for installation of AUTOMEX System, FAX machines, PCs for communication with Regional Sales Offices through use of DOT's PSTN System and extension of PTI's news scan service (COALSCAN) to CIL's premises for dissemination of information to coal community and also news about the activities of the company.

### **9.3 Computerisation**

In the last one year, there has been a definite shift towards the area of Information Technology rather than routine commercial systems. As a result existing computers are getting upgraded with State-of-the-art technology and the development is concentrated in the area of On-line systems. This is bringing direct involvement of the users.

After the success of On-line Material Management System in Rajrappa regional store at CCL, a plan of action was drawn for the year 1989-90. Twenty four more systems will be installed covering all subsidiaries by the end of the year, for which action has already been initiated.

Being increasingly concerned with the higher availability and utilisation of HEMM, CIL has developed on its own, a software on Maintenance Management System and this has been implemented in some opencast projects and will cover about 15 projects in the year 1989-90.

In the areas of Marketing CIL has taken a two pronged approach. At the Regional Sales Office the sales and monitoring of consumer requirements/complaints is being done using personal computers. While at CIL level software is ready for Outstanding Accounts Receivable System, Software is under development to monitor RSO operations. As a step towards rationalisation of linkage and monitoring of supply a data base of 20,000 consumers has been developed detailing their requirement and technical parameters.

In the areas of Project Planning, Monitoring and Control a PC-based software named "COAL PROM" has been developed by inhouse expertise. The software has been tailor made for Coal India's Project Management requirements. It has been decided that all projects costing Rs. 20 crores and above will be provided with a PCXT/AT to help the project executives to use 'COALPROM'. Action has been taken to implement the package in thirty such projects within 1989-90.



## 9.4 Geological Exploration & Drilling:

During the year 1988-89 a total of 3,98,383 mtrs. of Drilling was carried out in 112 blocks spread over 26 coalfields in the States of West Bengal, Bihar, Orissa, M.P., Maharashtra, Assam and Meghalaya.

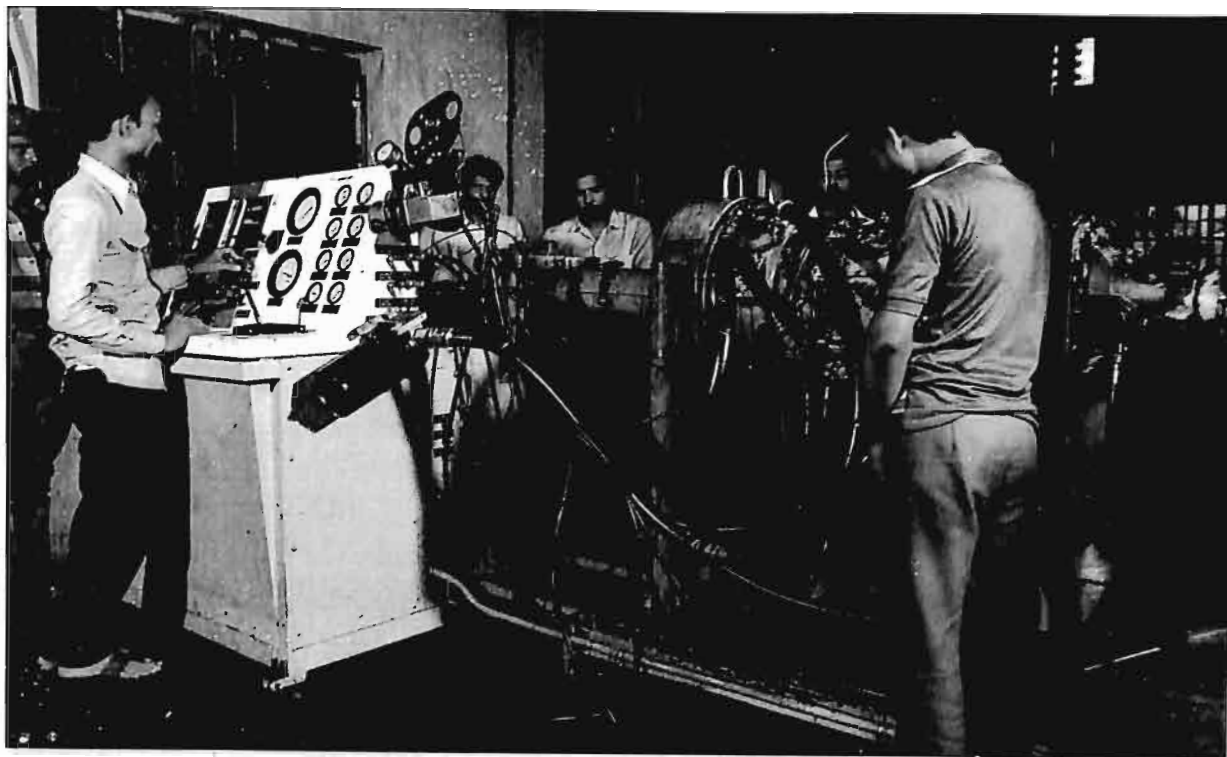
The above task was carried out by CMPDIL in association with MECL, State Govts and Private agencies. For detailed exploration, a total of 163 Nos. of Drills were engaged of which 45 were by CMPDIL, 93 by MECL, 17 by State Govts. and 8 by Private agencies. The overall productivity of all the agencies engaged in coal exploration increased to 203 Mtrs. per Drill per month as compared to 170 Mtrs. per Drill per month of the last year. Operational Drills of CMPDIL including drilling for Lignite in Marta Road, attained a productivity of 278 Mtrs. per Drill per month against 281 Mtrs. per Drill per month last year. The marginally lower productivity is due to unfavourable drilling conditions in Marta Road. However, productivity of the operational Drills of CMPDIL excluding Marta Road was 273 Mtrs/Drill/Month in the year under review against 268 Mtrs/Drill/Month of 1987-88. The total drilling carried out by all agencies during the year under report was 5% more than that of 1987-88. The meterage achieved by Drills of CMPDIL was 1,49,497 Mtrs. which was about 7% higher than the target of 1,40,000 Mtrs. for 1988-89 and about 3% more than the actuals for 1987-88.

During the year under report 58 Geological Reports/Notes/Appraisals were prepared based on which 2756 million tonnes of Coal reserves were estimated of which 2672 million tonnes were under "Proved Category" out of which 1677 million tonnes were quarriable.

Exploration activities were mainly directed towards proving metallurgical coal resources in the Jharia, Sohagpur, Pench-Kanhan Valley and East and West Bokaro Coalfields and quarriable coal resources suitable for power generation in Rajmahal, North Karanpura, Singrauli, Korba, Ib and Talcher Coalfields. Emphasis was also laid on proving good quality non-coking coals in Raniganj and other coalfields.



*An underground mine worker.*



*R & D - Testing before field use.*

## 9.5 Research and Development

CMPDIL, a Subsidiary of Coal India Limited has been entrusted with the function of co-ordination and monitoring of research and development activities in the Coal Sector funded through Science and Technology grant of Department of Coal. CMPDIL is also involved in planning, programming, budgeting and overseeing the implementation of Research Projects in Coal Sector and seeking application of research fundings.

During the year 60 projects were under implementation by more than 20 agencies/institutions including a number of Divisions of CMPDIL. A sum of Rs. 8.16 crores (Provisional) was disbursed amongst the various implementing agencies during the year and 12 projects were successfully completed in 1988-89. The major achievements during the year in the field of R&D were as follows:-

- The system of crushed overburden as substitute to river sand for hydraulic stowing has been established at Loyabad Colliery of BCCL.
- Trials with sand and other materials has been completed at Pilot Plant with a view to improve rate and range of stowing in low head collieries of SCCL.
- Trials of beneficiated non-coking coal from Nandan Washery at Satpura Thermal Power Station have been successfully completed with a view to evaluate the benefits of using beneficiated non-coking coal in power houses.
- For the extraction of developed thick seam, blasting gallery method has been introduced for the first time in India at East Katras Colliery, BCCL for better levels of recovery.
- To extract coal locked up below built up structures, wide stall method of mining has been introduced at East Bhagatdih Colliery, BCCL.
- Scientific investigations and design of appropriate system of support has led to large scale introduction of mechanised Bord & Pillar development and depillaring. This system has already been introduced in about 43 mines and in another 30 mines is under preparatory stage.

## 9.6 Project formulation

During the year CMPDIL has prepared 45 Project Reports, 26 Revised Cost Estimates/Revised Project Reports, 61 Environmental Management Plans, 58 Geological Reports/Draft Geological Reports and 26 Reports on Workshops and Coal Handling Plants. The mining projects with an additional investment of Rs. 2956.55 crores will generate an additional capacity of 38.37 million tonnes of coal.

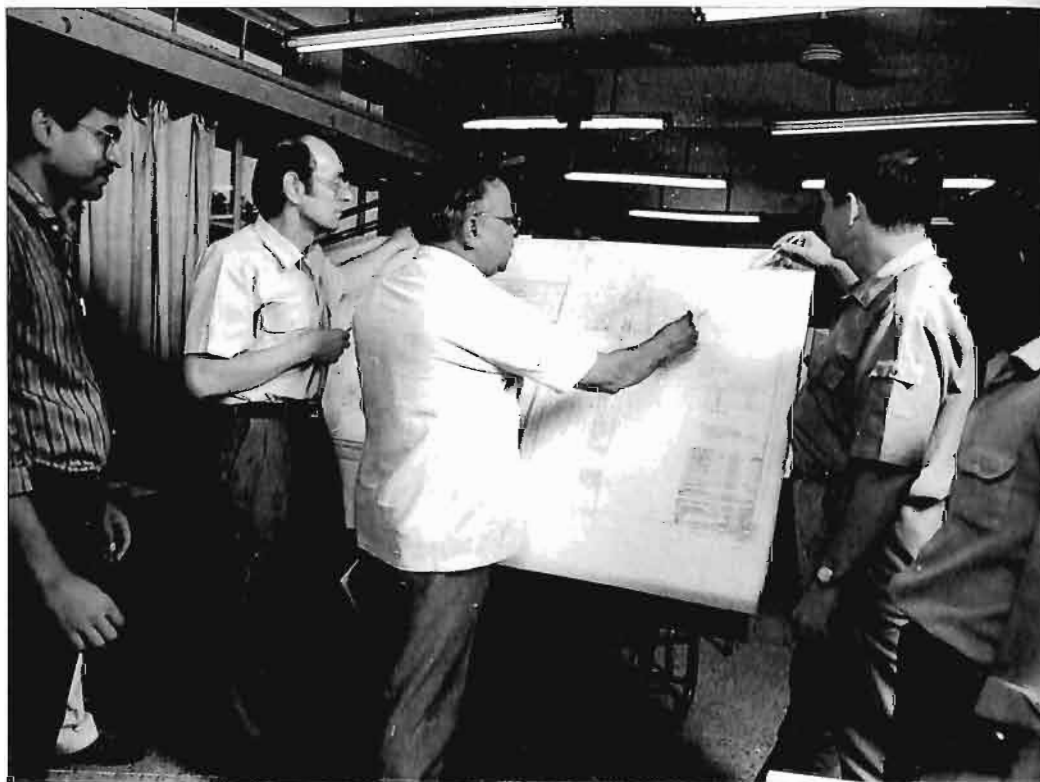
## 10.00 Foreign Collaboration

CIL has collaboration agreements with USSR, France, FRG, UK, Poland, Canada, Australia and GDR for selective import of technology consistent with the local requirement for improving Production, Productivity, Safety and better rates of coal recovery. To achieve the objective of importing high technology, bilateral meetings at Government level were held with Canada, GDR, France, UK, Poland and USSR. The areas of co-operation include assistance for specific projects from the initial stage of planning, project implementation and completion. While considering equipment imports for such bilateral projects the availability of foreign assistance for purchase of equipment and other technical services are always given weightage.

Considerable emphasis is given on turnkey approach for speedy transfer of technology together with performance guarantee.

## 11. World Bank Assistance

Foreign assistance through IBRD has been made available in respect of (i) Dudhichua Coal Project of NCL, (ii) Jharia Coking Coal Project comprising of Block-II OCP, Pootkee, Balihari Underground Project with Pootkee Washery of BCCL, (iii) Gevra Expansion OCP(SECL) and (iv) Sonepur Bazari Opencast Project (ECL).



*Foreign collaboration — Indian and foreign engineers at CMPDI.*

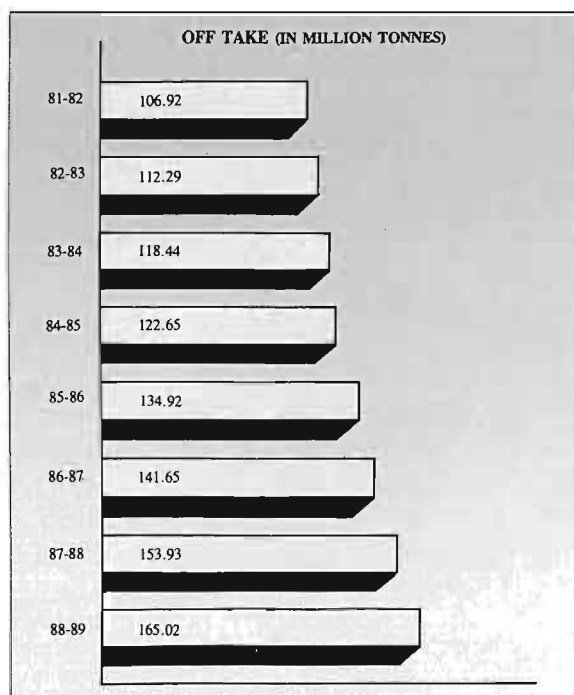
## COAL MARKETING

### 12.1 Demand & Off-take of Coal

Demand for coal on CIL was assessed at 173.30 million tonnes of Raw Coal for the year 1988-89. Against this demand, the actual off-take of Raw Coal was 165.02 million tonnes showing demand materialisation of 95.2%, as against the corresponding figure of 94.1% in 1987-88, on the basis of assessed demand of 163.55 million tonnes and the actual off-take of 153.93 million tonnes. Sector-wise details are given below:



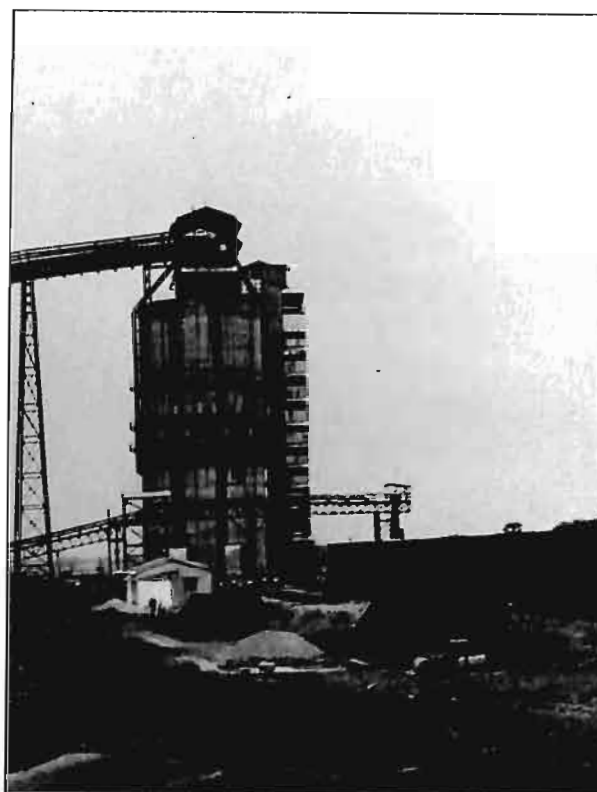
*Opencast mining - greater mechanisation to boost production.*



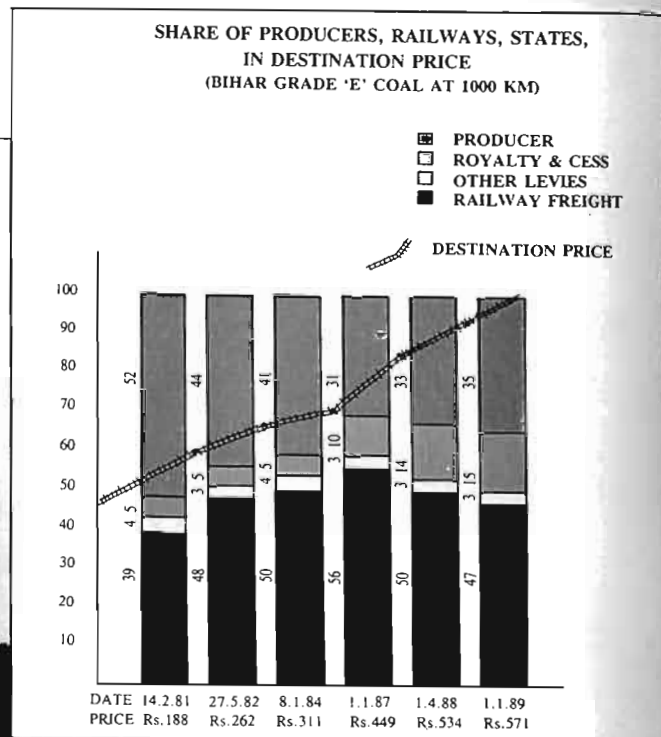
(Figures in Million Tonnes of Raw Coal)

Sector	1988-89			1987-88		
	Demand	Off-take	Demand materialisation	Demand	Off-take	Demand materialisation
Power (Utility)						
Raw Coal	90.81	89.24	98.3	80.40	82.18	102.2
(Middlings)	(3.80)	(2.15)	(56.3)	(3.90)	(1.97)	(50.5)
Steel	22.50	20.32	90.3	23.70	19.47	82.1
Loco	6.00	5.57	92.8	6.50	6.36	97.8
Cement	7.67	7.65	99.7	7.60	6.48	85.3
Fertilizer	4.30	3.54	82.3	4.00	3.50	87.5
S/Coke making	2.85	1.73	60.7	3.50	1.88	53.7
Export	0.30	0.19	63.3	0.35	0.17	48.6
BRK/Others	35.35	33.28	94.1	34.00	30.41	89.4
Colliery consumption	3.52	3.50	99.4	3.50	3.48	99.4
Total:	173.30	165.02	95.2	163.55	153.93	94.1

It would be observed from the table that demand materialisation of power sector which constitutes about 52% of the total demand was to the extent of 98.3%. This figure would have been still higher, but for restricted offtake by Northern India Power Houses. Demand materialisation in other priority sectors like steel, loco, cement, low priority consumers was above 90%. The stock of coal with all these priority sectors remained satisfactory throughout the year. At the end of March '89 stock of coal with the power sector stood at 46.36 lakh tonnes equivalent to 13 days of daily average consumption, with steel 5.32 lakh tonnes, equivalent to about 14 days' daily average consumption, with cement 8.60 lakh tonnes equivalent to 19 days' requirement.



*A new thrust to marketing.*



## 12.2 Despatches

Actual sale of coal and coal products by various modes during the year 1988-89 was 157.36 million tonnes against 146.10 million tonnes in the preceeding year. Modewise break up for the last 2 years are tabulated below:-

(Figs. in Million Tonnes)

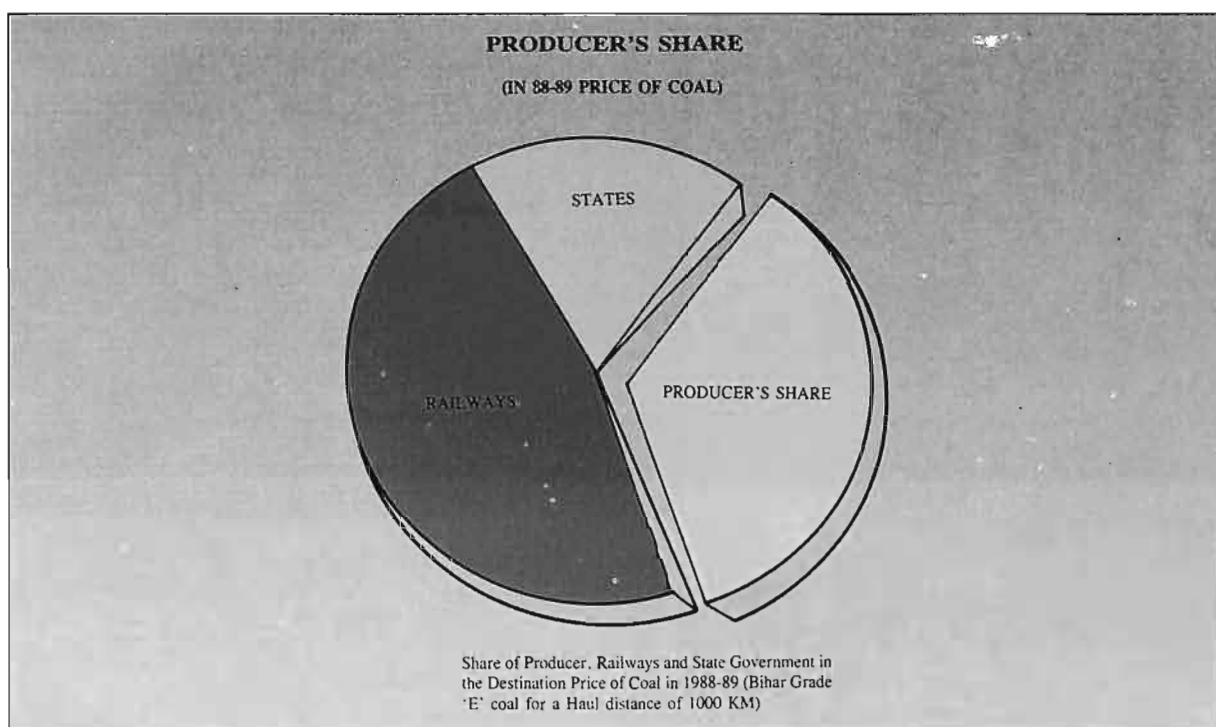
Year	Rail	Road	MGR	Rope	Belt	Overall
1988-89	98.22	28.82	20.55	4.01	5.76	157.36
1987-88	94.78	26.20	15.06	4.30	5.76	146.10

It would be observed from the table that highest increase has taken place in despatches through MGR where the despatches went up from 15.06 million tonnes to 20.55 million tonnes registering a growth rate of 36% during the year under review.

Daily average loading of wagons in 1988-89 attained a level of 12224 wagons per day which is 486 wagons per day higher as compared to last year. Following table gives daily average loading target and actual daily average offer, supply and loading of wagons. It would be observed that achievement of loading target was 96.3% in 88-89 compared to 95.5% in 87-88.

(Figs in FWW/Day)

Year	Loading Target	Offer	Supply	Loading
1988-89	12690	12998	12361	12224
1987-88	12290	12229	11925	11738



*Freight movement by rail-catering to individual customer requirements.*

## 12.3 Quality Improvement

CIL has laid great stress on consumer satisfaction. Complaints received from different sectors of consumers are regularly monitored, analysed and corrective action taken. Coal seams being won by underground mining or Opencast operations are being checked periodically and grades are revised depending on such periodical sample analysis. Supervision of wagon loading at the collieries have been tightened. All classes of consumers have been given the option of Supervising loading of wagons at the collieries. A complaint book is being maintained at the loading points for recording the observations of the consumers. Corrective actions are being taken on the basis of such observations.

In order to ensure loading of uniform size of coal free from extraneous material, CHPs have been commissioned at various loading points. Places where CHPs do not exist, collieries have been directed to arrange for the breaking of over size coal and segregate extraneous materials by manual means. Till 1988-89, 230 CHPs (78 major 152 minor) with installed capacity of 112.40 million tonnes per year have been commissioned.

In order to maximise consumer satisfaction on proper loading/weightment of coal supplies a number of steps have been taken as a result of which out of 257 Rail loading points at the Coalfields, 243 are now covered by weighbridges. Out of these 176 are covered by CIL weighbridges and 67 by Railway Weighbridges.

During 88-89, 30 mechanical weighbridges have been converted to electronic print out systems. 5 in-motion electronic weighbridges and 5 electronic static weighbridges were also installed.

*CHP's and stockyards cater to consumer satisfaction.*



## 12.4 CIL Stockyards

There were 51 ground stockyards of CIL in operation during the year 88-89. In addition to these stockyards, 11 notional stockyards were also in operation. The total receipt of coal and soft coke in these stockyards during 88-89 was 11.38 lakh tonnes as compared to receipt of 10.13 lakh tonnes in the previous year i.e. 87-88. Sale of coal/coke from these stockyards during 88-89 was to the tune of 10.19 lakh tonnes as compared to 10.40 lakh tonnes in the previous year. The closing stock of coal/soft coke as on 31.3.89 was 1.85 lakh tonnes as compared to 1.13 lakh tonnes in the previous year.

## 12.5 Foreign Exchange Earning

The overall coal/coke export from CIL during 1988-89 was about 2.06 lakh tonnes. Coal export was made to Bangladesh/Nepal and Bhutan. Of these export to Bangladesh only was against foreign exchange. This resulted in foreign exchange earning of about US \$ 5.6 million which was received by MMTC, the canalising agency for export of coal.



### 13.1 Safety

During 1988-89 a new thrust was given for safety by improving the safety standards in the Mines. The Internal Safety Organisation (ISO) has been made multi-disciplinary and strengthened from mine level to company level by adequate staffing so that regular Safety Audit of the mines can be carried out and implementation of Safety Action Plans could be ensured. The Internal Safety Organisation at Subsidiary Company levels are now headed by a Senior Officer of the rank of Chief General Manager.

Full participation of workers in Safety Management of mines has been ensured by constitution of Bipartite Pit Safety Committees, Tripartite Committees at Area level and Company level and Coal India Safety Board at Apex level. The progress of implementation of Safety measures is regularly reviewed by these Committees and slippages, if any, are taken up for corrective actions.

To involve workmen in Safety Management in mines, steps were taken for appointment of workmen's Inspectors at unit levels who are free to make independent inspection of mines and give their observations to the Management.

Steps have been taken for implementation of the recommendations of Safety Conferences and the decisions of the Standing Committee on Safety.

A thrust on training and retraining of workmen is given in order to improve their skill as well as safety awareness. Vocational Training Centres are in the process of re-activation and help of agencies like National Council for Safety in Mines (NCSM) is being availed of to supplement the efforts made by the training department of the Companies.

Special thrust on roof support and safety operation of machinery are given since maximum number of accidents are caused due to roof falls and due to machinery including haulages. The steps include introduction of steel supports, introduction of safe technologies like longwall as well as increasing thrust on opencast mining. Safety aspects of operations of HEMM in opencast mines and haulages in underground mines are being given top priority.

Telemonitoring is being progressively introduced in increasing numbers of highly gassy mines to keep a check on mine environment. Steps for improvement of tele-communication systems in underground mines have been taken up. In order to reduce accidents at coal faces, underground mechanical loaders like SDLS and LHDS are being progressively introduced in large numbers for elimination of manual loading. The main roadways in underground mines are also being progressively supported by steel supports.

A system of *periodic medical examination* of workmen has been introduced and initial medical examination of all existing employees have been by and large completed.

The Company-wise position of fatal accidents and fatalities and number of seriously injured persons during 1988-89 and 1987-88 is tabled below:

Company	No. of Fatal Accidents		No. of fatalities		No. of seriously injured persons	
	1988-89	1987-88	1988-89	1987-88	1988-89	1987-88
ECL	33	26	40	30	91	67
BCCL	39	28	41	28	85	130
CCL	17	18	18	18	32	33
NCL	5	6	5	6	7	3
WCL	18	23	19	23	192	203
SECL	16	20	19	23	107	87
NEC	Nil	2	Nil	2	1	8
Total	128	123	142	130	515	528



## 13.2 Mine Rescue Services

The Rescue Stations which were earlier administered by Coal Mines Rescue Station Committee, was taken over by CIL and re-organised as well as restructured. The Rescue Organisation at Subsidiary level is now headed by a Senior Officer of the rank of General Manager (Rescue). Training of suitable manpower to meet the requirement of rescue services has been taken up and upgradation of facilities at rescue stations and construction of new rescue stations has been taken up on an urgent basis.

Project Reports on rescue services were drawn up and action plan formulated by Subsidiary Companies was taken up for implementation.

During the year 1988-89, 224 additional field volunteers were inducted and trained. Action was taken to introduce incentives like Rescue Station allowance and enhancement of refresher practice allowance in order to attract suitable persons for Rescue Service. Long Term requirement of mine Rescue equipment has been ensured. A Committee on Rescue equipment constituted by Deptt. of Coal is deliberating on choice of equipment for Rescue Services. All India open mine Rescue competition was held in 1988-89 in BCCL. This helps keep the rescue services in constant preparedness.



*Mine rescue*

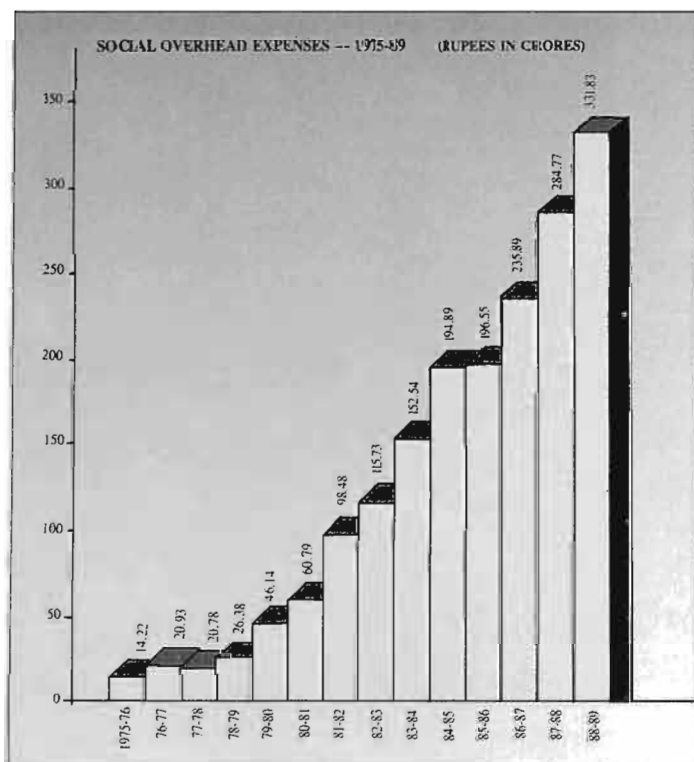
## 14.1 Human Resources Development and Training

During the year under review, the thrust in training and development activities to meet the shortage of skilled and highly skilled personnel in all disciplines as in the previous year was continued. Arrangements were also made for training abroad in a wide range of technologies, particularly in respect of operation and maintenance of highly sophisticated underground and open cast equipment, to cope with our modernisation programme.

The details of training and development activities during the year 1988-89 and 1987-88 are indicated below:



*An HRD Programme on corporate culture*



CATEGORY	No. of persons trained	
	1988-89	1987-88
Executives	10605	8492
Supervisors	7884	8851
Workers/miners	113322	94245
Trainees	1522	2880
<b>Total</b>	<b>133333</b>	<b>114468</b>

### In-Company Training

Executives	8489	7139
Supervisors	7622	8609
Workers/Miners	112748	93648
<b>Total</b>	<b>128859</b>	<b>109396</b>

### External (within India)

Executives	2116	1241
Supervisors	262	238
Workers/Miners	574	595
<b>Total</b>	<b>2952</b>	<b>2074</b>

### External (Abroad)

Executives	111	112
Non-Executives	10	6
<b>Total</b>	<b>121</b>	<b>118</b>



## 15. Manpower

Total manpower of your company and its subsidiaries was reduced by 3581 from 674021 as on 31.3.1988 to 670440 as on 31.3.1989. Companywise manpower is as given below:

	As on	Executives	Supervisory/ Clerical	Skilled/Semi- skilled/unskilled	Non-categorised (Others)	Total
		1	2	3	4	5
ECL	31.3.88	3110	20638	161919	1325	186992
	31.3.89	3251	20508	159127	1216	184102
BCCL	31.3.88	3269	17234	151127	768	172398
	31.3.89	3590	17185	147912	708	169395
CCL	31.3.88	2731	11896	89633	184	104444
	31.3.89	3002	11798	87621	173	102594
WCL	31.3.88	1564	7888	70835	—	80287
	31.3.89	1879	8142	70841	—	80862
SECL	31.3.88	2367	11341	93372	156	107236
	31.3.89	2733	12127	94241	—	109101
NCL	31.3.88	820	1965	8832	4	11621
	31.3.89	928	2160	9957	4	13049
NEC	31.3.88	101	552	4744	—	5397
	31.3.89	112	578	4676	—	5366
CMPDI	31.3.88	1132	885	1976	—	3993
	31.3.89	1141	910	2058	—	4109
CIL(HQ) & DCC	31.3.88	380	904	366	3	1653
	31.3.89	405	932	522	3	1862
CIL as a whole	31.3.88	15474	73303	582804	2440	674021
	31.3.89	17041	74340	576955	2104	670440

Casual, Badlis and company trainees included  
Ex-CMLWO Non executives and others are included.



## 16. Industrial Relations

During the year under review, industrial relations remained cordial. Subsidiarywise number of strikes, law and order disturbances mandays lost and loss of Coal production are indicated below:

	No. of Strikes		Law & order disturbances No. of incidents		Mandays lost (lakhs)		Coal Production loss (Lakh tonnes)	
	87-88	88-89	87-88	88-89	87-88	88-89	87-88	88-89
ECL	17	13	105	72	0.138	0.237	0.128	0.237
BCCL	23	11	91	27	0.399	0.196	0.476	0.359
CCL	16	7	73	59	0.192	0.963	0.037	0.260
WCL	6	10	22	47	0.067	0.396	0.086	1.141
SECL	14	24	69	76	0.017	0.297	0.217	0.164
NCL	—	1	14	20	—	0.440	—	—
NEC	—	—	7	—	—	—	—	—
CMPDIL	—	—	1	—	—	—	—	—
Total	76	66	382	301	0.813	2.529	0.944	2.161

**Note:** (1) There was no general strike in 1988-89 affecting Coal Industry as a whole.

- (2) 0.21 lakhs mandays lost and 1.15 lakhs tonnes of production lost during 1988-89 in BCCL (not included in the above table) was due to the strike by Officers' Association on the actions taken by law and order authorities of Dhanbad.
- (3) 0.53 lakhs mandays lost and 0.29 lakhs tonnes of production lost during 1988-89 in ECL due to Bengal Bandh on 14.9.1988 (not included in the above table).
- (4) 786 mandays lost in CIL(HQ) and DCC in 1988-89 was due to Bengal Bandh on 14.9.89 (not included in the above table).



*Mechanisation underground - worker on a riding chair*



*Afforestation — a little known facet of CIL, but one of the reflections of a greater social awareness.*

## 17. Environmental management and social amenities

Sustained efforts were being continued during the year to provide more welfare and social amenities by constructing more hospital buildings, water supply arrangements and also providing more medical and educational facilities, the position of which is indicated in the table given below:

Amenities	Units	1987-88	1988-89
1. Houses	Additional Construction	12889	9185
2. Water Supply.	Additional population covered	83003	62570
3. School/College	Actual Number	921	1020
4. Co-operative Credit Societies	Actual Number	156	168
5. Co-operative stores	Actual Number	174	174
6. Banks and Bank Counters	Actual Number	205	205
7. Ambulance	Actual Number	545	562
8. Hospital	Actual Number	75	77
9. Hospital Beds	Actual Number	4468	4688
10. Creches	Actual Number	219	217
11. Canteens	Actual Number	371	388

During the year under review thrust has been bestowed on more welfare amenities and games through Coal India Welfare Board and Sports Control Board of CIL.



*Social awareness--housing roads, drinking water supply for the coal family.*



*Improvement of the quality of life leads to an efficient worker CIL cares for the coal family providing, Schools, Medical, facilities and other infrastructure.*



*Promoting Culture - Nursery children entertaining their adults.*



*Not all work CIL takes a lead in sports too.*



*Enhanced amenities — part of a greater effort for well being of the coal family.*



## 18. Capital Projects/Schemes

Presently there are 284 Coal Projects, each having an initial capital outlay of Rs. 2 Crores and above with the total sanctioned capital outlay of Rs. 7814.56 crores and ultimate capacity of 223.61 million tonnes per annum. Out of these 284 Projects, 85 Projects are completed and balance 199 Projects are in different stages of construction.

Besides these Projects, there are 151 non coal Projects/schemes each having an initial capital outlay of Rs.2 crores and above, with the total sanctioned capital outlay of Rs.1481.08 crores out of the above, 5 major Projects namely Sudamdih Washery, Moonidih Washery, Barora Washery, Nandan Washery and Jogta Fire are completed while Dankuni Coal Complex and Rajrappa Washery are nearing completion.

The major non-coal Projects under construction are Madhuband Washery, Kedla Washery, Central Workshop at Singrauli, Captive Power Plants at Moonidih, Kathara and Chinakuri, Central Workshops at Chandrapur, D & F Ropeways in BCCL etc. 22 Projects of Advance Action Schemes for Coal Projects with a total initial capital outlay of Rs.73.26 crores are also under implementation.

During 1988-89, CIL Board sanctioned/approved 21 Projects/Schemes (including Revision/Expansion and updated Cost-Estimates). Companywise details of projects and schemes sanctioned/approved by CIL Board during 1988-89 are given below:

	Projects	Expansion/ Revision/RCE	Others (including Advance Action & UCE)	Total
ECL	—	1	2	3
BCCL	—	1	1	2
CCL	5	3	3	11
NCL	—	3	—	3
WCL	1	—	—	1
SECL	—	—	—	—
NEC/CMPDI/CIL	—	1	—	1
Total	6	9	6	21

During 1988-89, the following Coal Projects have been sanctioned by the Government.

Sl. No	Projects	Capacity (mty)	Capital (Rs. Crores)
1.	K.D. Hesalong OC (RCE) CCL	1.50	37.56
2.	Rajmahal OC EXP.ECL	10.50	562.70
3.	Jhingurdah OC (RCE) NCL	3.00	63.11
		15.00	663.37

22 Coal Projects including RCE/RPR are pending with Government for sanction (ECL-7, BCCL-2, CCL-3, NCL-2, WCL-4, SECL-4).

## 19. Dankuni Coal Complex

The project was sanctioned by Govt. of India in July, 1980 at a cost of Rs.49.27 crores with an objective to process 2000 tonnes per day of sized Raniganj non-coking coal to produce smokeless solid fuels (CIL-coke) 1000 tonnes per day, 18-20 million cubic feet of pollution free gas and about 28,000 to 30,000 tonnes per year of various tar chemicals and other by-products. The turn-key execution of the project (excluding township and main power receiving station) was awarded to M/s. Heavy Engineering Corporation Ltd., Ranchi on March, 1981 at a cost of Rs. 56.25 crores with an in-built escalation formula operating upto Sept, 1984. The township was awarded to M/s. NPCC and the sub-station work was taken up departmentally.

M/s. Heavy Engineering Corporation Ltd. could not complete the turn-key execution of the project as scheduled and sought a number of extensions and claimed escalation in cost of Rs.25.70 crores. The capital cost was revised to Rs.117.77 crores on account of escalation and time over-run.

The Revised Cost Estimate as approved by PIB on March, 1987 was further updated on August '88 and the updated RCE at Capital Cost of Rs. 135.37 crores is awaiting approval of the Govt. of India.

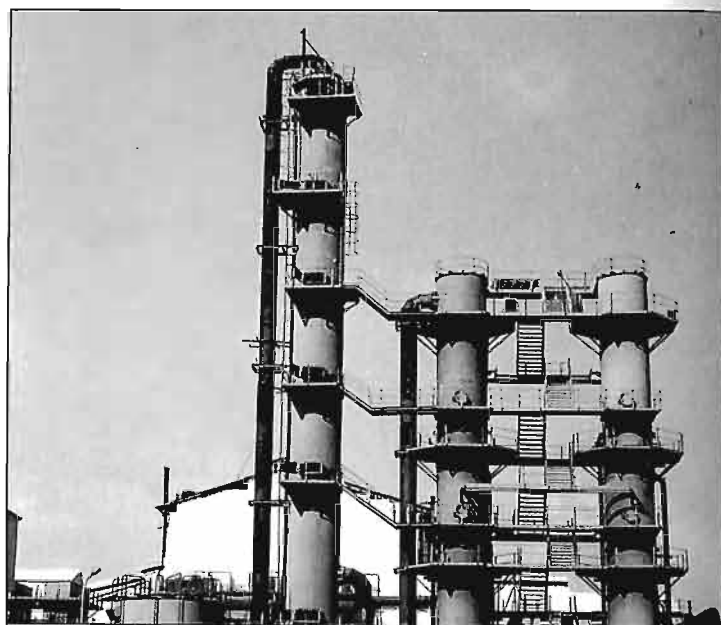
### Marketing of Dankuni Product:

During trial run of the plant from 2.6.89 to 20.6.89, products such as smokeless solid fuel (presently named as 'CIL COKE'), Crude tar, coal and coke fines were generated. These are being marketed.

### Status of gas supply agreement with GCGSC:

Because of increase of coal price with effect from 1.1.89 as well as substantial increase of other input cost (power, wage etc.) and statutory levies, the Project became economically non-viable with Ex-Dankuni Gas price of Rs.8.50 per therm as agreed on July, '87. In order to restore the viability of the Project and to keep its commitment for keeping gas price constant at the level of Rs.8.50 per therm for 3 years, CIL proposed to absorb the cost increases on account of coal price and NCWA-IV while the Govt. of West Bengal should keep the cess per tonne of coal at the same level in rupee term as in January '86 as also the power cost.

The other commercial terms and conditions in connection with gas supply agreement between Greater Calcutta Gas Supply Corporation and Coal India Limited, was however finalised on 28.6.1989.



*Dankuni Coal Complex — massive boost to modernisation.*

## 20. Energy Conservation

Realising the importance of Energy Conservation in to-day's context, the work of energy conservation has been taken up since 1987-88. Long term and Short term Plans were made and initiated. First Annual Action Plan was launched in 1987-88. Annual Action Plan for 1988-89 was also drawn and successfully implemented. Action Plan for 1989-90 drawn in 1988-89 is under implementation.

Coal India's efforts in the sphere of Energy Conservation are as below:

- i) Conservation of Coal at source, in exploitation and in beneficiation;
- ii) Energy Conservation in transportation;
- iii) Efficient utilisation of Coal at consumer end;
- iv) Energy (Electricity) Conservation in Coal production and related activities.

The efforts in the first three spheres are on a long term and on a continuing basis. They are showing results by way of conservation of Coal and Energy in exploitation, Coal beneficiation, transportation and utilisation at consumer end. However, these cannot be quantified in financial terms on yearly basis. The efforts on item (iv) i.e. Electricity Conservation in Coal production and related activities can be split on yearly basis, targets laid down on annual basis and financial savings quantified.

### Highlights of achievements in 1988-89:

Efforts at Energy conservation on a total system basis with annual action plans have shown extremely encouraging result in the year under review. The highlights are:

- i) An overall saving of 4% in specific energy consumption per tonne of coal against 2.5% of the previous year;
- ii) An overall financial saving of Rs.7.70 crores in direct power costs alone in 1988-89 against a saving of Rs.4.46 crores in the previous year. This is besides the indirect savings of reduced maximum demand by way of improved power factor.



Shri M.P. Narayanan, Chairman and Shri B Swaminathan Director (Finance), CIL with Shri N.D. Prabhu, Chairman Canara Bank, during signing of leasing agreement with Canbank Financial Services.

- iii) Finalisation of Energy Audit Manual for Coal India and its Subsidiaries and follow-up action on 14 Energy Audit Case Studies for implementation. This unique work of Energy Audit manual with its case studies of energy audit and follow-up has received commendation from Government authorities and has become a model for other industries and public sector.
- iv) Training up of 291 persons in Energy conservation technique.
  - v) Completion of 56 Energy Audits, and
- vi) Organisation of a National Seminar on Energy Conservation in Coal Sector on 4th February, 1989 at Delhi during National Energy Conservation week. This seminar with 20 excellent technical papers on the subject and National awards for Energy Conservation permitted exchange of practical expertise for further improvement besides boosting up the morale of the people for this work.

Specific saving projected on account of energy conservation in various Subsidiaries for 1989-90 ranges from 1.5 to 5%. Energy conservation for Coal India on an overall basis for the year 1989-90 will be slightly higher than 5% over 1987-88 i.e. slightly better than the target fixed by the Committee of Secretaries for all Sectors. Considering the special position of mining sector where specific energy consumption per unit of product normally increases due to continuing depletion and increasing distances in UG Mines. This has been considered as commendable achievement by the Advisor, Energy Conservation, Government of India.

## 21. NCWA-IV Agreement

National Coal Wage Agreement-III was in operation upto 31st December '86. The Joint Bipartite Committee for the Coal Industry (JBCCI-IV) was reconstituted in October, 1986 by the Government of India to consider the Charter of Demands of the Central Trade Unions and to negotiate a new wage agreement in mutual consultation with the Management.

The JBCCI had a series of meetings and arrived at an Agreement in respect of various demands of the Coal workers including revision of wage structure, allowances and various other fringe benefits and creation of conditions for improving the quality of life of coal workers by providing welfare amenities like residential houses, water supply, hospitals, dispensaries, ambulances and other medical facilities, educational and recreational facilities, canteens, community centres etc. The NCWA-IV was signed at Calcutta on 27th July, 1989.

## 22. Board of Directors

During the year under review, Shri G.L. Tandon, Chairman retired on 8.11.1988 and Shri M.P. Narayanan, CMD, Neyveli Lignite Corporation was appointed as Chairman on 15.11.1988. Whole-time Directors S/Shri K.A. Sinha, A.V. Brahma and B. Swaminathan continued as Director (Technical), Director (P & IR) and Director (Finance) respectively. Since the last Annual General Meeting, S/Shri Arun Bhatnagar and Mahip Singh retired from the Board while S/Shri N. Ramji, S.P. Mathur and S.P. Puri were appointed as Directors on the Board.

During the year 1988-89, nine Meetings of the Board of Directors were held. In terms of Article 33(d) (iii) of the Articles of Association of the Company all the Directors excepting Chairman and whole time Directors shall retire at this meeting and they are eligible for re-appointment.

## 23. Accounts of the Subsidiaries

The copies of Accounts of the Subsidiaries for the year 1988-89 are attached in Vol-II of the Annual Report and Accounts of your Company in compliance with requirement of Sec.212 of the Companies Act, 1956.



## 24. Acknowledgement

Your Directors sincerely appreciate the contribution made by the employees at all levels in your Company and its Subsidiaries and are confident that the employees would continue to strive hard to improve performance in the years to come. Your Directors also wish to place on record their sincere thanks for the support and guidance received from the various departments of the Central Government particularly, the Department of Coal. The services rendered by Statutory Auditors, Tax Auditors, the Comptroller and Auditor General of India, members of Company Law Board, Registrar of Companies, West Bengal and our Bankers are commendable.

## 25. Addenda

The following papers are annexed:

- i) The comments and review of the Comptroller and Auditor General of India,
- ii) Replies to observation made by the Statutory Auditors on the Accounts for the year ended 31.3.1989,
- iii) Statements pursuant to Sec.212(i)(e) of the Companies Act, 1956 and
- iv) The names and other particulars of the employees of the Company who are in receipt of remuneration not less than Rs.6,000/- per month stated in the Annexure in compliance with the provisions of Sec 217 (2A) of the Companies Act, 1956 read with the Companies (Particulars of employees) Rules, 1975.

For and on behalf of the  
Board of Directors

Dated: 30th September, 1989  
Calcutta.

**M.P. Narayanan**  
Chairman



# BALANCE SHEET

As at 31st March, 1989

(Rupees in lakhs)

	Schedules	Current year		Previous year
<b>Sources of Fund</b>				
Shareholders Fund				
Share Capital	A	476255.27	408710.29	
Amount and/or consideration received against equity pending allotment	B	160.62	3323.63	
Reserve & Surplus	C	344.77	344.77	412378.69
		<hr/>	<hr/>	
Loan Fund				
Secured	D	21673.28	16936.30	
Unsecured	E	392469.37	367017.99	383954.29
		<hr/>	<hr/>	
<b>Total Funds Employed</b>		<b>890903.31</b>		<b>796332.98</b>
		<hr/>	<hr/>	
<b>Application of Funds</b>				
Fixed Assets				
A.Fixed Assets	F			
Gross Block		6406.52	5523.25	
Less: Depreciation		2274.00	1876.67	3646.58
		<hr/>	<hr/>	
B.Capital work-in-progress			9373.83	6857.52
C.Expenditure during construction period			3268.53	2387.51
Investment	G		402458.08	255553.60
Current Assets, Loans & Advances				
Inventories	H	3881.68	2509.96	
Sundry Debtors	I	403.89	290.31	
Cash & Bank Balance	J	758.50	541.30	
Loans & Advances	K	471529.18	530513.16	
		<hr/>	<hr/>	
Less: Current Liabilities & Provision	L	476573.25	533854.73	
		16046.80	16928.55	516926.18
		<hr/>	<hr/>	
Net Current Assets			460526.45	
A.Miscellaneous Expenditure (to the extent not written off or adjusted)	M	330.62	221.49	
B.Profit & Loss Account		10813.28	10740.10	10961.59
		<hr/>	<hr/>	
			11143.90	
		<b>890903.31</b>		<b>796332.98</b>
		<hr/>	<hr/>	
Accounting Policy and Notes to the Accounts are forming part of the Accounts				
	N			
<b>U. Suryanarayana</b> Company Secretary	<b>R. Srinivasan</b> Chief General Manager	<b>B. Swaminathan</b> Director (Finance)	<b>M.P. Narayanan</b> Chairman	

**U. Suryanarayana**  
Company Secretary

**R. Srinivasan**  
Chief General Manager  
(Finance)

**B. Swaminathan**  
Director (Finance)

**M.P. Narayanan**  
Chairman

As per our separate report of even date  
For M/s. Gupta & Mitra  
Chartered Accountants.

Calcutta  
Dated the 28th September, 1989

**S.S. Dhar**  
Partner.



# Profit & Loss Account

## For the year ended 31st March, 1989

(Rupees in lakhs)

	Schedules	Current year	Previous year
<b>Income</b>			
Sale of Coal, Coke etc.	1	11039.03	9525.97
Coal issued for other purposes per contra	2	129.60	112.76
Other Receipts	3	7763.30	6917.73
Accretion in Stock	4	1246.67	270.87
		<b>20178.60</b>	<b>16827.33</b>
<b>Expenditure</b>			
Purchase of Coal, Coke etc.		5398.20	3960.27
Employees Remuneration & Benefits	5	2153.83	1855.81
Consumption of Stores & Spare Parts	6	262.75	251.23
Power & Fuel	7	180.18	154.79
Repairs (Purchased)	8	63.74	32.52
Contractual Expenses	9	1890.37	1733.62
Social Overhead	10	359.54	320.62
Depreciation		304.61	257.25
Interest	11	6677.73	6235.64
Provision	12	33.79	46.16
Contribution to Coal Price Regulation Account		622.48	499.40
Coal issued for other purposes per contra	13	19.32	14.83
Other Expenditure	14	2174.85	1630.36
		<b>20141.39</b>	<b>16992.50</b>
Profit/Loss for the year		37.21	(—) 165.17
Prior Period Adjustment	15	(—) 110.39	28.32
Loss for the year (after Prior Period Adjustment)		(—) 73.18	(—) 136.85
Balance of loss carried forward from previous year		(—) 10740.10	(—) 10603.25
Balance of loss transferred to Balance Sheet		<b>(—) 10813.28</b>	<b>(—) 10740.10</b>

**U. Suryanarayana**  
Company Secretary

**R. Srinivasan**  
Chief General Manager  
(Finance)

**B. Swaminathan**  
Director (Finance)

**M.P. Narayanan**  
Chairman

As per our separate report of even date  
For M/s. Gupta & Mitra  
Chartered Accountants.

Calcutta  
Dated the 28th September, 1989

**S.S. Dhar**  
Partner.



# Schedule to Balance Sheet as at 31st March, 1989

(Rupees in lakhs)

## Schedule-A

### Share Capital

#### Authorised Capital

6,00,00,000 Equity Shares of Rs.1000/- each (previous year 5,00,00,000 Equity Shares of Rs.1000/- each).

Current year

Previous year

600000.00

500000.00

#### Issued, Subscribed & Paid up

4,50,56,188 Equity Shares of Rs.1000/- each fully paid in cash (previous year 3,83,01,690 Equity Shares of Rs.1000/- each)

450561.88

383016.90

25,69,339 Equity Shares of Rs.1000/- each allotted as fully paid up for consideration received other than cash (Previous year 25,69,339 Equity Shares of Rs.1000/- each)

25693.39

25693.39

476255.27

408710.29

## Schedule-B

### Amount and/or consideration Received Against Equity Pending Allotment

Current year

(Rupees in lakhs)

Previous year

Other Funds from Government of India for land compensation

160.62

3323.63

160.62

3323.63



# Schedule to Balance Sheet as at 31st March, 1989

(Rupees in lakhs)

## Schedule-C

### Reserve & Surplus

Investment Allowance

Current year

Previous year

344.77

344.77

344.77

344.77

(Rupees in lakhs)

## Schedule-D

### Secured Loans

Cash Credit from Scheduled Banks (Secured  
by Hypothecation of Stock of Stores & Spare  
Parts, Stock of Coal & Coke, Book  
Debts & Other Assets)

State Bank of India

11596.29

16037.29

Punjab National Bank

76.99

—

United Bank of India

—

11673.28

899.01

16936.30

Term loan from ONGC (Secured against  
Guarantee given by Government of India  
and also by second charge on Stock of Stores  
& Spare Parts, Stock of Coal & Coke, Book  
Debts & Other Assets)

10000.00

—

21673.28

16936.30

(Rupees in lakhs)

## Schedule-E

### Unsecured Loans

Long Term Loan from Government  
of India

331960.45

309013.25

Interest accrued and due

60508.92

58004.74

392469.37

367017.99



# Schedule to Balance Sheet as at 31st March, 1989

## Schedule-F

### Fixed Assets

(Rupees in lakhs)

Particulars	COST				DEPRECIATION				NET BLOCK TOTAL	
	As on 1.4.88	Addn. during the year	Add/Less Adj./Disposal transferred during the year	Total as on 31.3.89	As on 1.4.88	Addn. during the year	Adj./Disposal transferred during the year	Total as on 31.3.89	As on 31.3.89	As on 31.3.88
Land — Freehold	178.75	0.05	—	178.80	—	—	—	—	178.80	178.75
Land — Leasehold	7.62	0.63	—	8.25	0.27	0.09	0.14	0.50	7.75	7.35
Building — Freehold	949.18	146.68	—	1095.86	147.55	21.31	—	168.86	927.00	801.63
Plant & Machinery	2796.83	346.44	(—) 0.01	3143.26	1313.30	270.39	14.13	1597.82	1545.44	1483.53
Furniture/Fittings & Office Equipment	152.58	51.56	(—) 0.03	204.11	46.91	8.35	(—) 0.12	55.14	148.97	105.67
Railway Siding	72.97	—	—	72.97	10.78	3.75	—	14.53	58.44	62.19
Vehicles	105.58	48.31	—	153.89	35.84	10.99	—	46.83	107.06	69.74
Aircraft	102.44	—	—	102.44	38.53	15.23	—	53.76	48.68	63.91
Telecommunication	14.09	0.97	—	15.06	0.90	0.75	—	1.65	13.41	13.19
Development	984.14	224.73	—	1208.87	266.96	44.90	—	311.86	897.01	717.18
Prospecting & Boring	159.07	63.94	—	223.01	15.63	7.42	—	23.05	199.96	143.44
Total	5523.25	883.31	(—) 0.04	6406.52	1876.67	383.18	14.15	2274.00	4132.52	3646.58
Expenditure during Construction Pending allocation	2387.51	881.01	0.01	3268.53	—	—	—	—	3268.53	2387.52
Capital work-in-progress	6857.52	2559.21	(—) 42.90	9373.83	—	—	—	—	9373.83	6857.52
Grand Total	14768.28	4323.53	(—) 42.93	19048.88	1876.67	383.18	14.15	2274.00	16774.88	12891.62
<b>Previous Year</b>										
Fixed Asset	4830.76	687.51	4.98	5523.25	1542.93	325.12	8.62	1876.67	3646.58	3287.83
Expenditure during Construction	1764.27	625.66	(—) 2.42	2387.51	—	—	—	—	2387.51	1764.27
Capital Work-in-progress	5519.65	1335.45	2.42	6857.52	—	—	—	—	6857.52	5519.65

#### Allocation of Depreciation

	Current year	Previous year
Profit & Loss Account	304.61	257.25
O B R	47.00	40.00
Prior Period Adjustment	14.15	8.89
Social Overhead	13.47	11.36
Development	18.10	16.75
Adjustment/Sale/Disposal	—	(—) 0.51
Total	397.33	333.74



# Schedule to Balance Sheet as at 31st March, 1989

(Rupees in lakhs)

## Schedule-G

### Investment

	Current year	Previous year
64,15,000 fully paid Equity Shares of Rs.1000/- each in Eastern Coalfields Ltd. (Previous year 51,00,000 Equity Shares of Rs.1000/- each)	64150.00	51000.00
67,51,107 fully paid Equity Shares of Rs.1000/- each in Central Coalfields Ltd. (Previous year 67,26,188 Equity Shares of Rs.1000/- each)	67511.07	67261.88
81,50,274 fully paid Equity Shares of Rs.1000/- each in Bharat Coking Coal Ltd. (Previous year 60,44,074 Equity Shares of Rs.1000/- each)	81502.74	60440.74
38,55,000 fully paid Equity Shares of Rs.1000/- each in Western Coalfields Ltd. (Previous year 34,58,000 Equity Shares of Rs.1000/- each)	38550.00	34580.00
72,56,610 fully paid Equity Shares of Rs.1000/- each in Northern Coalfields Ltd. (Previous year 41,41,526 Equity Shares of Rs.1000/- each)	72566.10	41415.26
76,27,254 fully paid Equity Shares of Rs.1000/- each in South Eastern Coalfields Ltd. (Previous year 9 Equity Shares of Rs.1000/- each)	76272.54	0.09
1,90,400 fully paid Equity Shares of Rs.1000/- each in CMPDIL (Previous year 85,400 Equity Shares of Rs.1000/- each)	1904.00	854.00
16,334 fully paid Equity Shares of Rs.10/- each in Management and Technology Application (India) Ltd. (Previous year 16,334 Equity Shares of Rs.10/- each)	1.63	1.63
	<b>402458.08</b>	<b>255553.60</b>

## Schedule-H

### Inventories

(As valued and certified by the Management)

	Current year	Previous year
Stock of Stores & Spare Parts (at cost)	495.85	408.76
Less: Provision for slow-moving/non-moving obsolescence/shortage	18.73	18.73
	<u>477.12</u>	<u>390.03</u>
Stores-in-transit (at cost)	1.21	1.84
	<u>478.33</u>	<u>391.87</u>
Stock of Coal, Coke etc.:		
(at notified price in NEC and at cost in CMO)	3416.73	2146.22
Less: Provision	122.39	113.35
	<u>3294.34</u>	<u>2032.87</u>
Coal, Coke etc. intransit	87.21	76.58
	<u>3381.55</u>	<u>2109.45</u>
Stock of Bricks (at cost)	12.27	2.59
Work-in-progress (at cost)		
In Workshop	9.38	4.87
In Brick Kilns	0.15	1.18
	<u>9.53</u>	<u>6.05</u>
	<b>3881.68</b>	<b>2509.96</b>



## Schedule to Balance Sheet as at 31st March, 1989

(Rupees in lakhs)

Current year      Previous year

### Schedule-I

#### Sundry Debtors (Unsecured):

Debts Outstanding for a period exceeding six months	97.68	62.22
Other Debts	357.79	266.89
	<u>455.47</u>	<u>329.11</u>
Less: Provisions for Doubtful Debts	51.58	38.80
	<u>403.89</u>	<u>290.31</u>

#### Classification

Considered good	403.89	290.31
Considered doubtful	51.58	38.80

	Maximum amount due at any time		Closing Balance	
	During Current year	During Previous year	Current year	Previous year
Due by the Companies under the same management with the names of the Companies				
SECL	0.24	—	0.24	—
Due by the Parties in which the Director(S) of the Companies is/are interested	—	—		—

(Rupees in lakhs)

Current year      Previous year

### Schedule-J

#### Cash & Bank Balances:

Cash, Cheques, Drafts, Stamps etc. in hand	95.82	143.16
Remittance in transit	254.65	181.14
In Current Account with Scheduled Banks	403.73	216.89
With Post Office Savings Bank Account	4.30	0.11
	<u>758.50</u>	<u>541.30</u>



# Schedule to Balance Sheet as at 31st March, 1989

(Rupees in lakhs)

## Schedule-K

### Loans & Advances (Unsecured):

(Advance recoverable in cash or for value to be received)

	Current year		Previous year	
Advances to Suppliers				
For Capital	139.30		201.94	
For Others	80.49	219.79	—	201.94
Advances to Contractors				
For Capital works	281.26		1369.90	
For Others	0.86	282.12	17.01	1386.91
Advances to Employees				
For House Building	132.13		112.18	
For Motor Car and other Conveyance	25.14		18.44	
For Others	25.83	183.10	13.06	143.68
Deposits				
For Custom duty & Port charges	1593.40		178.62	
For soiled Notes to RBI	0.38		0.28	
For Other Deposits	160.19	1753.97	133.55	312.45
Other Advances		—		865.05
Amount due from the Government of India				
For transactions on behalf of Ex-owners of Non-Coking Coal Mines	495.53		652.98	
For transactions on behalf of Ex-Coal Board	12.67		12.98	
For interest subsidy on non-plan loan	1551.62		1551.62	
For Stowing Subsidy receivable	50.74		—	
For Others	15.60	2126.16	2.04	2219.62
Claims receivable		174.19		152.60
Prepaid Expenses		25.21		55.19
In Current Account with Subsidiaries of Holding Company		466834.88		525295.25
		471599.42		530632.69
Less: Provision		70.24		119.53
		<b>471529.18</b>		<b>530513.16</b>

### Classification

Considered good	471529.18	530513.16
Considered doubtful	70.24	119.53



# Schedule to Balance Sheet as at 31st March, 1989

## Schedule-K (Contd.)

(Rupees in lakhs)

### Amount due from Subsidiary Companies:

	Maximum amount due at any time during the year:		Closing Balance	
	Current year	Previous year	Current year	Previous year
Eastern Coalfields Limited	144126.92	126527.75	113745.11	123482.33
Bharat Coking Coal Limited	179151.72	170205.69	153985.24	159502.33
Central Coalfields Limited	35530.57	23671.97	35530.57	23671.97
Western Coalfields Limited	44382.20	40363.23	44382.20	40363.23
Northern Coalfields Limited	74160.76	70839.55	70433.20	70839.55
South Eastern Coalfields Limited	104322.97	104780.78	47211.32	104780.78
Central Mine Planning & Design Institute Limited	4350.99	2655.05	1547.24	2655.06

Notes : (1) Loans & Advances (unsecured) considered good includes Rs.75.86 lakhs (previous year Rs.85.17 lakhs) in respect of which the company holds guarantee from Banks.

(2) House Building and cars/scooters advance for Rs.157.27 lakhs (previous year Rs.130.62 lakhs) included under Loans & Advances (unsecured) considered good and are secured by equitable mortgages on assets concerned.

(Rupees in lakhs)

## Schedule-L

Current year

Previous year

### Current Liabilities & Provisions:

#### Current Liabilities

#### Sundry Creditors

For Capital including Revenue Stores  
For Coal

183.31  
916.31

1099.62

1058.82  
102.92

1161.74

Advance from Contractors

344.87

Advance from Customers

657.01

508.98

Deposits

191.63

162.81

Advance Deposit pre-Nationalisation

30.05

182.97

#### Employees Remuneration & Benefits:

Salaries, Wages & Allowances

477.55

145.37

Attendance Bonus

0.81

0.57

Ex-gratia

85.12

79.63

Unpaid Salaries, Wages etc.

1.21

1.50

227.07

#### Other Expenses:

Power & Fuel

22.26

39.15

Contractual Expenses

206.75

177.10

Others

79.69

18.72

234.97

Due to Government of India

308.70

554.05



# Schedule to Balance Sheet as at 31st March, 1989

## Schedule-L (Contd.)

(Rupees in lakhs)

	Current year		Previous year	
Interest accrued but not due on Government Loan		11986.20		9855.49
Coal Price Regulation Account		—		3662.45
Sales Tax				
State	37.85		8.21	
Central	15.38		43.92	
		53.23		52.13
Royalty on Coal		9.65		9.45
Stowing Excise Duty		6.22		9.17
Provident Fund		19.81		18.49
AECD		0.12		0.12
Income Tax				
Employees	11.30		15.21	
Contractors	3.93		15.80	
		15.23		31.01
Professional Tax		2.49		1.27
Other Liability		203.23		256.38
		<u>16046.80</u>		<u>16928.55</u>

(Rupees in lakhs)

## Schedule-M

Current year Previous year

### A. Miscellaneous Expenditure

(To the extent not written off or adjusted)

Overburden Removal  
As per last account

221.49 214.50

Expenditure during the year

Contractual  
Departmental

1104.96 996.82  
606.04 455.62

1711.00 1452.44

1932.49 1666.94

Less: Adjustment

Contractual  
Departmental

1005.52 993.42  
596.35 452.03

1601.87 1445.45

330.62 221.49

### B. Profit & Loss Account:

Balance of loss transferred from Profit & Loss  
Account

10813.28 10740.10



# Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

## Schedule-1

### Sales of Coal Coke etc.

	Current year	Previous year
Coal	11241.32	9704.48
Soft Coke	278.16	240.56
	<u>11519.48</u>	<u>9945.04</u>
Less: Statutory Levies		
Royalty on Coal	54.98	54.53
Stowing Excise Duty	29.63	29.36
Sales Tax		
Central	89.43	86.44
State	306.41	248.74
	<u>480.45</u>	<u>419.07</u>
	<u>11039.03</u>	<u>9525.97</u>

(Rupees in lakhs)

## Schedule-2

### Coal Issued for Other Purposes per Contra

	Current year	Previous year
Boiler Consumption	14.53	11.58
Free Issue to Employees	95.75	86.35
Brick Making	19.32	14.14
Hard Coke Making	—	0.69
Washed Coal Making	—	—
	<u>129.60</u>	<u>112.76</u>

(Rupees in lakhs)

## Schedule-3

### Other Receipts

	Current year	Previous year
Subsidy Received		
Interest on non-plan loan per contra	5807.58	5807.58
Other	111.64	47.92
	<u>5919.22</u>	<u>5855.50</u>
Apex Office Charges	1077.10	798.07
Rebate on interest on Govt. loan	359.41	43.99
Contractual Recoveries	190.98	100.98
Interest received		
Term Deposit	62.56	8.70
Post Office Savings Bank Account	0.02	0.01
Loans & Advances to Employees	1.14	0.66
	<u>63.72</u>	<u>9.37</u>
Profit on Sale of Assets/Stores	—	1.01
Rent (outsiders)	5.88	5.63
Penalty received	2.31	0.31
Workshop made finished job	54.93	—
Others	94.54	107.03
	<u>7768.09</u>	<u>6921.89</u>
Less: Transferred to Development per Contra	4.79	4.16
	<u>7763.30</u>	<u>6917.73</u>



# Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

## Schedule-4

### Accretion in Stock

	Current year		Previous year	
Closing Stock				
Coal, Coke etc.	3416.73		2146.22	
Less: Transferred to Development	42.98		0.05	
	3373.75		2146.17	
Coal-in-Transit	87.21	3460.96	76.58	2222.75
Bricks		12.27		2.59
Work-in-progress (Bricks)		0.15		1.18
		3473.38		2226.52
Less: Opening Stock				
Coal & Coke	2146.22		1805.50	
Less: Transferred to Development	0.05		0.05	
	2146.17		1805.45	
Adjustment for Opening Stock	0.19		—	
Coal-in-Transit	76.58		141.19	
	2222.94		1946.64	
Bricks	2.59		8.19	
Work-in-progress (Bricks)	1.18	2226.71	0.82	1955.65
		1246.67		270.87

(Rupees in lakhs)

## Schedule-5

### Employees Remuneration Benefits

	Current year		Previous year	
Salary, wages and allowances including O.T., Leave Encashment, Incentive etc.		1983.33		1596.51
Contribution to P.F. & Other Funds (including Administrative charges)		130.12		116.95
Attendance Bonus		68.05		61.36
Ex-gratia		85.47		80.38
LTC/LLTC/RRF		164.02		169.70
Pension		1.50		1.62
Gratuity		38.87		33.61
Workmen Compensation		4.13		2.35
Group Insurance		9.20		8.99
D.L.I.		0.47		0.06
Life Cover Scheme		5.10		5.85
		2490.26		2077.38
Less: Transferred per contra				
Social Overhead	68.81		46.69	
Development	140.62		59.88	
O B R	127.00	336.43	115.00	221.57
		2153.83		1855.81



# Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

## Schedule-6

### Consumption of Stores & Spare Parts

	Current year	Previous year
Explosives	74.85	76.74
Timber	104.81	95.84
POL	92.25	91.41
Spares for HEMM & Other Mining Equipments	162.44	138.77
Social Overhead Stores per Contra	23.30	19.48
Power Consumption Stores per Contra	3.07	0.96
Other Consumable Stores & Spare Parts	85.32	59.50
Hard Coke	27.67	—
	<u>573.71</u>	<u>482.70</u>
Less: Transferred per Contra:		
Repair & Maintenance	4.39	—
Development	48.07	0.80
O B R	218.00	198.39
Power & Fuel	5.22	1.04
Social Overhead	23.30	19.48
Other Expenditure	11.98	11.76
	<u>310.96</u>	<u>231.47</u>
	<u>262.75</u>	<u>251.23</u>

(Rupees in lakhs)

## Schedule-7

### Power & Fuel

	Current year	Previous year
Purchase of Electricity	233.75	182.13
Power Generation		
Boiler Consumption per Contra	14.53	11.58
Consumption of Stores per Contra	3.10	1.04
	<u>17.63</u>	<u>12.62</u>
	<u>251.38</u>	<u>194.75</u>
Less: Transferred per Contra		
Development	32.53	6.04
O B R	11.50	8.50
Social Overhead	27.17	25.42
	<u>71.20</u>	<u>39.96</u>
	<u>180.18</u>	<u>154.79</u>

(Rupees in lakhs)

## Schedule-8

### Repairs (Purchased)

	Current year	Previous year
Factory & Office-Buildings	25.69	14.49
Plant & Machinery	24.20	14.25
Office Furniture & Equipment	3.70	3.77
Vehicles	30.77	11.12
Railway Siding	—	3.10
Others	0.07	0.14
	<u>84.43</u>	<u>46.87</u>
Less: Transferred per contra		
Other Expenditure	15.63	11.12
O B R	3.35	2.02
Development	1.71	1.21
	<u>20.69</u>	<u>14.35</u>
	<u>63.74</u>	<u>32.52</u>



# Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

## Schedule-9

### Contractual Expenses

	Current year		Previous year	
Transport Charges				
Coal, Coke etc.	535.32		382.05	
Stores	0.16	535.48	6.12	388.17
		193.15		200.42
Operation Charges				
O B R				
Coal	72.63		97.97	
Other	1005.52	1078.15	993.42	1091.39
		90.58		53.64
Other Contractual work		1897.36		1733.62
		6.99		—
		<b>1890.37</b>		<b>1733.62</b>

Less: Transferred to Development

(Rupees in lakhs)

## Schedule-10

### Social Overhead

	Current year		Previous year	
Salary, Wages & Allowances per contra		68.81		46.69
Free issue of coal to employees per contra		95.75		86.35
Medical reimbursement		40.77		34.73
Medicines and diet expenses		28.30		25.92
Canteen up-keep and refreshment		6.36		5.29
Grant to Schools and Institutions		17.84		19.83
Training Expenses		8.30		3.26
Repairs & Maintenance of Township and other				
Social Overhead Assets		67.41		61.54
Depreciation on Social Overhead Vehicles and other				
Social Overhead Assets		22.37		11.36
Uniform		1.42		1.09
Electricity charges for Hospital, Township and other				
Welfare Buildings, per contra		27.17		25.42
Consumption of Stores per contra		18.43		19.48
Sports, Recreation & Grant		3.90		2.54
Other Welfare expenses including Hindi Language development Expenses		13.63		15.75
		420.46		359.25
Less: Recoveries				
House Rent	4.93		7.09	
Guest House Charges	0.26		1.11	
Hospital Charges	2.05		2.57	
Electricity & Water Charges	1.66		1.47	
Others	1.44	10.34	—	12.24
		410.12		347.01
Less: Transferred per contra Development	43.08		26.39	
O B R	7.50	50.58	—	26.39
		<b>359.54</b>		<b>320.62</b>



## Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

### Schedule-11

#### Interest

	Current year	Previous year
Plan Loan from Government of India	43722.84	35028.06
Non-Plan Loan from Government of India (including Rs.5807.58 lakhs per contra)	5987.30	5969.37
Bank Overdraft	271.67	1339.30
Interest on ONGC	1390.41	—
Interest on CPRA	—	868.00
Others	0.01	—
	<u>51372.23</u>	<u>43204.73</u>
Less: Recovered from Subsidiaries	43982.75	35567.79
Dankuni Coal Complex (capitalised for expenditure during construction period)	665.95	514.05
Transferred to O B R	45.80	39.71
Interest recoverable	—	847.54
	<u>44694.50</u>	<u>36969.09</u>
	<b><u>6677.73</u></b>	<b><u>6235.64</u></b>

(Rupees in lakhs)

### Schedule-12

#### Provision

	Current year	Previous year
Bad & Doubtful Debts	12.78	2.47
Coal, Coke etc.	9.04	21.52
Stores	—	7.13
Doubtful Claims	11.32	15.04
Doubtful Advance	0.65	—
	<u>33.79</u>	<u>46.16</u>
Less: Transferred to Development per contra	—	—
	<b><u>33.79</u></b>	<b><u>46.16</u></b>

(Rupees in lakhs)

### Schedule-13

#### Coal Issued for Other Purposes per Contra

	Current year	Previous year
Brick making	19.32	14.14
Hard Coke making	—	0.69
Washed Coal making	—	—
Boiler Consumption	14.53	11.58
Free issue to employees	95.75	86.35
	<u>129.60</u>	<u>112.76</u>
Less: Transferred per contra		
Power & Fuel	14.53	11.58
Social Overhead	95.75	86.35
	<u>110.28</u>	<u>97.93</u>
	<b><u>19.32</u></b>	<b><u>14.83</u></b>



# Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

## Schedule-14

### Other Expenditure

		Current year	Previous year
Travelling		122.64	92.41
Printing & Stationery		37.08	23.35
Postage & Telephone		85.07	56.49
Freight Charges		1066.23	750.75
Advertisement		44.70	44.11
Underloading Charges		0.06	0.17
Demurrage		2.79	3.43
Rent		90.82	84.80
Insurance		4.95	4.27
Rates & Taxes		5.55	4.94
Legal Expenses		5.70	5.39
Royalty & Cess		8.43	0.59
Donation & Subscription		—	0.33
Octroi Charges		19.68	13.47
Service Charges of Holding Company		5.14	4.87
Loss on Sale of Assets/Stores		0.02	—
Subsidy towards loss on working of Provident Funds		10.01	7.51
Auditors' Remunerations:			
Audit Fees	0.84		0.84
Travelling and out of pocket expenses	0.42		0.42
In other capacity (Tax Audit)	0.28		0.28
Management Audit	4.00		2.71
		5.54	4.25
Bank Charges		6.65	5.86
Office Contingencies		17.65	16.08
Accounting Charges		0.49	0.11
Security Expenses		0.61	0.55
Consultant/Retainer Fees		28.91	38.61
Hire Charges		104.44	26.67
Books & Periodicals		3.41	3.99
Conference and Seminar		21.32	8.55
Sales Tax		6.88	0.14
Honorarium		—	0.12
Repairs and Maintenance of Cars & Jeeps			
Petrol & Diesel	15.77		11.76
Repairs	15.63		11.12
Others (Road Tax, Insurance etc.)	3.74		3.41
		35.14	26.29
Rescue & Safety		1.46	5.46
O B R (Departmental)		596.35	452.03
Turnover Tax		9.79	5.62
Stock of Stores written off		—	0.32
Other Miscellaneous Expenses		20.73	22.66
		2368.24	1714.19
Less: Transferred per contra			
Development	47.50		31.83
O B R	145.89		52.00
		193.39	83.83
		<b>2174.85</b>	<b>1630.36</b>



# Schedule to Profit & Loss Account for the year ended 31st March, 1989

(Rupees in lakhs)

## Schedule-15

### Prior Period Adjustment

#### Debit

	Current year	Previous year
Salaries & Wages	192.96	(—) 25.77
Railway Freight	62.08	—
Railway Claims	—	0.20
Gratuity & Pension	0.64	0.58
Consumption of Stores & Spare Parts	0.33	1.53
Repairs & Maintenance	0.16	0.47
Land Revenue	—	1.94
Contractual Expenses	—	0.19
Siding Charges	8.67	1.82
Transport Charges	0.60	0.70
Sales Tax, Royalty etc.	0.10	7.66
Social Overhead	0.83	—
Interest	—	2.07
Depreciation	14.18	8.89
Rates & Taxes	0.26	2.33
Travelling Expenses	0.87	0.51
Printing & Stationery	—	2.20
Rent	2.16	0.78
Legal Fees & Expenses	1.63	—
Purchase of Coal, Coke etc.	—	0.14
Claim from Contractor	20.38	1.64
Operation Expenses	—	0.02
Advertisement	0.40	0.10
Insurance	—	0.20
Hire Charges	2.96	1.48
Weighbridge Charges	2.89	—
Management Audit Expenses	0.56	—
Ex-gratia	0.17	(—) 1.75
Postage & Telephones	0.67	(—) 0.10
Other Miscellaneous Expenses	11.68	(—) 13.31
	<u>325.18</u>	<u>(—) 5.48</u>

#### Credit

Opening Stock of Coal, Coke etc.	0.19	—
Purchase	54.94	—
Power & Fuel	10.26	0.33
Interest on Government Loan	207.07	—
Freight	—	0.13
Sale of Coal, Coke etc.	—	21.18
Subsidy for Protective work	43.73	7.29
Provisions written back:		
Stores	—	0.40
Doubtful Debts	—	3.93
Doubtful Claims	3.25	2.25
Rent Received (Outsider)	3.25	6.58
Demurrage	—	0.57
PF Contribution	—	0.56
Other Receipts	0.54	0.33
Auditors out of pocket expenses written back	0.14	—
	<u>320.12</u>	<u>36.97</u>

Add: Transferred to Development

Debit	5.06	Credit	42.45
	<u>105.33</u>	(—)	<u>14.13</u>
Debit	<u>110.39</u>	Credit	<u>(—) 28.32</u>



# Accounting Policies and Notes on the Accounts for the year ended 31.3.1989

## Schedule-N

### A.Accounting Polices

1. **Capital subsidy and/or grants**  
Subsidy and/or grants received on capital account are deducted from the cost of assets to which these relate.
2. **Building**  
Building includes cost of electrical fittings, water supply arrangement and sanitary fittings. Depreciation on such fittings and arrangements have been provided for at the rate prescribed for building in Schedule-XIV of the Companies Act, 1956.
3. **Railway Siding**  
Payments made to the Railway Authority to the extent of work done are shown under capital work-in-progress.
4. **Development**  
Expenses net of income of the Projects/Mine under development including proportionate interest and administrative expenses capitalised are booked to development account by way of transfer from natural heads of income/expenses accounts.
5. **Basis of inventories and system of the valuation**  
Stock of stores, spare parts, work-in-progress and other finished goods are valued at cost.  
Stock of Coal, Coke etc. are valued at net realisable value. However, stocks at NEC and CIL Dumps have been valued at notified price and cost respectively. Book stock of Coal, Coke etc. is taken for the purpose of closing stock where the variance between book stock and physically verified stock is upto  $\pm 5\%$  and in case the variance is beyond  $\pm 5\%$  the physical stock is taken as closing stock. The stock of medicine excepting for Central Medical Hospital Stores and Stationery are not considered for inventory purpose and is charged to revenue.
6. **Installation expenses**  
Installation expenses wherever done departmentally are not capitalised.
7. **Overburden Removal Expenses**  
In opencast mines, the cost of OBR is charged on average ratio evaluated on current working cost of removal of OB at each mine with due adjustment for advance stripping/ratio variance account.
8. **Additional liability for Royalty, Cess, Sales Tax etc.**  
Additional liability for Royalty, Cess, Sales Tax etc., if any, is accounted for in the year for which final assessment orders are received.
9. **System of booking income and expenses**  
All expenses and income including for Projects/Mines under development are initially booked in the natural heads of accounts and then transferred to functional head of accounts wherever necessary.
10. **Gratuity and Life Cover Scheme**  
Gratuity and Life Cover Scheme are accounted for on cash basis. Liability in respect of death and/or retirement are also provided for. Gratuity is not actuarially ascertained and accounted for.
11. **Depreciation**
  - (i) Depreciation in Fixed Assets is charged on straightline method as per the rates specified for the corresponding assets in the Schedule-XIV to the Companies Act, 1956.
  - (ii) Depreciation on leasehold land is charged equitably on the basis of lease period.
12. **Own consumption and free issue of Coal, Coke etc.**  
Coal issued to employees (free issue) and for Boiler consumption is accounted for on the basis of norms fixed by the Management and valued at relevant grades selling price and the same is exhibited in the Accounts as per contra.
13. **Basis of allocation of Interest and Apex Charges**  
Interest on Government loan and Bank Overdraft net of rebate for the year is allocated to the Subsidiaries and Units on the basis of total investment for the year comprising purchase consideration, investment and current account balances upto a

specific date as determined by the Management, taking into account the Debt — Equity ratio as 1:1. In case of subsidy for interest on non-plan loan from Government of India, this is allocated to losing Subsidiaries and Units in proportion to their cumulative loss balances upto the previous year.

Apex Office charges are allocated to Subsidiaries and revenue mines directly under Coal India Limited in proportion to their production ratios for the year.

14. No adjustment for the loss of the Subsidiary Companies are made in the accounts of Coal India Limited.

## B. Notes on the Accounts

### 1. Fixed Assets

- 1.1 Itemwise details of immovable properties vested with and owned by the Company under Coal Mines (Nationalisation) Act, 1973, are not available.
- 1.2 Title deeds for land acquired, in some cases, have not yet been executed in favour of the Company. This includes the land acquired at Dankuni Coal Complex and made over to the Company by the Government of West Bengal. Pending final award of compensation, the liability, if any, on this account remains unascertained.

### 2. Current Assets

- 2.1 For stock of Coal & Coke there is a provision of Rs.122.39 lakhs to cover likely future shortage/deterioration in the stock including Rs.9.04 lakhs provided during the year.
- 2.2 The provision of Rs.18.73 lakhs on account of unserviceable/obsolete stores as on 31.3.1989 has been considered adequate.
- 2.3 The closing stock of stores has been considered in the Accounts as per balances appearing in priced stores Ledger of the Regional Stores and as per Store records for Stores lying at the Collieries/Units.
3. There is a provision of Rs.51.58 lakhs against doubtful debts including Rs.12.78 lakhs provided during the year.

### 4. Loans & Advance

Against various claims and advances, there is a provision of Rs.70.24 lakhs including Rs.11.97 lakhs provided during the year on account of doubtful claims and advances.

### 5. Current Liabilities

Pending registration of transfer of assets and liabilities of the four erstwhile Divisions of C.M.A.L. now Coal India Limited, the overdraft balance of Coal India Limited has been secured by creating charge against stock of Coal, stock of Stores & Spare Parts and book debt of the Subsidiary Companies.

### 6. General

- 6.1 The balances with Subsidiary Companies have been reconciled but the final balances remained unconfirmed.
- 6.2 Previous year's figures have been rearranged and regrouped wherever necessary.

### 7. Capital Commitment

The amount (including the amount on behalf of Subsidiaries) remain to be executed on Capital Account not provided is Rs.15,015.64 lakhs (previous year Rs.15,663.94 lakhs).

### 8. Contingent Liabilities

- 8.1 Claims against the Company not acknowledged as debts include:

(i) Suits against the Company	Rs.59.24 lakhs
(ii) Municipal Tax	Rs. 0.08 lakhs
(iii) Claims by Contractors	Rs.67.19 lakhs

- 8.2 Cases for which Company may be contingently liable for:

(i) Guarantees given by the Company in favour of Banks aggregating to Rs. 3829.55 lakhs on behalf of Subsidiaries.

### 9. Profit & Loss Account

- 9.1 As per Management decision, a provision of Rs. 334.41 lakhs has been made in the Accounts including Rs.181.35 lakhs for prior period to cover possible difference of salary payable to staff and workers for the period 1.1.1987 to 31.3.1989 arising out of NCWA-IV agreement likely to be entered into very soon.



- 9.2 The Government of India, Ministry of Energy, Department of Coal, New Delhi vide No.28012(3):81-CA dates 5th March, 1983 has introduced Retention Price Scheme and conveyed the sanction of the Central Government to the Retention Price for raw Coal sold by the different Subsidiary Companies and for NEC owned by Coal India Limited. Coal India Limited is authorised to operate the Coal Price Regulation Account on behalf of the Government, which has been fully distributed to the Subsidiaries claiming the contribution and the balance in the fund as on 31.3.1989 became nil as the claims for the year surpassed the opening balance as on 1.4.1988 of the fund and contribution to the fund during the year by the contributing Subsidiaries.
- 9.3 An amount of Rs.10.01 lakhs has been provided in the Accounts towards an estimated deficit in the Revenue Account of CMALSPF for the year 1988-89.
- 9.4 Rs.495.53 lakhs shown under Loans & Advances is recoverable out of Rs.594.91 lakhs on account of deposit made to Commissioner of payments as per Government orders in respect of surplus Collieries managed during the management period on behalf of the Government.
- Further Rs.554.05 lakhs shown under "Amount and/or consideration received against Equity pending Allotment" untill, year before last has been transferred to Current Liabilities last year as the amount concerned was neither received as Equity nor as loan, out of which Rs.517.89 lakhs is considered adjustable against the amount shown as due from Government of India. However, no such adjustment was carried out in the accounts pending Government approval for the same for which the Government is being approached.
- 9.5 Directors are allowed to use the Company's car for personal use for which recovery is being made.
- 9.6 Since joining in August, 1986, the Director (Finance) of the Company has been paid salary in the scale of Rs.4000-125-4500 without adjustment of his pensionary benefit (Rs.2928 p.m.) as per rules, pending issue of orders of the Ministry. Though orders fixing his salary under usual rules had been issued by the Ministry in April 1989, this has not been given effect to as the Director (Finance) had made representation against the orders - over payment on this account, if any, will be recovered on receipt of final orders of the Government.
- 9.7 Pending decision on waiver of penal interest, payable, if any, by the Government of India on Rs.1096.00 lakhs interest on non-plan loan accrued but not due upto 31.3.1979, no provision has been made in the Accounts as per past practice. Subsidy for the interest on non-plan loan is being granted by the Government of India for the equivalent amount of interest due thereon every year from the year 1979-80.
- 9.8 The Accounts together with Notes thereon approved by the Board of Directors of the Company vide circular resolutions dated 24th July, 1989 and reported thereon by the Auditors have been revised to comply with the observations of the Comptroller and Auditor General of India. The revision has affected the Accounts for the year as follows:
- Profit & Loss Account:  
The loss of the company has increased by Rs.10.06 lakhs
  - Balance Sheet:
    - Loans and Advances have decreased by Rs. 0.33 lakhs
    - Current Liabilities and provisions have increased by Rs. 9.73 lakhs
  - The Schedules to Profit & Loss Account and Balance Sheet including Notes on the Accounts have been suitably amended/modified wherever necessary.
- 9.9 Schedules A to M form part of the Balance Sheet as on 31st March, 1989, 1 to 15 form part of the Profit & Loss Account for the year ended on that date and Schedule-N represents Accounting Policies & Explanatory Notes to the Accounts. Additional information required as per Schedule-VI (Part-II) are given in the Annexure to Schedule-N.

Signatures to Schedules A to N & 1 to 15.

**U. Suryanarayana**  
Company Secretary

**R. Srinivasan**  
CGM(Finance)

**B. Swaminathan**  
Director(Finance)

**M.P. Narayanan**  
Chairman

**As per our separate report of even date.**  
for M/s. Gupta & Mitra  
Chartered Accountants

Calcutta  
Dated the 28th September 1989.

**S.S. Dhar**  
Partner.



## Annexure to Schedule-N

(Rupees in lakhs)

Current year Previous year

### 1. Directors' Remuneration

(i) Salaries	3.64	4.71
(ii) Company's contribution to Provident Fund & Other Funds	0.29	0.38
(iii) Medical benefits	0.09	0.12
(iv) Perquisites	0.48	0.36

### 2. Particulars of employees who are in receipt of not less than Rs.72,000/- per annum or Rs.6,000/- per month, when employed for a part of the year.

	Employed throughout the year		Employed for part of the year	
	1988-89	1987-88	1988-89	1987-88
(i) Number of employees	98	148	35	12
(ii) Salaries, Allowances etc., (Rs. in lakhs)	74.50	119.54	15.21	5.54
(iii) Contribution to Provident Fund (Rs. in lakhs)	5.50	9.19	1.05	0.40

Free issue of Coal to employees wherever applicable has not been considered for the purpose of computation of above figures.

### 3. The information required in paragraph 3 & 4 of Part-(ii) of the Schedule (VI) of Companies Act, 1956, 3(b) value of imports on CIF basis.

(Rupees in lakhs)

Current year Previous year

(i) Raw material	—	—
(ii) Capital goods	—	—
(iii) Stores, Spares & Components	—	—
4. Expenditure incurred in Foreign Currency on account of:		
(i) Know how	—	—
(ii) Interest	—	—
(iii) Exchange variation	—	—
(iv) Commission to Foreign Agents	—	—
(v) Training expenses and payment to Foreign Technicians	—	—
(vi) Travelling	—	6.56
(vii) Medical Treatment	—	—

### 5. Earning in Foreign Exchange on Account of

(i) Export of Goods (Calculated on FOB basis)	—	—
(ii) Exchange variation	—	—
(iii) Miscellaneous	—	—

### 6. Total consumption of Stores during the year

(a) Imported materials	—	—
(b) Indigenous	573.71 100%	482.70 100%



**Additional information required in paragraph 3 and 4 of Part-II of Schedule-VI to the Companies Act 1956 for the year ended 31st March 1989.**

7. (a) Installed Capacity — Not applicable  
(b) Licence Capacity — Not applicable

**8. Statement of Opening stock, Production, Purchases, Turnover and Closing stock of Coal and Coke including its trading activities.**

	(Rs. in lakhs) Quantity in '000 M.T.			
	Current year		Previous year	
	Quantity '000' MT	Value	Quantity '000' MT	Value
I. Opening Stock				
Coal	574.3	2201.20	484.4	1921.40
Coke	6.0	21.60	8.0	25.29
II. Production				
Coal	900.4	—	1000.1	—
III. Purchases (net, of adjustment)				
Coal	1084.9	5208.59	962.0	3804.20
Coke	54.0	189.61	51.0	156.07
IV. Turnover (including adjustment)				
Coal	1810.9	10771.57	1872.2	9294.66
Coke	55.0	267.46	53.0	231.31
V. Closing Stock				
Coal	721.1	3446.06	574.3	2201.20
Coke	4.0	14.90	6.0	21.60

**Statement pursuant to Section 212(1)(e) of the Companies Act, 1956 as at 31st March, 1989**

Subsidiary (fully owned)	No. of Equity Shares held by Coal India Limited	No. of Equity Shares held by CIL in nominees' name	Total paid up value (Rs. in crores)	Profit(+)/Loss(-) for the year ended 31.3.1989 (Rs. in crores)	Profit(+)/Loss(-) balance as on 31.3.89 (cumulative) (Rs. in crores)
ECL	6414997	3	641.5000	(+) 33.75	(-) 876.76
BCCL	8150271	3	815.0274	(-) 5.19	(-) 993.06
CCL	6751104	3	675.1107	(+) 6.41	(-) 134.87
WCL	3854997	3	385.5000	(-) 15.93	(-) 112.93
NCL	7256607	3	725.6610	(+) 3.57	(-) 25.14
SECL	7627252	2	762.7254	(-) 47.56	(-) 81.22
CMPDIL	190397	3	19.0400	(+) 2.42	(+) 6.34



**Comments of the Comptroller and Auditor General of India under Section 619(4) of the Companies Act, 1956 on the Accounts of Coal India Limited for the year ended 31st March, 1989.**

In view of the revisions made in the accounts as a result of the observations made by the Comptroller and Auditor General of India as indicated in para No 9 of the Auditors' Report to the shareholders and Note No 9.8 of Part 'B' of the Schedule 'N' of Notes forming part of accounts, there are no further comments to offer upon or supplement to the Auditors' Report under Section 619(4) of the Companies Act, 1956 on the accounts of Coal India Limited for the year ended 31st March, 1989.

K. Krishnan  
Member, Audit Board & Ex-officio  
Director of Commercial Audit-II  
Calcutta.

Dated, Calcutta,  
the 28th September, 1989.

**Review of Accounts of Coal India Limited for the year ended 31st March, 1989 by the Comptroller & Auditor General of India.**

**1. FINANCIAL POSITION:**

The table below summarises the financial position of the Company under the broad headlines for the last 3 years.  
(Rs. in lakhs )

	1986-87	1987-88	1988-89
<b>Liabilities</b>			
(a) Paid up capital (including amount due to Govt. of India to be adjusted against issue of Shares)	3,55,949.81	4,12,033.92	4,76,415.89
(b) Reserve & Surplus	344.77	344.77	344.77
(c) <b>Borrowings:</b>			
(i) From Govt. of India.	2,71,562.34	3,09,013.25	3,31,960.45
(ii) From Bank	13,613.31	16,936.30	21,673.28
(d) Trade dues & current liabilities (including Provisions)	48,404.07	74,933.29	76,555.72
<b>TOTAL</b>	<b>6,89,874.30</b>	<b>8,13,261.53</b>	<b>9,06,950.11</b>
<b>Assets:</b>			
(e) Gross block	4,830.76	5,523.25	6,406.52
(f) Less Depreciation	1,542.93	1,876.67	2,274.00
(g) Net Fixed Assets	3,287.83	3,646.58	4,132.52
(h) Capital Works-in Progress (including other capital Assets)	7,283.92	9,245.03	12,642.36
(i) Investment	2,55,238.37	2,55,553.60	4,02,458.08
(j) Current Assets, Loans & Advances (Including amount due from Govt. of India for non-coking coal mines)	4,13,246.43	5,33,854.73	4,76,573.25
(k) Miscellaneous expenditure & Losses not written off:			
(i) Deferred Revenue expenditure	214.50	221.49	330.62
(ii) Accumulated losses	10,603.25	10,740.10	10,813.28
<b>Total</b>	<b>6,89,874.30</b>	<b>8,13,261.53</b>	<b>9,06,950.11</b>



	1986-87	1987-88	(Rupees in lakhs) 1987-89
Capital Employed	3,68,130.19	4,62,568.02	4,04,150.05
Net Worth	3,45,476.83	4,01,417.10	4,65,616.76

- Note :**
1. Capital employed represents Net Fixed Assets plus working capital.
  2. Net worth represents paid up capital plus Reserve and surplus less intangible assets.
  3. The figures taken in the years 1986-87 and 1987-88 are as published in the respective year's Accounts irrespective of adjustment made in subsequent years.

## 2. Capital Structure:

The debt equity ratio of the Company was 0.76:1 in 1986-87 0.79:1 in 1987-88 and 0.7:1 in 1988-89.

## 3. Reserve and Surplus:

The reserve and surplus Rs.344.77 lakhs amounted to (a) 0.038% of total liabilities in 1988-89 as against 0.042% in 1987-88 and 0.05% in 1986-87 and (b) 0.072% of equity capital (Rs.476415.27 lakhs) in 1988-89 against 0.084% in 1987-88 and 0.097% in 1986-87.

## 4. Liquidity and Solvency:

- (a) The percentage of current assets to total net assets increased from 59.90% in 1986-87 to 65.64% in 1987-88 and further declined to 52.55% in 1988-89.
- (b) The percentage of current assets to current liabilities including provisions declined from 853.54 in 1986-87 to 712.44 in 1987-88 and 622.52 in 1988-89.
- (c) The Percentage of quick assets (cash and bank balances, debtors and advances) to current liabilities (excluding provisions) varied from 3.22 in 1986-87 to 4.17 in 1987-88 and 4.96 in 1988-89.

## 5. Working Capital:

Working capital (current assets, loans and advances less Trade dues and current liabilities and provisions) of the company at the close of 3 years ending March, 1989 amounted to Rs.364842.36 lakhs in 1986-87, Rs.458921.44 lakhs in 1987-88 and Rs.400017.53 lakhs in 1988-89 and represented 421.86 months, 539.06 months and 376.01 months value of production at cost (excluding depreciation) during the above years respectively.

## 6. Sources of Funds:

Funds amounting to Rs.397.33 lakhs from internal sources (depreciation reserve and surplus and provisions) and Rs.93688.58 lakhs from other sources were utilised during 1988-89 as shown below:

	(Rs. in lakhs)
Gross Fixed Assets	883.27
Capital Works in Progress	3,397.33
Investment (other than trade)	1,46,904.48
Current assets loans & advances	(—) 57,281.48
Miscellaneous expenses and losses not written off	182.31
	<hr/> 94085.91 <hr/>

## 7. Working Results:

(Rs. in lakhs )

	1986-87	1987-88	1988-89
Profit/Loss as per Account	(—) 226.52	(—) 165.17	(+) 37.21
Add: Development rebate, investment allowance reserve, stock deterioration reserve shown above the line.	—	—	—
Profit/Loss for the year	(—) 226.52	(—) 165.17	(+) 37.21
Add/deduct: Past period adjustments shown below the line.	(+) 10.39	(+) 28.32	(—) 110.39
Loss/Profit before tax	(—) 216.13	(—) 136.85	(—) 73.18
Tax Provision	—	—	—
Loss/Profit after tax	(—) 216.13	(—) 136.85	(—) 73.18
(+) indicates profit (—) indicates loss	(—) 216.13	(—) 136.85	(—) 73.18

The cumulative loss as on 31.3.89 amounted to Rs.10813.28 lakhs as against the paid up capital of Rs.476415.89 lakhs as on the same date.

## 8. Cost Trend:

The table below indicates the percentage of cost of Sales to Sales during last three years.

(Rs. in lakhs )

	1986-87	1987-88	1988-89
Sales of Coal, Coke, Bricks etc.	8,528.62	9,945.04	11,519.48
Add loss/Less Profit	226.52	165.17	37.21
Cost of Sales	8,755.14	10,100.21	11,482.27
Percentage of cost of Sales to Sales	102.66	101.56	99.68

## 9. Production Performance:

The value of production during the last three years is worked out below:

(Rs. in lakhs )

	1986-87	1987-88	1988-89
i) Sales of Coal, Bricks etc.	8,528.62	9,945.04	11,519.48
ii) Closing Stock of Coal & bricks etc. (including work-in-progress)	1,955.65	2,226.52	3,473.38
iii) Opening Stock of Coal, bricks etc (including work-in-progress)	1,282.99	1,955.65	2,226.71
iv) Value of Production (i + ii - iii)	9,201.28	10,215.91	12,766.15

The percentage of value of production to networth declined from 2.66 in 1986-87 to 2.54 in 1987-88 and further increased to 2.74 in 1988-89. Percentage of value of production to total net assets declined from 1.33 in 1986-87 to 1.26 in 1987-88 and further increased to 1.91 in 1988-89.

## 10. Inventory and production

The table below indicates the comparative position of inventory and its distribution at the close of the last 3 years ended 31st March, 1989.



(Rs. in lakhs )

	1986-87	1987-88	1988-89
i) Stores and spares	390.26	391.87	478.33
ii) Stock of Coal, bricks etc.	1,955.65	2,226.52	3,473.38

The stock of stores and spares was equivalent to 13.87 months consumption in 1986-87, 10.46 months in 1987-88 and 21.85 months in 1988-89. Stock of Coal, bricks etc. represented 2.75 month's sales in 1986-87, 2.69 month's sales in 1987-88 and 3.62 months sales in 1988-89.

### 11. Sundry Debtors and Turnover:

The following table indicates the value of book debts and Sales for the last three years.

(Rs. in lakhs,

As on	Total Book Debts considered good	Total Book Debts considered doubtful	Total	Sales	Percentage of Debtors to Sales
31.3.87	533.09	40.26	573.35	8,528.62	6.72
31.3.88	290.31	38.80	329.11	9,945.04	3.31
31.3.89	403.89	51.58	455.47	11,519.48	3.95

Sundry debtors represented about 0.81 months turnover in 1986-87, 0.40 months turnover in 1987-88 and 0.47 months turnover in 1988-89.

The following table indicates the details of debts outstanding for more than one year as on 31.3.1989.

(Rs. in lakhs )

	Government Department	Private Parties	Total
i) Debts outstanding over one year but less than two years	13.88	4.92	18.80
ii) Debts outstanding over two years but less than three years	0.65	0.82	1.47
iii) Debts outstanding for three years and above.	49.87	2.20	52.07
Total	64.40	7.94	72.34

Sd/-

(K. KRISHNAN)

Member Audit Board & Ex-officio  
Director of Commercial Audit-II  
Calcutta

Calcutta

Date: 28th September 1989.



## Addendum to Directors' Report

### Auditors' Report

To  
The Members of Coal India Limited,  
10, Netaji Subhas Road,  
Calcutta-700001.

### Management's Reply

We have audited the attached Balance Sheet of Coal India Limited as at 31st March, 1989 and also the Profit & Loss Account for the year ended on that date in which are incorporated the Accounts of North Eastern Coalfields, Dankuni Coal Complex, CIL Head quarters and Coal Marketing Organisation audited by us and the Accounts of Regional Sales Offices and Delhi Office of CIL Headquarters audited by Branch Auditors. While preparing our Report as under, we have given due consideration to the Reports of the Branch Auditors and incorporated the same in appropriate places:

1. As required in the Manufacturing and other Companies (Auditors Report) Order 1988 issued by the Company Law Board in terms of Section 227 (4A) of the Companies Act, 1956, we enclose in the Annexure a Statement on the matters specified in paragraph - 4 and 5 the said order.
2. Fixed Assets:
  - (i) Complete details of Fixed Assets vested with and owned by the Company under Coal Mines (nationalisation) Act, 1973 were not made available to us except those assets which are still in existence and are accounted for at nominal value of Re.1/- each. We were informed by Management that registration of Title Deeds and Mutation of properties owned and acquired after nationalisation through Government Agencies are still in progress in some cases. However, evidences of handing over possession of the land through letters from the concerned State Authorities are available with the Management.
  - (ii) Regularisation of transfer of assets and liabilities from Coal India Limited to Subsidiaries and also between Subsidiaries on formation of the Subsidiaries and there after is stated to be in progress.
  - (iii) Depreciation on Fixed Assets has been charged in the Accounts on straightline method based on rates stipulated in Schedule-XIV of the Companies Amendment Act, 1988. Value of lease hold land is amortised as explained in Accounting Policy vide Para-II (ii) of Schedule-'N'.

No Comments are called for.

Fixed Assets vested with and taken over by the Company on Nationalisation of Coal Mines have been fully depreciated, leaving a nominal value of Rs.1/- for each of such assets.

The matter was referred to the Government of India and it was receiving its attention.

No Comments

3. Inventories:

(i) The stock of Coal and Coke has been valued at cost and notified selling price in case of C.M.O. and N.E.C. respectively in terms of the Accounting Policy of the Company vide Para-5 of Accounting Policies mentioned in Schedule - 'N'. However, the basis of such valuation is consistent with the basis followed in earlier years except that the stock at N.E.C. has been valued this year as per results of the analysis made during the year whereas in the previous year the Coal stock at NEC was considered as ungraded and valued accordingly.

No Comments

(ii) In Jeypore Colliery of NEC physical stock as measured and certified by Management was 15302.82 MT against book balance of 18490.30 MT thereby having a shortage of 3187.48 MT. A quantity of 94.39 tonnes included in the physical stock of 15302.82 MT was classified as of inferior quality and the balance of 15208.43 MT only was considered and valued.

Adoption of stock for valuation purposes is as per the Accounting Policy vide para 5 (Five) of Schedule 'N' which forms part of the Accounts.

(iii) As the beginning of the year under review i.e. 1.4.1988, NIL value stock lying in different Collieries of N.E.C. was 50768.50 MT in aggregate. Out of said quantity, stock aggregating to 40469.85 MT was lying in different Collieries on 31.3.1989 and was taken at NIL value for the purpose of valuation of closing stock. The balance of 10298.65 MT (i.e. 50768.50 minus 40469.85) was sold during the year and duly accounted for.

No Comments

3. (iv) Stones, rejects etc found on physical verification of ground stock of Coal and Coke have not been valued.

No Comments

(v) A provision of Rs.122.39 lacs including Rs.48.50 lacs for C.M.O also exists in Accounts to cover possible deterioration in stock due to fire and longer period of stocking etc which the Management considers adequate.

No Comments

4. Loans & Advances:

(i) Certain old advances made to suppliers and others are still lying unadjusted. During the year, a substantial portion of the old balances has been linked and adjusted. The process of linking the balance portion of such advances is stated to be in progress as explained by the Management.

Efforts are being continued to link and adjust the remaining advances.

(ii) Loans and Advances include Rs.50.74 lacs being estimated stowing subsidy receivable for the period from 1.10.1988 to 31.3.1989. The said sum of Rs.50.74 lacs has been calculated in the same proportion which the amount received for the period from 1.4.1988 to 30.9.1988 bears to the amount claimed for the period.

No Comments

(iii) Loans & Advances also include Rs.4.23 lacs and Rs.1.56 lacs on account of Africa Relief Fund and Prime Minister's Relief Fund respectively. We have been informed by the Management that the said sums are under linking for adjustment against the recoveries made at the concerned Units.

No Comments

(iv) "Advances to Contractors" and "Sundry Creditors- Capital including Revenue Stores" of Rs.282.12 lacs and Rs.177.53 lacs respectively are net of an estimated value of Rs.1622.65 lacs representing (a) assessed work done by M/s. H.E.C. Limited upto 31.3.1989 as certified by the Management for Rs.1568.64 lacs for which bills were not submitted by the Party, but forming part of the ad-hoc advances and (b) the claim of the Party for Rs.54.01 lacs for certain works executed by them, also forming part of the ad-hoc advances.

On receipt of bills, verification thereof and acceptance of the claim, the balances under "Advances to Contractors" and "Sundry Creditors" will consequently be adjusted.

5. The current account balances with Subsidiaries, other Loans & Advances, Sundry Debtors, Sundry Creditors, Deposits and amount due to and due from Government of India remained unconfirmed.

Current Accounts balances with Subsidiaries and Units have been reconciled and are under further scrutiny and adjustments. This is a continuous process.

6. Current liabilities include Rs.30.05 lacs on account of subsidy received relating to pre-nationalisation period which are stated to be either payable to appropriate authority or adjustable against the claim due to the Company on account of Management period's transactions.

The process of linking up is in progress. Necessary action will be taken on completion of the above work.

7. Amount and/or consideration received pending allotment of Equity to the tune of Rs.160.62 lacs represents amount received from Government of India on account of land compensation awaiting allotment of Equity in favour of President of India.

The Equity in question has since been issued.

8. Individual items of receipt/expenditure below Rs.10,000/- pertaining to prior period have been considered as receipt/ expenditure of current year and accounted for accordingly against which no provision was made in the earlier years.

This is as per normal accounting practice of the Company and is being followed consistently.

9. The Balance Sheet as at 31st March, 1989, and Profit & Loss Account for the year ended on that date together with Notes thereon which were approved by the Board of Directors on 24th July 1989, and reported upon by us on 2nd August, 1989, have been re-opened to comply with the observations made by Comptroller and Auditor General of India. These changes have affected the Accounts as follows:

No Comments

#### 1. Profit & Loss Account:

- (a) The loss for the year including prior period adjustment has increased by Rs.10.06 lakhs.
- (b) The total loss for the year after prior period adjustment increased to Rs.73.18 lakhs.

#### 2 Balance Sheet:

- (a) Loans & Advances have decreased by Rs.0.33 lakhs.
- (b) Current Liabilities & Provisions have increased by Rs.9.73 lakhs.

3. Schedule to Profit & Loss Account and Balance Sheet and Notes on Accounts have been suitably amended/modified wherever necessary.
10. Subject to Para 2 to 9 above and further to our comments in Annexure referred to in Para 1 above and read with the notes appearing in Schedule-'N' i.e. Accounting Policies and Notes on Accounts we report that:
- (a) While preparing our Report, we have considered the Accounts of Regional Sales Offices and Delhi Office of CIL Headquarters audited by the Branch Auditors;
  - (b) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
  - (c) In our opinion proper books of account as required by Law have been maintained so far as it appears from our examination of those books;
  - (d) The balance Sheet and Profit & Loss Account referred to in the Report are in agreement with the Books of account and
  - (e) In our opinion and to the best of our knowledge and belief and according to the information and explanations given to us, the Balance Sheet and Profit & Loss Account give a true and fair view:
    - (i) In so far as it relates to the Balance Sheet, of the state of affairs of the Company as at 31st March, 1989, and
    - (ii) In so far as it relates to the Profit & Loss Account, of the loss of the company for the year ended on that date.

For M/s. Gupta & Mitra  
Chartered Accountants.

Calcutta  
Dated the 28th September, 1989

**S.S. Dhar**  
Partner.



## Annexure to the Auditors' Report of Coal India Limited for the year ended 31st March, 1989.

### Referred to in Paragraph - 1 of our Report of even date.

### Management's Reply

1. The Company has maintained proper records to show full particulars of Fixed Assets including quantitative details and situation of Fixed Assets except in three Regional Sales Offices, CIL Headquarters and Regional Manager's Office at Delhi where list of yearly additions to Fixed Assets have been maintained. In the case of N.E.C. the Fixed Assets Register maintained is complete upto 1986-87. Details of additions to Fixed Assets for the years 1987-88 and 1988-89 are available, the posting of which into the Fixed Assets Register is stated to be in progress. Physical verification of Fixed Assets has been carried out by the Management during the year except at CIL headquarters and according to information furnished to us no significant discrepancies have been noticed between the book records and physical balances.

Steps are being taken for recording the wanting details wherever necessary. Action will also be taken to verify Fixed Assets at all Units.
2. The Fixed Assets of the Company have not been revalued during the year. No Comments.
3. Stock of Coal and Coke has been physically measured by the Management during the year. Discrepancies noticed on stock verification have been properly dealt with in the accounts. In the case of stores at NEC and Dankuni Coal Complex, the Company is having perpetual inventory system. During the year under audit most of the Stores items covering substantial portion of its value have been physically verified by the Management and the discrepancies noticed, if any, have been adjusted in the Accounts. No Comments
4. The procedures of physical verification of stock followed by the Management are reasonable and adequate in relation to the size of the Company and the nature of its business. No Comments
5. No material discrepancy has been noticed on physical verification of stocks as compared to book records except in the case of Jeypore Colliery of N.E.C. where a shortage of 3187.48 MT was found as compared to book balance and the same has been properly dealt with in the books of accounts. No Comments. Our reply to para No. 3(ii) of Auditors Report may also be referred to.
6. The stock of Coal and Coke has been valued at cost and notified selling price in case of CMO and NEC respectively in terms of the Accounting Policy of the Company vide Para-5 of Accounting Policy mentioned in Schedule - N. The basis of such valuation is consistent with the basis followed in earlier years except that the stock at NEC has been valued this year as per results of the analysis made during the year whereas in the previous year Coal stock at NEC was considered as ungraded and valued accordingly. No Comments. Our reply to para No.3(i) of Auditors' Report may also be referred to.

Stores at Dankuni Coal Complex, NEC and CIL Head quarters have been valued at cost.

In our opinion, the method of valuation is fair and proper in accordance with the normally accepted accounting principle.



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| 7.  | The Company has not taken any loan secured or unsecured from the Companies, Firms and other Parties listed in the Register maintained under Section-301 of the Companies Act, 1956. It has been stated that there was no Party which required such listing in the Register under Section-370 (IC) of the Companies Act, 1956.  | No Comments  |
| 8.  | The Company is providing funds to the Subsidiaries in the nature of loan to meet their Capital and Revenue needs and is charging interest. The rate of interest and other conditions of transfer of such fund are not prima facie prejudicial to the interest of the Company.  | No Comments  |
| 9.  | The Company has given loans and advances in the nature of loans to the employees which are being recovered as stipulated together with interest, wherever applicable.  | No Comments  |
| 10. | In our opinion, there are adequate internal control procedures commensurate with the size of the Company and the nature of its business.   | No Comments  |
| 11. | According to information given to us, the Company has not purchased any stores, raw materials or components exceeding Rs.50,000/- in value for each type thereof during the year from the Subsidiary Companies, Firms or other Parties in which the Directors are interested. However, the Company is purchasing Coal from its Subsidiaries at notified selling price. | No Comments  |
| 12. | During the year, the Company has determined obsolete, unserviceable and damaged stores or raw materials against which either necessary provision has been made in the Accounts or the amount has been written off.   | No Comments  |
| 13. | The Company has not accepted any deposit within the meaning of Companies (Acceptance of Deposits) Rules, 1965.   | No Comments. |
| 14. | In our opinion and according to the explanations given to us, the Company has maintained records for sale and disposal of scrap. However, there is scope for further improvement. The Company has no by-product.   | No Comments  |
| 15. | The Company has an internal audit Wing. Moreover, the Company avails the services of professional Firms in this regard. In our opinion, the same is commensurate with its size and nature of its business now. However, there is scope for further improvement.  | No Comments  |
| 16. | The maintenance of cost records under Section- 209(1)(d) of the Companies Act, 1956 has not been prescribed by the Central Government  | No Comments. |

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| 17. | According to records maintained by the Company, in our opinion, the Company is generally regular in depositing Provident Fund dues with the appropriate authority.   | No Comments. |
| 18. | According to the explanations given to us by the Management, undisputed amount of Income Tax, Sales Tax, Customs or Excise Duty were not outstanding as on 31.3.1989 for more than six months.   | No Comments. |
| 19. | On the basis of selective checking we did not observe any personal expenses being charged to Revenue Account.  | No comments. |
| 20. | According to the Management, this Company is not a sick Industrial Company within the meaning of Clause (O) of sub-Section-(1) of Section - 3 of the Sick Industrial Companies (Special Provisions) Act, 1985 (1 of 1986). Hence, reference to the Board for Industrial and Financial Reconstruction under Section -15 of that Act is not applicable here. | No Comments  |

Calcutta,  
Dated, 28th September 1989

For Gupta & Mitra  
Chartered Accountants.

(S.S. Dhar)  
Partner.



**Addendum to Director's Report**  
**STATEMENT PURSUANT TO SECTION 217(2A) OF THE COMPANIES ACT, 1956**  
**Read with the Companies (Particulars of Employees) Rules, 1975**

Name	Designation	Remuneration	Qualifications	Date of Commencement of employment	Last employment held
<b>(A) Employed throughout the Financial year 1988-89</b>					
Sinha K.A.	Director (T)	1,12,273	B.Sc. (Mining), 1st Class M.M.C.	22.5.86	CMPDIL
Swaminathan B.	Director (F)	1,09,468	B.A. (Hons), Mathematics, Master Dip. in Public Administration	5.8.86	B.P.E.
Brahma A.V.	Director (P)	1,06,636	B.Sc. AISM, 1st Class M.M.C.	2.7.86	BCCL
Abidi S.S.H.	Supdt. (Mine)	79,061	B.Sc. Mining, AISM	18.5.70	Takenover
Bhattacharjee N.K.	Addl. C.S.M.	84,242	B.Sc. (Mining) M.M.C.	7.12.81	BCCL
Bhattacharjee D.S.	Addl. CFM	85,244	B.Sc. AICWA	22.9.83	BCCL
Bhattacharjee B.K.	Dy. CFM	74,352	M.Com., A.C.A.	24.9.86	ECL
Biswas R.D.	C.G.M.	86,378	1st Class Mining Engineer, AISM	25.11.85	ECL
Bhaskaran R.	Addl. CME	79,858	B.Sc. (Mining) 1st Class MMC	1.8.73	Takenover
Boral M.C.	Sr. Mgr. (GS)	82,553	I.Sc.	1.8.73	Takenover
Bagchi P.K.	Dy. C.M.M.	85,792	I.Sc. Dip. (M), 2nd Class MMC	1.8.73	Takenover
Bhardwaj R.C.	Dy.CME	87,751	B.Tech. (Mining)	7.9.72	Takenover
Dr. Baruah B.K.	Medical Supdt.	85,834	M.B.B.S.	17.1.75	Fresh Apptt.
Bora M.C.	Supdt (Mines)	87,475	B.Sc. Mining	25.5.68	Takenover
Biswas R.N.	Sr. Mining Engr.	73,196	B.Tech(M)	7.10.76	Fresh Apptt.
Bhattacharjee D.	Sr.Exe.Engr.(Elect)	73,275	B.E.(Elect)	12.12.76	Fresh Apptt.
Dr.Borathakur A.C.	Dy. Med. Supdt.	83,835	M.B.B.S	1.8.73	Taken over
Bora A.K.	Sr.Mining Engr.	72,986	B.Tech (M)	5.3.76	Fresh Apptt.
Chatterjee A.N.	Addl. CFM	77,540	B.Com. AICWA	12.6.79	BCCL
Chowdhuri J.C.	Dy.C.E.(E&M)	81,424	Dip. in Elect Engg.	31.8.87	CCL
Chakraborty J.K.	Dy.C.E.(Exc.)	74,264	Dip. in Elect Engg.	21.7.87	SECL
Dey. D.	Dy.F.M.	75,175	B.Com.	1.8.73	Takenover
De A.K.	Dy.C.P.M.	86,625	M.A. LLB(D.S.W), M.B.A. D.P.M.(London)	17.11.86	ECL
Dey B.P.	Dy. CME	79,978	Dip. in Mining, 1st Class, MMC	26.5.86	CCL
Diddee S.M	G.M.	83,278	B.Sc. (Mining), 1st Class, MMC	12.8.86	CCL
Das C.R.	G.M.	77,432	B.Sc. (Mining), 1st Class, MMC	29.8.83	CCL
Dev B.	C.M.E	77,270	Dip. (Mining). 1st Class, MMC	5.3.84	CCL
Deb T.K.	C.G.M.	81,432	B.Sc. (Mining), 1st Class, MMC	29.8.85	CMPDIL
Dewan R.N.	Supdt. Mines	76,524	B.Sc. (Mining)	1.2.71	Takenover
Das Gupta J.P.	Dy.CMM	74,481	B.Sc. (Mining), 2nd Class, MMC	1.8.73	Takenover
Dr. Das U.C.	Medical Supdt.	83,068	M.B.B.S., M.S.	8.3.82	Takenover
Ganapathy A.R.	Dy. CFM	75,977	A.C.M.A(U.K.), ICWA (London)	13.9.76	Fresh Apptt.
Gulati A.K.	C.G.M. (NEC)	87,327	M.Tech (Mining)	10.6.86	CCL
Goswami K.B.	G.M.(Safety)	77,430	B.Sc.(Mining), 1st Class, MMC	21.4.86	WCL
Ghosh P.N.	Addl.C.O.V.	77,432	1st Class MMC	6.2.86	WCL
Ghosh H.R.	Dy.C.M.E.	78,021	1st Class MMC	1.1.88	SECL
Ghosh A.K.	Dy.F.M.	94,576	CIL, Accounts		BCCL
Ghosh S.K.	Dy.C.T.M.	72,417	B.Sc., M.Sc., PG. Dip. in Ind Mgt BL.	1.7.81	Fresh Apptt.
Ghosh S.K.	Dy.C.E.	77,110	B.Tech(C)	6.11.87	CMPDIL
Gohain M.K.	Personnel Manager	76,957	B.A.,	5.5.65	Takenover
Hossain A.B.Wadood	Dy.C.M.E.	75,910	BE(M), 1st Class MMC	23.8.86	WCL
Jethi A.K.	R.M.(New Delhi)	82,410	Mining Engg.		CIL
Jain K.K.	Addl. C.S.M	79,228	M.Com., LLB	Oct'83	ECL
Kumar (Arbind)	A. Supdt. (Mines)	85,319	B.Sc. (Mining)	15.3.72	Takenover
Kundu N.G.	Dy.C.M.E.	81,945	B.Sc.(M). AISM, MMC	7.12.81	ECL
Mukherjee(Sulabh Kr.)S.K	Stat.Manager.	77,740	M.Sc.(Stat)	21.4.82	ECL
Mukherjee(Jyotirmoy) J.	Dy.S.M.	73,781	I.Sc.(Int) in Faci.Tech.	1.4.75	Coal Board
Kar N.G.(Dr.)	Dy. M.Supdt.	83,540	M.B.B.S.	1.1.73	Takenover
Kocher K.G.	P.M.	81,875	M.A. LLB		Takenover



## Particular of Employees (contd.)

Name	Designation	Remuneration	Qualifications	Date of Commencement of employment	Last employment held
Mitra S.R.	Dy.S.M.	73,543	B.Sc. SFT(A), GFT	1.4.75	Coal Board
Moitra G.K.	S.M.	73,717	B.Sc. (P) Adm. Fnes Tech.	1.4.75	Coal Board
Mitra (Anupam) A.	C.O.F.	93,265	B.Com, F.C.A.	29.6.87	CMPDIL
Mukherjee K.C.	Dy.C.P.M.	75,429	B.Sc., D.S.W.	22.4.81	BCCL
Mehta (Ashoke) A.	A.C.E.	80,107	B.Sc. (M), 1st Class MMC	6.10.86	BCCL
Mukherjee B.K.	Supdt. of Mines	77,301	1st Class MMC	12.1.87	ECL
Moullick G.S.	Addl. CME	76,132	B.Tech(M), 1st Class MMC	30.10.87	CCL
Majumdar P.B.	Dy.C.M.M.	75,565	BE(Elect), 1st Class MMC	4.11.85	CCL
Mitra S.K.	C.O.T. Com.	81,970	M.Tech	23.4.86	SAIL
Mishra B.C.	G.M.	83,116	B.Sc.(M), 1st Class MMC	12.10.87	CMPDIL
Mahajan J.B.	Driver	73,502			
Neogy B.C.	Dy.C.F.M.	73,334	M.Com., AICWA	18.9.80	CCL
Nandkeolyar K.C.	G.M.	75,989	M.A.(Sociology)	17.9.87	WCL
Nandi S.N.	A.C.M.E.	77,971	1st Class MMC	23.12.82	NCL
Narayan K.D.L.	Dy.S.M.	74,104	BA, 1st Class in Advance Fuel Technology		SAIL (Hindusthan Steel)
Nirula N.C.	G.M.	77,279	B.Tech(M)	27.7.87	SECL
Prosad B.	Dy. C.M.E.	91,125	B.Sc. Mining AISM	22.9.71	Takenover
Pamar S.S.	Addl.C.M.E.	84,326	B.Sc. Mining AISM	1.7.64	Takenover
Ramasubramaniam V.R.	S.M.	74,266	M.Sc.(Chemistry)	1.2.88	ECL
Rao D.R.K.	Dy.C.P.M.	74,236	M.A.(S)	18.9.87	ECL
Ramarao P.K.	Dy.CE(E&M)	79,847	B.E.(Elect)	1.8.73	Takenover
Roy A.K.	S.E. (E&M)	72,308	B.E.	4.6.86	CCL
Roy A.	Supdt. Mines	75,471	B.E.(Mining)	13.3.72	Takenover
Roy A.K.	Estate Mgr.	73,144	B.A.LLB. WBCS(R)	1.9.82	Govt. of W.B.
Rahman S.A. Dr.	Sr.Medical Officer	81,695	M.B.B.S.	3.4.74	Fresh apptt.
Sahagol H.G.	G.M.	77,375	1st Class B.Tech(M)	11.1.86	BCCL
Sen A. (Amarjit)	S.M.	73,717	M.Sc. (Geology)	1.4.75	Coal Board
Singh D.	C.G.M.	84,036	AISM, 1st Class MMC	29.12.87	BCCL
Sanyal S.K.	Dy.C.F.M.	76,642	AICWA	1.9.80	BCCL
Singh A.D.	G.M.	90,283	M.A.(S)	20.12.87	WCL
Swamy J.S.K.	P.M.	78,846	M.A., L.S.W.	1.5.73	CCL
Sinha R.K.	Dy. C.M.O.	91,449	M.B.B.S.	24.8.87	CCL
Sen B.B.	S.E.	74,187	B.E.(Elect), M.E.(Elect), Ph.D., Enggr.	18.12.87	CMPDIL
Sinha R.N.	Dy.C.M.(Stat)	79,392	M.Sc.(Stat)	25.6.73	CCL
Sharma G.C.	Addl.CME	78,654	B.Sc.(M), AISM, MMC	23.2.82	ECL
Sen A.R.	Addl.CME	97,416	B.Sc.(M), 1st Class, MMC	15.2.82	CCL
Saha S.K.	Dy.CME	76,043	B.Sc.(M), 1st Class, MMC	8.11.85	CCL
Setthi N.N.	G.M.	73,946	M.Com.,	3.6.86	SAIL
Sarkar S.K.	Supdt.(Mines)	83,599	B.Sc., Mining	23.3.70	Takenover
Singh V.N.	Supdt.(Mines)	77,354	1st Class MMC	31.10.75	Takenover
Sur N.C.	Supdt.(Mines)	78,159	1st Class MMC	1.8.73	Takenover
Samanta A.K.	Sr. Mining Engg.	78,860	1st Class Managership	1.1.60	Takenover
Sinha B.B.	S.M.	73,965	B.Sc. (Fuel Tech.)	1.4.75	Coal Board
Sengupta D.	Dy. C.M.(Syst)	81,984	Ph.D., 1st Class	1.4.82	CMPDIL
Sen A.K. (Arun Kumar)	Dy.CME	84,391	B.E.(M), 1st Class, M.G.M.T. P.G.	16.4.82	CMPDIL
Sen (Anjan) A.	S.E.(E&M)	80,622	M.E.(E&M)	10.10.83	BCCL
Srivastava R.P.	R.S.M.	95,657	B.A.(Hons.)		CCL
Tripathi H.N.	G.M.	81,530	1st Class MMC	18.11.86	BCCL
Tooley A.K.	G.M.	91,705	Mining Engr.		CCL
Tiwari K.K.	Supdt. of Mines	75,591	B.Sc., Mining	7.12.73	Takenover
Thakuria A.C.	Sr. Mining Engr.	74,330	B.Sc., Mining	31.8.74	Fresh Apptt.
Vij J.K.	Sr. Manager (Admn.)	78,005	M.A.	Takenover	

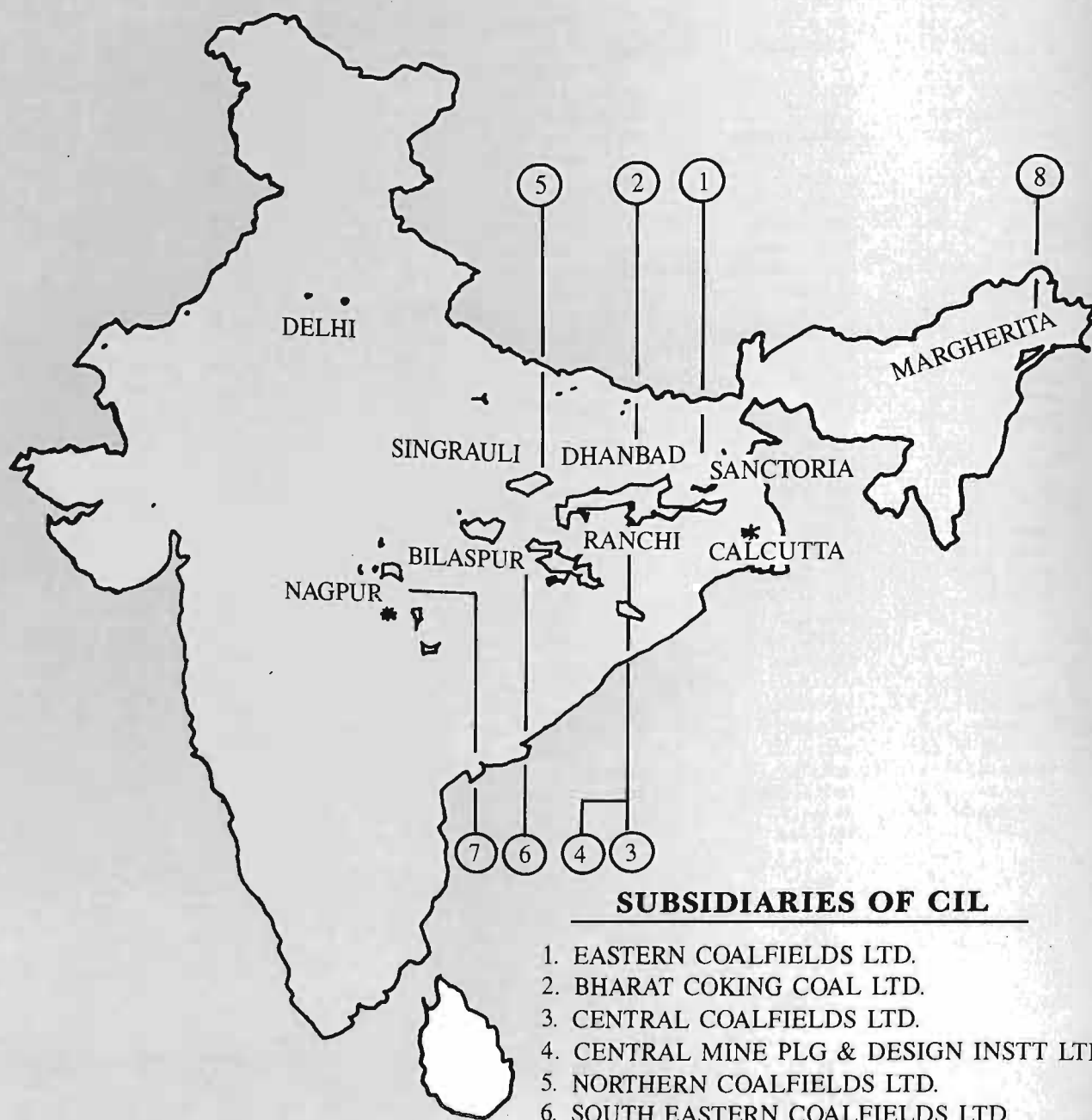


## Particular of Employees (contd.)

Name	Designation	Remuneration	Qualifications	Date of Commencement of employment	Last employment held
<b>(B) Employed for Part of the Year 1988-89</b>					
Narayanan M.P., Dr.	Chairman	40,025	Ist Class MMC of Competancy, DIM, Doctor of letters, FBIM (London), FIE, FIMS(London), FIIE, Fellow of WAPS	15.11.88	N.L.C.
Tandon G.L.	Ex-Chairman	81,491	B.Sc (1st Class), AIJSM, Ist Class CCM(C & M)	18.10.85	N.L.C.
Barman S.J.	C.O.V.	69,440	M.Sc., I.P.S.	20.11.87	Govt. of W.B.
Balakrishnan T.P.	G.M.	26,118	B.Sc., (Mining), AIJSM,	29.3.88	BCCL
Bhat B.B.	Addl. C.E.(E&M)	32,834	B.Sc., Eng(Elect), M.Sc., Eng. Elect Control.	21.10.88	CCL
Bhattacharjee B.C.	Dy.CFM	56,500	B.Sc. AICWA	1.4.75	Coal Board
Basu P.	Sr. Pilot	76,184	I.Sc. holder of Air Licence.	15.12.81	SAIL
Basu K.	Supdt. of Mines	59,106	Ist Class. MMC	22.6.88	ECL
Basu A.R.	Supdt. of Mines	49,193	BE (Mining), Ist Class	27.7.88	ECL
Chakraborty A.C.	Dy. CE (E&M)	72,097	I.Sc. Dip. in Mech. Engg.	26.4.88	ECL
Chowdhury K.N.	Dy. G.M.	18,892	AJSM, Ist Class	22.8.88	CCL
Dey A.K.	C.G.M.	35,000	M.A. LLB(D.S.W), MBA D.P.M.(London)	17.11.86	ECL
Goswami T.	Chief Legal Manager	6,316	B.A., LLB, Attorney at Law	15.1.88	Fresh apptt.
Gupta V.P.	Addl. CME	68,043	B.Sc.(Mining) Ist Class, MBA		
Ghosh J.K.	Dy. CPM	52,620	Dip. in S.W.	11.12.87	SECL
Jha M.N.	C.P.M.	57,858	B.A., D.S.W. & L.S.W.	5.3.86	SECL
Jha G.K.	C.M.M.	20,757	B.E.(Elect)	2.1.89	WCL
Jha M.N.	Dy.CME	14,272	B.Sc.(Mining)AIJSM	8.7.71	Takenover
Kanungo R.	C.G.M.	63,895	B.A., LLB	7.5.86	NMDC
Karnani G.	Addl. G.M.	60,801	M.A.	2.2.88	WCL
Kejriwal G.C.	Dy.S.M.	72,435	B.Com	2.5.88	CCL
Loomba S.S.	Dy.CE.	6,012	B.A., B.E.(Elect)	3.3.89	ECL
Murthy S.R.	Addl. C.E.	26,660	I.Sc., 2nd Class, MMC	6.5.85	CCL
Mallick Debal	Addl. C.S.M.	60,495	B.A.(Hons)	24.7.86	ECL
Mehata A.S.	Addl. C.S.M.	76,875	M.Sc (Geology)	4.4.88	BCCL
Nat B.S.	Addl. C.E.	50,628	Dip. in Mech (Engg)	23.10.86	WCL
Pani A.	C.G.M.	72,114	AJSM, Ist Class MMC	13.5.87	SECL
Saha S.	Comp. Secy.	72,637	B.Sc., F.C.I.A., F.C.S., F.A.S.M., FIAM, A.C.I.S.,	24.2.88	Andrew Yule
Sharma S.N.	G.M.(HRD)	47,153	B.Sc(M). Ist Class MMC	23.2.88	ECL
Sharma R.	G.M.(MM)	25,459	B.Sc.(Mech)	28.2.88	SECL
Sinha A.P.	G.M.	6,394	M.Com., D.S.W.	30.4.86	BCCL
Singh R.G.	G.M.(P)	69,988	B.A., M.A. in Sociology		BCCL
Singh V.V.P.	Dy. C.E. (E&M)	24,945	B.Sc. Eng.(Elec), P.G. Dip. in Elect. Engg.	2.5.88	CMPDIL
Singh Mahinder	Adviser	6,362	I.A.S.	27.4.84	Govt. of Bihar
Sinha N.R.	Dy. C.F.M.	59,222	B.Com., I.C.W.A.	16.6.88	CCL



## LOCATION OF COALFIELDS UNDER CIL



### SUBSIDIARIES OF CIL

1. EASTERN COALFIELDS LTD.
2. BHARAT COKING COAL LTD.
3. CENTRAL COALFIELDS LTD.
4. CENTRAL MINE PLG & DESIGN INSTT LTD.
5. NORTHERN COALFIELDS LTD.
6. SOUTH EASTERN COALFIELDS LTD.
7. WESTERN COALFIELDS LTD.
8. NORTH EASTERN COALFIELDS.



## **COVER PHOTOGRAPHS**

### **Front cover design**

Press and Publicity Syndicate Pvt. Ltd., Calcutta

### **Front inner cover**

Ecological care at CIL

### **Back inner cover**

CIL exhibition pavilion

### **Back cover**

Dark horse — mascot of CIL symbolising energy  
and ultimate success:

Printed at MVPL





SECRET IS THAT PART OF THE EARTH WHICH THE  
GALLOPING HORSE HAS TRAVERSED BRINGING US  
WISDOM. WE SHALL DIG THERE TO FIND BEAUTIFUL  
FINE THINGS OUR ANCESTORS LEFT FOR US

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