

C-5(A)

AR 1981

ANNUAL REPORT  
AND ACCOUNTS FOR  
1981-82

COAL INDIA LIMITED  
10, Netaji Subhas Road, Calcutta 700 001

## Contents

Management During 1981-82	1
Present Management	2
Bankers, Auditors etc.	3
Notice	4
Directors' Report	5
Addendum to the Directors Report :	
(a) Statement pursuant to Section 217(2A) of Companies Act, 1956 read with the Companies Particulars of Employees Rules, 1975	25
(b) Comments of the Comptroller and Auditor General of India under Section 619(4) of the Companies Act, 1956	27
(c) Review of the Accounts of Coal India Limited for the year ended 31st March, 1982 by the Indian Audit and Accounts Department	28
(d) Auditor's Report and our Replies to the Observations made by the Statutory Auditor on the Accounts for the year 1981-82	32
(e) Annexure to Auditor's Report	35
(f) Statement pursuant to Section 212(1) (e) of the Companies Act, 1956	36
Balance Sheet as at 31st March, 1982	38
Profit & Loss account for the Period ended 31st March, 1982	42
Schedule to the Accounts	46

## Management During 1981-82

Chairman	: Shri R N Sharma	
Directors	: Shri K P Mukherji,	— Commercial (Upto 19-5-81)
	Shri C S Jha	— Chairman-cum-Managing Director, Eastern Coalfields Limited
	Shri R G Mahendru	— Chairman-cum-Managing Director Bharat Coking Coal Limited
	Shri D P Gupta	— Chairman-cum-Managing Director Western Coalfields Limited
	Shri B L Wadehra	— Chairman-cum-Managing Director Central Coalfields Limited
	Shri A N Banerjee	— Chairman-cum-Managing Director Central Mine Planning & Design Institute Ltd. (Upto 12.5.81)
	Shri R P Khosla	
	Smt. Otima Bordia	(Upto 6.9.81)
	Dr. K A Kini	
	Shri A Rangachari	
	Shri S Santhanam	
	Dr. S Ramesh	(From 7.9.81)

## Present Management

**Chairman** : Dr. B L Wadehra  
**Directors** : Shri R G Mahendru

— *Chairman-cum-Managing Director  
Central Mine Planning & Design  
Institute Limited*

Shri C S Jha

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

Shri D P Gupta

— *Chairman-cum-Managing Director  
Western Coalfields Limited*

Shri A Rangachari

Shri P K Lahiri

Shri L N Laddha

Dr. S Ramesh

Dr. K A Kini

Shri S Santhanam

### Divisional Heads

: Shri S K Bose

— *Advisor*

Shri O Maheepathi

— *Advisor (P & IR)*

Shri S P De

— *Advisor (Land & Revenue)*

Shri Y P Puri

— *Advisor (System)*

Shri S. B. Sahai

— *Vigilance*

Shri S P Mathur

— *Production, Safety & Project*

Shri R N Mishra

— *Corporate Planning & Project Monitoring*

Shri S Panchapakesan

— *Finance*

Shri M P Narayanan

— *Marketing*

Shri P K Ghosh

— *Personnel & Industrial Relation*

Shri B Kanungo

— *General Service & Aviation*

**Secretary** : Shri Rana S J B Singh

**Dy. Secretary:** Shri P B Datta

## Bankers

State Bank of India

Central Bank of India

Syndicate Bank

Punjab National Bank

Union Bank of India

Canara Bank

United Bank of India

Dena Bank

Indian Bank

## Auditors

### Statutory Auditors

M/s. Chaturvedi & Co.,  
Chartered Accountants  
60, Bentinck Street,  
Calcutta - 700 069,

### Branch Auditors

M/s. D. P. Sen & Co.,  
Chartered Accountants  
8/2, Kiron Shankar Roy Road,  
Calcutta - 700 001

# Notice

NOTICE is hereby given to all Shareholders of Coal India Limited that the Eighth Annual General Meeting of the Company will be held on Thursday the 30th September, 1982 at 17-00 hours 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 Report of the Board of Directors for the year ended 31st March, 1982.
2. To receive, consider and adopt the Audited Balance Sheet as on 31st March, 1982.
3. To receive, consider and adopt the Accounts of the Company for the year ended 31st March, 1982.
4. To appoint a Director in place of Shri R G Mahendru 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 appoint a Director in place of Shri C. S. Jha 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 D. P. Gupta 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 P. K. Lahiri 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 appoint a Director in place of Shri L. N. LADDHA 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 A. RANGACHARI, 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 Dr. S. RAMESH, who retires in terms 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 Dr. K. A. KINI who retires in terms of Article 33 (d) (iii) of the Articles of the Association of the Company and is eligible for re-appointment.
12. To appoint a Director in place of Shri S. SANTHANAM who retires in terms of Article 33 (d) (iii) of the Articles of Association of the Company and is eligible for re-appointment.

Dated the 30th September, 1982

(RANA S J B SINGH)  
SECRETARY

Registered Office

Coal Bhawan,  
10, Netaji Subhas Road,  
Calcutta - 700 001.

Note: A member entitled to attend and vote at the meeting is entitled to appoint a proxy to attend and vote instead of himself and the proxy need not be a member.

## निदेशक मंडल का प्रतिवेदन 1981-82

अंशधारीगण,  
कोल इण्डिया लिमिटेड  
महाशय,

31 मार्च, 1982 को समाप्त हुए वर्ष की आडिटर की रिपोर्ट और आडिट किये हुए लेखा-विवरण और उन पर कम्प्यूलर एवं आडिटर जनरल ऑफ इण्डिया (कोयला) के टिप्पणियाँ और समीक्षामय आपकी कंपनी के काम-काज पर वार्षिक रिपोर्ट प्रस्तुत करते आपके निदेशकों को हर्ष होता है।

इस दौरान आपकी कंपनी के पूर्ण नियंत्रण में पांच अनुषंगी कंपनियाँ रहीं, जैसे; (अ) ईस्टर्न कोलफील्ड्स लिमिटेड, (ब) भारत कोकिंग कोल लिमिटेड, (स) सेण्ट्रल कोलफील्ड्स लिमिटेड, (द) वेस्टर्न कोलफील्ड्स लिमिटेड, एवं (य) सेण्ट्रल माइन प्लानिंग एवं डिजाइन इंस्टीट्यूट लिमिटेड।

असम एवं उसके आस-पास स्थित खानों का प्रबन्धन आपकी कंपनी के हाथ रहा।

### उत्पादन

उत्पादन लक्ष्य की प्राप्ति में 1981-82 वर्ष एक मील की पत्थर साबित हुआ। कुल उत्पादन 109.61 मिलियन टन रहा जो अब तक के रिकार्ड उत्पादनों को म्लान कर दिया। इस तरह मूल लक्ष्य के 106.20 मिलियन टन से 3.41 मिलियन टन अधिक उत्पादन हुआ और उत्पादन बढ़ोत्तरी 3.2% हुई। यह उत्पादन परिशोधित लक्ष्य 108.70 मिलियन टन से भी ज्यादा रहा और कुल बढ़ोत्तरी 0.91 मिलियन टन अथवा 0.8% रही। वार्षिक वृद्धि दर 1981-82 में काफी प्रभावी रही। 1980-81 की तुलना में 8.7% बढ़ोत्तरी रही। अनुषंगी कंपनियों का निष्पादन भी उल्लेखनीय रहा। 1981-82 प्रत्येक कंपनी मूल लक्ष्य के साथ-साथ परिशोधित लक्ष्य को भी पार कर गई। नार्थ ईस्टर्न कोलफील्ड्स भी अपनी लक्ष्य मात्रा 0.70 मिलियन टन को पहुँच गई। अनुषंगी/डिवीजन कम से कच्चे कोयले का उत्पादन 1980-81 तथा 1981-82 वर्षों का विवरण निम्न है :

मिलियन टन में

अनुषंगी	कच्चे कोयले का उत्पादन		1980-81 की तुलना में % वृद्धि
	1980-81	1981-82	
ई सी एल	22.60	24.20	7.2
बी सी सी एल	21.42	23.02	7.5
सी सी एल	27.45	30.11	9.7
डब्ल्यू सी एल	28.75	31.56	9.8
एन ई सी	0.61	0.70	14.8
कुल	100.83	109.61	8.7

### बाधाएं

1981-82 में आपकी कंपनी को कच्चे कोयले के उत्पादन में 8.37 मिलियन टन का नुकसान हुआ जिनके अनेक कारण थे। बिजली की आपूर्ति में कमी, अनुपस्थिति, श्रमिक अशांति आदि अनेक कारण थे जिनकी वजह से यह हानि हुई। इन बाधाओं के न होने पर कुल उत्पादन अच्छा होता। विभिन्न बाधाओं के कारण अनुषंगी/कंपनी क्रम से उत्पादन में हानि का विवरण निम्न दिया जा रहा है :

मिलियन टन में

अनुषंगी	बिजली	अनुपस्थिति	श्रमिक असंतोष	अन्य बाधाएं	कुल
ई सी एल	1.49	1.24	0.26	0.19	3.18
बी सी सी एल	0.49	0.47	0.07	1.08	2.11
सी सी एल	0.60	0.35	—	0.40	1.35
डब्ल्यू सी एल	0.41	0.24	0.14	0.94	1.73
कुल	2.99	2.30	0.47	2.61	8.37

### कोकिंग कोयला

ईस्टर्न कोलफील्ड्स लिमिटेड के अतिरिक्त सभी कंपनियों में कोकिंग कोयले का उत्पादन अधिक हुआ। गत वर्ष की तुलना में इस वर्ष में कुल उत्पादन वृद्धि 8.82% रही। विवरण निम्न है :

मिलियन टन में

अनुषंगी	*कोकिंग कोयले का उत्पादन		% वृद्धि (+) / हास (-) 1980-81 की तुलना में
	1980-81	1981-82	
ई सी एल	2.03	1.45	(-) 28.57
बी सी सी एल	17.47	18.74	(+) 7.27
सी सी एल	9.91	10.85	(+) 9.49
डब्ल्यू सी एल	0.41	1.41	(+) 243.90
एन ई सी	—	—	
कुल	29.82	32.45	(+) 68.82

\*वह कोयला भी शामिल है जो कोकिंग दर्शाने के बावजूद नन् मेटालर्जिकल उद्देश्य में प्रयुक्त होता है।

### नन्-कोकिंग कोल

गत वर्ष की तुलना में आपकी कंपनी ने नन्-कोकिंग कोल के उत्पादन में 8.66% उन्नति की ओर आलोच्य वर्ष में गत वर्ष की 71.01 मिलियन टन की अपेक्षा 6.15 मिलियन टन अधिक उत्पादन की।

नन्-कोकिंग कोल के उत्पादन-विवरण निम्न दर्शाए गये हैं :

			मिलियन टन में
अनुषंगी	नन्-कोकिंग		1980-81 पर % वृद्धि
	कोल का उत्पादन		
	1980-81	1981-82	
ई सी एल	20.57	22.77	10.70
बी सी सी एल	3.95	4.28	8.35
सी सी एल	17.54	19.26	9.81
डब्ल्यू सी एल	28.34	30.15	6.39
एन ई सी	0.61	0.70	14.75
कुल	71.01	77.16	8.66

#### साफ्ट कोक

1981-82 वर्ष में साफ्ट कोक के उत्पादन में एक सीमित वृद्धि अर्थात् 2.263 मिलियन टन से बढ़ कर 2.296 मिलियन टन हुई और इस तरह कुल प्रतिशत वृद्धि गत वर्ष की तुलना में 1.46% रही। साफ्ट कोक के उत्पादन के विवरण निम्न है :

अनुषंगी	साफ्ट कोक का उत्पादन		1980-81 पर % वृद्धि
	1980-81	1981-82	
ई सी एल	1.012	1.096	8.30
बी सी सी एल	0.829	0.850	2.66
सी सी एल	0.423	0.350	(—) 17.26
डब्ल्यू सी एल	—	—	—
कुल	2.263	2.296	1.46

#### हार्ड कोक

हार्ड कोक के उत्पादन में आपकी कंपनी ने आलोच्य वर्ष में, गत वर्ष की तुलना में 19.48% वृद्धि साध्य की और कुल उत्पादन गत वर्ष के 0.77 मिलियन टन से बढ़ कर इस वर्ष 0.92 मिलियन

टन हुआ। अनुषंगी-क्रम से विवरण निम्न है :

अनुषंगी	हार्ड कोक का उत्पादन		1980-81 की तुलना में % वृद्धि
	1980-81	1981-82	
ई सी एल	0.01	0.01	—
बी सी सी एल	0.73	0.88	20.55
सी सी एल	0.03	0.03	—
कुल	0.77	0.92	19.48

#### परिष्कृत कोयला

1981-82 में परिष्कृत कोयले का उत्पादन 1980-81 के 8.53 मिलियन टन से बढ़कर 9.18 मिलियन टन हो गया और इस तरह वृद्धि दर 7.62 % रही। यह उत्पादन भी बारम्बार होनेवाली बिजली आपूर्ति में रुकावटों के बावजूद हुई जिससे भारत कोकिंग कोल लिमिटेड एवं सेंट्रल कोलफील्ड्स लिमिटेड में 0.55 मिलियन टन उत्पादन-हानि हुई। अनुषंगी क्रम से परिष्कृत कोयले का उत्पादन निम्न दिया जा रहा है :

अनुषंगी	परिष्कृत कोयले का उत्पादन		1980-81 की तुलना में % वृद्धि(+)/ हास (-)	
	1980-81	1981-82		
बी सी सी एल	4.48	4.92	(+)	9.82
सी सी एल	3.81	4.06	(+)	6.56
डब्ल्यू सी एल (नन्-कोकिंग)	0.24	0.20	(-)	16.67
कुल	8.63	9.18	(+)	7.62

#### ओवर बर्डेन हटाना

1980-81 के 33.28 मिलियन टन की तुलना में यंत्रीकृत ओपेन-कास्ट खानों से 1981-82 वर्ष के दौरान 37.79 मिलियन टन कोयले का उत्पादन हुआ। यंत्रीकृत ओपेन कास्ट खानों के द्वारा उत्पादन वृद्धि में बढ़ती हुई रकमान के अनुरूप ओवर बर्डेन रिमूअल का महत्व भी दिनों दिन बढ़ रहा है। आलोच्य वर्ष के दौरान ओवर बर्डेन को हटाने में त्वरान्वित क्रिया गया और कुल 80.88 घन मीटर हटाया गया जो गत वर्ष 1980-81 में केवल 61.20 घन मीटर था कोयले के उत्पादन एवं ओवर बर्डेन हटाने के परि-सांख्याकियां निम्न दी गई है :

अनुषंगी	ओवर बर्डेन रिमूअल मिलियन घन मीटर में		कोयले का उत्पादन मिलियन टन में		1980-81 की तुलना में % वृद्धि	
	मिलियन घन मीटर में		मिलियन टन में		ओ बी आर कोयला	
	1980-81	1981-82	1980-81	1981-82		
ई सी एल	7.37	11.65	2.74	4.55	58.07	66.06
बी सी सी एल	4.45	8.09	3.57	4.71	81.80	31.93
सी सी एल	32.7	40.06	18.83	19.04	22.25	1.11
डब्ल्यू सी एल	16.61	21.08	8.14	9.49	26.91	16.58
कुल	61.20	80.88	32.28	37.79	32.16	13.55



### ओपन कास्ट मशीनों की उपयोगिता

गत वर्ष के निष्पादन की अपेक्षा इस वर्ष के दौरान (1981-82 में) एच ई एम एम की प्राप्यता एवं उपयोगिता में उन्नति हुई। गत वर्ष के 78.8% की तुलना में कुल एच ई एम एम की उपयोगिता क्षमता 83.6% रही।

फिर भी एच ई एम एम की प्राप्यता एवं उपयोगिता के प्रतिशत को बढ़ाने के लिए निम्नलिखित महत्वपूर्ण कदम लिए गए हैं :

#### (अ) अतिरिक्त पुर्जों की प्राप्यता

एच ई एम एम के लिए तीन वर्ष की एक दीर्घ-कालीन मांग पत्र दिया गया है एवं अतिरिक्त पुर्जों के खरीदने की क्रम में भी प्रति वर्ष पुनरीक्षण किया जा रहा है। पहली वर्ष के लिए निर्माणकर्ताओं के पास दृढ़ आदेश पत्र हैं और आने वाले वर्षों के लिए अपनी मांग पेश किए हैं जिससे कि अतिरिक्त पुर्जों की प्राप्ति में सुविधा हो। मांग के अनुसार आपूर्ति को अक्षुण्ण बनाए रखने के लिए मॉनिटरिंग के सुदृढ़ प्रणाली भी चालू की गई है।

(ब) कार्यशालाएँ : करीब-करीब सभी ओपन कास्ट खानों में एकक कार्यशालाएँ आरंभ की गई हैं। बी सी सी एल एवं सी सी एल कुछ पैच डिपोजिट खानों को छोड़कर यह की गई है।

त्रि-स्तरीय कार्यशालाएँ अर्थात् एकक कार्यशालाएँ, आंचलिक कार्यशालाएँ एवं केन्द्रीय कार्यशालाएँ चिन्हित की गई हैं और इनके निर्माण क्रम में तेजी लाने के प्रयास किए जा रहे हैं।

(स) श्रमशक्ति : एच ई एम एम के प्रचालन एवं रख-रखाव के लिए अनुषंगी कंपनियों में प्रचालन एवं रख-रखाव कर्मियों की नियुक्ति में कदम उठाए गए हैं।

#### विपणन

मांग पूर्ति : कोल इण्डिया पर 111.32 मिलियन टन मांग की जो निर्धारण की गई थी उसकी 96% पूर्ति की जा चुकी है जब कि 1980-81 में केवल 89% किया गया था एवं 1979-80 में 88% किया गया था। बी सी सी एल और सी सी एल तथा डब्ल्यू सी एल में मांग पूर्ति 100% से अधिक की गई जब कि ई सी एल, डब्ल्यू सी एल एवं एन ई सी में यह क्रमशः 88%, 90% एवं 91% रही।

कंपनी-क्रम से मांग की रूझान, वास्तविक आफ टेक और मांग पूर्ति के 1980-81 एवं 1981-82 के आंकड़े निम्न-सारणी में दिए जा रहे हैं :

मिलियन टन में

कंपनी	1981-82			1980-81 (परिशोधित)		
	मांग	आफ टेक	मांग पूर्ति	मांग	आफ टेक	मांग पूर्ति
ई सी एल	26.03	22.93	88%	27.82	21.44	77%
बी सी सी एल	22.62	22.72	100%	22.92	19.75	86%
सी सी एल	26.97	28.99	107%	258.3	26.62	103%
डब्ल्यू सी एल	35.00	31.60	90%	31.40	27.90	89%
एन ई सी	0.70	0.64	91%	0.70	0.61	87%
कुल	111.32	106.88	96%	108.67	96.37	89%

उपभोक्ता-क्रम से मांग पूर्ति : उपभोक्ता-क्रम से मांग, आफ टेक एवं मांग की आपूर्ति 1981-82 एवं 1980-81 वर्षों के लिए निम्न सारणीवृत किया जा रहा है।

वर्ष में आफ टेक में 11% वृद्धि के फलस्वरूप, सभी उपभोक्ताओं की मांग आपूर्ति 96% किया गया। बिजली शक्ति में यह 107% रही। साफ्ट कोक की मांग पूर्ति केवल 82% रही क्योंकि साफ्ट कोक के संचरण में रेलवे में अग्रता नहीं दी गई।

मिलियन टन में

उपभोक्ता	1981-82			1980-81 (कच्चा कोयला)		
	मांग	आफ टेक	मांग पूर्ति	मांग	आफ टेक	मांग पूर्ति
इस्पात	21.20	20.27	96%	22.05	19.00	86%
बिजली	36.10	38.76	107%	33.83	32.35	96%
लोको	10.90	9.68	89%	10.90	10.16	93%
सीमेंट	4.20	4.13	98%	3.70	3.36	91%
उर्वरक	3.40	2.82	83%	2.80	1.93	69%
साफ्ट कोक	3.70	3.02	82%	4.00	2.94	73%
निर्यात	0.24	0.16	67%	0.30	0.11	37%
बी आर के एवं अन्य	26.70	28.01	105%	27.21	26.52	97%
कुल	106.44	106.85	100%	104.79	96.37	92%

ग्राफटेक से इस उन्नति ने बड़े उपभोक्ताओं के कार्यकारी कोयले की भण्डारों की सन्तृप्ति कर वृद्धि की। विजली के क्षेत्र में कार्यकारी भण्डार की वर्ष के अन्त तक 24 दिन का उपयोग स्तर तक पहुंच गई जब कि गत वर्ष में यह स्थिति केवल 13 दिनों तक के लिए थी। सीमेंट क्षेत्र में अभूतपूर्व भण्डार की स्थिति रही और यह 24 दिनों के उपभोग के बराबर थी और इस्पात संयंत्रों में 11 दिन उपभोग भण्डार थी।

#### परिवहन रीतियाँ

1981-82 वर्ष के दौरान यह देखा गया कि कोयला लदान के लिए रेलवे वैगनों की प्राप्ति में काफी सुधार हुआ और वर्ष 1980-81 की तुलना में 1168 वैगन अधिक उपलब्ध कराये गये और कुल वैगनों की उपलब्धि 8476 थी। पर 1981-82 में यह दैनिक 10954 वैगनों की मांग की तुलना में काफी कम रही। अधिक वैगनों की इस प्राप्ति से उपभोक्ताओं को रेल द्वारा कोयला ढोने में काफी सुविधा हुई और परिणाम स्वरूप सड़क द्वारा प्रेषण 1980-81 के स्तर तक ही सीमित रही। 1981-82 एवं 1980-81 में कोयला एवं कोयले की उत्पादों के प्रेषण की स्थिति का विवरण निम्न सारणी में दिया गया है :

मिलियन टन में

	1981-82	1980-81	1981-82 में बढ़ोत्तरी दर (प्रतिशत)
रेल (द्वि-संचरण को छोड़कर)	65.417	56.156	16.5
सड़क	26.452	26.258	0.7
रज्जुपथ	2.237	2.055	8.9
बेल्ट	2.922	2.705	8.0
स्वयं व्यवस्था से प्राप्त वैगन	1.800	1.942	शून्य
कुल	98.828	89.116	10.9

#### स्टाक यार्ड

गत कुछ वर्षों से रेल द्वारा कोयला/कोक के परिवहन की अनिश्चयता को देखते हुए विभिन्न उपभोक्ता-केंद्रों में कमी की एक मनोवैज्ञानिक पहलू परिवर्धित हो रही थी और यह पहलू खानों से दूर उपभोक्ताओं में विशेष कर परिब्याप्त थी।

कोयले की उपलब्धि एवं खुले बाजार में उचित दर से प्राप्ति की उद्देश्य से, सरकारी स्तर पर उपभोक्ताओं को सीधे कोयले के आवंटन के लिए निर्णय लिया गया। प्रथमतः, स्ट्राक यार्ड की एक योजना बनाई गई जिसके द्वारा घरेलू कोयले का स्ट्राक यार्ड खोला जा सके। बाद में, इस योजना में विविध कोयला उत्पादों को शामिल किया गया और साथ ही ग्रामीण आवंटन केन्द्र भी खोले गये।

विभिन्न राज्यों में इस तरह के 32 स्ट्राक यार्ड खोले गये जो कि निम्न हैं :

पश्चिम बंगाल	13
उ० प्र०	7
गुजरात	8
पंजाब	1
हरियाणा	2
तामिलनाडु	1
कुल	32

इन स्ट्राक यार्डों के प्रारंभ होने से बाजार में कोयले के मूल्य में स्थिरता आई और इनके स्थापित स्थानों में कोयले के खुली बाजार में मूल्य में भी काफी ह्रास हुआ। इन स्ट्राक यार्डों के चालू करने के बाद यह बात अनुभव में आई कि परियोजित मांग में होने वाले उतार-चढ़ाव में कमी आई और खुली बाजार में भाव भी कमा। यह अनुमान किया जाता है कि इन स्ट्राक यार्डों के माध्यम से लगभग 25 लाख टन कोयले/कोक का आवंटन तभी हो सकेगा जब 100 स्ट्राक यार्डों की स्थापना लक्ष्य की सिद्धि हो सके।

#### कोयला भंडार स्थिति

31 मार्च, 1982 को पिट हेडों पर कोयला भण्डार स्थिति 20.165 मिलियन टन थी। 31.3.1981 की स्थिति की तुलना में यह 2.690 मिलियन टन अधिक है। अनुषंगी/डिविजन क्रम से स्ट्राक की स्थिति निम्न दिया जा रहा है :

मिलियन टन

अनुषंगी/डिविजन	भण्डार	स्थिति	अन्तर
	31.3.81	31.3.82	
ई सी एल	3.346	4.452	(+) 1.106
बी सी सी एल	5.218	5.672	(+) 0.454
सी सी एल	5.615	6.745	(+) 1.130
डब्ल्यू सी एल	3.292	3.228	(-) 0.064
एन ई सी	0.004	0.068	(+) 0.064
कुल	17.475	20.165	(+) 2.690

आपके निदेशक इन बढ़ती हुई पिट हेड भण्डारों की ओर आपका ध्यानाकर्षण करते हैं जो 31.3.80 में 13.0 मिलियन टन था वह बढ़कर 31.3.81 को 17.5 मिलियन टन तथा 31.3.82 को और भी बढ़कर 20.2 मिलियन टन हो गया। इस बढ़ती हुई भण्डार वृद्धि से अनुषंगी कंपनियों की अधिक कार्यकारी पूंजी अटक गई। सीमा से अधिक पिट हेडों पर एकत्र भण्डार से यदि सरकारी आर्थिक सहायता न प्राप्त हो तो अनुषंगी कंपनियों के अर्थोपाय में अनेक अवरोध उपस्थित होंगे। इस जमे हुए भण्डार के

कारण अनुषंगियों को काफी हानि भी उठानी पड़ती है क्योंकि इन भण्डारों को बढ़ाने में व्यय किये हुए ऋणों पर सूद राशि भी बढ़ती जाती है।

#### योजना

आलोच्य वर्ष में 1980-81 से 1984-85 का एक कारपोरेट योजना बनाई गई है। इस योजना में कई प्रमुख अंचल निष्पादन के लिए चिन्हित किए गये हैं। इस योजना के अंतर्गत विपणन, उत्पादन, गवेषणा, तकनीक अभियांत्रिकीय सेवाएँ, सामग्री प्रबंधन, अनुसंधान व विकास, कामिक, सुरक्षा, संरक्षण एवं पारिस्थिति की वित्त एवं कल्याण आदि क्षेत्र सम्मिलित है।

आलोच्य वर्ष में 'दस-वर्षीय परिपेक्ष्य योजना' सम्बंधी कार्य-कलापों की दिशा में भी कार्य हुए। यह आशा की जा रही है कि 1982-83 तक यह योजना अपना अंतिम रूप ले लेगी।

अनुषंगी कंपनियों/एककों में 'षष्ठ योजना लागत' सम्बंधी आलोचना भी इस वर्ष किया गया। इस आलोचना के फलस्वरूप योजना-काल में दशानुक्रम से पूंजी विन्यास, कुल पूंजी का अनुमान तथा कुल लागत पूंजी सम्बंधी षष्ठ योजना लागत की परियोजनान्वयन किया जा सका।

सी एम पी डी आई एल के क्रियाशील कार्य से विभिन्न भू-गर्भीय खानों के उत्पादन क्षमताओं में वृद्धि हुई। ओपेन कास्ट खानों की क्षमताओं का भी निर्णय इस वर्ष किया गया। खानों की क्षमता सम्बंधी निश्चयीकरण कार्य पर भी, जो कि 1982-83 में होना था, जोर दिया गया। इन कार्यों से अलग-अलग खानों की उपयोग क्षमताओं को मानिटर करने में सहूलियत हुई।

#### योजना सूत्रीकरण

सी एम पी डी आई ने आलोच्य वर्ष में 924.90 करोड़ अनुमानित लागत वाली और 29.07 मिलियन प्रति वर्ष क्षमता वाली 22 परियोजनाओं/फीजिविलिटी रिपोर्टों को रूप दिया। अनुषंगी कंपनी क्रम से इन परियोजनाओं का विस्तृत विवरण नीचे दिया गया है :

अनुषंगी	परियोजना संख्या	कुल अनुमानित पूंजी विन्यास (करोड़ रुपये में)	क्षमता मिलियन टन/वर्ष
ई सी एल	3	115.82	3.22
बी सी सी एल	1	160.02	3.00
सी सी एल	4	388.72	11.90
डब्ल्यू सी एल	14	260.34	10.95
कुल	22	924.90	29.07

उपर्युक्त के अलावा, सी एम पी डी आई एल ने बालू परिवहन, शाग उफान योजना (फ्राय फ्लोटेशन स्कीम), जल आपूर्ति योजना, कार्यशालाएँ, वाशरी एवं विस्फोटक संयंत्र आदि पर 13 विशेष प्रतिवेदन तैयार किए।

#### भू-गर्भीय उत्खनन

186 ड्रिलों को प्रयोग कर आलोच्य वर्ष में 2.17 लाख मीटर का ड्रिल किया गया। इनमें से सी एम पी डी आई एल ने 44 ड्रिलों को काम में लगाया। बाकी 142 ड्रिलों को अन्य एजेन्सियों जैसे: मिनरल एक्सप्लोरेशन कार्पोरेशन, राज्य सरकार काम में लगाया। कोल इण्डिया के विभिन्न कोयला क्षेत्रों पर कुल 32 भू-वैज्ञानिक प्रतिवेदन तैयार किए गये और जिससे 4821 मिलियन टन प्रमाणित रिजर्व का अनुमान लगाया गया जिसमें 1007 मिलियन टन प्राइम कोकिंग कोल भी शामिल है। देश में बन रहे सुपर थर्मल पावर स्टेशनों की दृष्टि से नये रिजर्वों/स्त्रोतों के अनुसंधान पर काफी जोर दिया जा रहा है।

भू-भौतिकीय अनुसंधानों में, द्रव-भूविज्ञान, अभियांत्रिकीय भू-वैज्ञानिक अध्ययनों में एवं अनुसंधान कार्य-कलापों के कम्प्यूटराइजेशन में, परिपाटीगत ड्रिलिंग के अलावा अधिकाधिक अनुसन्धानीय तकनीक को उपयोग में लाया जा रहा है।

#### अनुसंधान व विकास

कोयला क्षेत्र के सभी अनुसंधान व विकास परियोजनाओं के मानिटरिंग एवं समन्वयन का कार्यभार भारत सरकार द्वारा सी एम पी डी आई एल को दिया गया जिसको आर्थिक सहायता विज्ञान और तकनीकी अनुदानों से प्राप्त होती है और यह कोयला विभाग से होती है।

25 विभिन्न एजेन्सियों/संस्थाओं के हाथ फिलहाल 60 ऐसी परियोजनाएँ कार्यान्वयित हैं जिनकी परिधि में खनन तकनीक, मिश्र अभियांत्रिकीय, ड्रिलिंग एवं गवेषणा, कोयला बेनेफिशियेशन, कोयला उपयोगिता, सुरक्षा एवं पारिस्थितिकीय अभियांत्रिकी आदि है। आलोच्य वर्ष में 10 परियोजनाओं को सफलतापूर्वक पूर्ण किया गया है। कुछ परियोजनाओं की मुख्य विशेषताएँ निम्न दी जा रही हैं :

#### (अ) खनन तकनीक

लांगवाल तकनीक : इस वर्ष लांगवाल पद्धति से कोल इण्डिया में खनन पर ज्यादा जोर दिया गया है। चार लांगवाल फैसेस परीक्षाणात्मक तौर पर एवं सात उन्नति के स्तर पर हैं।

#### (ब) विस्फोट तकनीक

सी एम पी डी आई एल द्वारा नियंत्रित विस्फोट तकनीक के कई विशेष समस्याओं का समाधान किया जा चुका है। अण्डरग्राउण्ड खानों में बंकर/स्टैपल को ड्रैवेज के एक क्रेटर रेडियल पद्धति को डी जी एम एस ने विकास किया और इसे डिग्री-I के खानों के लिए अनुमोदित किया जिससे लागत में 20-25% की कमी होगी। नियंत्रित विस्फोट तकनीक के सफलतापूर्वक प्रयोग के कारण 30 मिलियन टन उस कोयले का उत्खनन किया जा सका जिसे आगे प्राप्त करना दुस्कर था।

### (स) कोयला उपयोगिता

प्रयोग के तौर पर मुम्मा स्थापित साफ्ट कोक संयंत्र का कार्य निष्पादन सन्तोषजनक है और इसकी क्षमता बढ़ाई जा रही है। चुने हुए भारतीय कोयले (अधिकतर नन कोकिंग जो जापान में लिस्ट करने योग्य है) को जापानी डिडियर-कैहान-मुमितोमो तकनीकी पद्धति द्वारा मैटल्लर्जिकल ग्रेड के कोक में तैयार किया जा रहा है। एन ई सी में व्यावसायिक पैलेट कोक संयंत्र के लिए एक फीजिविलिटी प्रतिवेदन सी एफ आर आई में प्रयोगशाला में अनुसंधानों के आधार पर निर्माणाधीन है।

### (द) कोयला बेनेफिशियेशन एवं वासरी

कोल वाशरियों एवं बेनेफिशियेशन संयंत्र से निकले अवशेषों के उपयोग के लिए कई योजनाएं आलोचनाधीन हैं। कोल बेनेफिशियेशन प्रणाली में अनुरूपण के लिए कम्प्यूटर कार्यक्रम की उन्नति, फोटो-मीट्रिक क्रिसोटर्स द्वारा कोयले का सूखा डिशोलिंग, वाशरियों में मैग्नेटाइट का उपभोग, फायर कोयले का निर्जलीकरण एवं छानना आदि योजनाएं भी इसमें शामिल हैं। ये परियोजनाएं उन्नति के विभिन्न स्तरों पर हैं।

### (प) खननीय इलेक्ट्रानिक्स

सी एम पी डी आई एल को कोयला एवं अ-कोयला क्षेत्रों में माईनिंग इलेक्ट्रानिक्स के शुरु करने एवं कार्यान्वयन के लिए एक नोडाल एजेंसी के रूप में बनाया गया। वेस्टर्न कोलफील्ड्स लिमिटेड में डीप शाफ्ट खानों में केज संचार प्रणाली, बी एच एफ संचार प्रणाली की कई परियोजनाएं और एन ई सी में समाकलित (इंटीग्रेटेड) संचार प्रणाली की परियोजनाएं पूर्ण की गई हैं। पारिस्थितिकीय मानिटरिंग, औद्योगिक इलेक्ट्रानिक्स संबंधी परियोजनाएं हाथ में ली गई और इनकी फील्ड परीक्षाएं चल रही हैं।

### (फ) खनन प्रयोगशाला

आलोच्य वर्ष में खनन प्रयोगशाला ने करीब 1500 मीटर चट्टान के अन्दर यांत्रिकीय परीक्षण किया। कुछ खानों में स्ट्राटा कंट्रोल एवं वेंटीलेशन तथा धूल नियंत्रण अध्ययन किये गये। टेस्ट डाटा विश्लेषण और टेस्ट प्रोसीड्योर के मानकीकरण के लिए कम्प्यूटरों का प्रयोग किया गया।

### विदेशी सहयोग

आलोच्य वर्ष में आपकी कम्पनी ने विदेशी सलाहकार एजेंसियों जैसे न्सेवेतमेतप्रोमेक्सपोर्त्त (सोवियत रूस) तथा फ्रांस के सी डी एफ के साथ 10 ठेकों पर हस्ताक्षरित किए जिनसे उनके साथ तकनीकी सहायता मिले।

कुछ चुने हुए खानों में शील्ड माइनिंग, बड़े बालूकामय पत्थरों की केविंग, निदेशक विस्फोटन, सब-लेवल केविंग, ब्लास्टिंग गैलरी

पद्धति, हवीय खनन आदि संबंधित आधुनिक खनन तकनीकों को उन्नतिशील देशों के साथ मिलकर शुरू किया गया है। भारतीय-भू-खननीय परिस्थितियों के अनुसार, इन सब कार्यों में, और इनको अपनाने में सी एम पी डी आई एल इनमें कुछ सुधार कर महत्वपूर्ण भूमिका अदा कर रही है।

### सुरक्षा

1981-82 में मृत्यु संख्या एवं गंभीर रूप से आहतों की संख्या में काफी गिरावट आई। सी सी एल को छोड़कर सभी अनुषंगियों में मृत्यु संख्या कम हुई। सी सी एल में 12 मृत्युएं की संख्या बढ़ी जिसमें जगन्नाथ ओपेन कास्ट खान की दस मृत्यु भी शामिल है। गंभीर रूप से आहतों की संख्या का हर अनुषंगी में ह्रास पाया गया।

नोचे की सारणी में अनुषंगी/डिविजन क्रम से मृत्यु विवरण एवं गंभीर रूप से आहतों की संख्या 1980-81 एवं 1981-82 के लिए को दर्शाया गया है :

अनुषंगी	मृत्यु संख्या		1980-81 पर % वृद्धि (+)/ ह्रास (-)	
	1980-81	1981-82		
ई सी एल	39	24	(-)	15
बी सी सी एल	51	38	(-)	13
सी सी एल	14	26	(+)	12
डब्ल्यू सी एल	34	34		—
एन ई सी	4	2	(-)	2
कुल	142	124	(-)	18

  

अनुषंगी	गंभीर रूप से आहतों की संख्या		1979-80 पर वृद्धि (+)/ ह्रास (-)	
	1980-81 (परिशोधित)	1981-82		
ई सी एल	389	327	(-)	62
बी सी सी एल	210	191	(-)	19
सी सी एल	118	111	(-)	7
डब्ल्यू सी एल	389	327	(-)	62
एन ई सी	18	8	(-)	10
कुल	1124	964	(-)	160

सी आई एल ने विविध सुरक्षा समितियों और सुरक्षा पर हुई पाँचवीं सम्मेलन में ली गई निर्णयों की कार्यान्वयन के लिए अपनी एक स्पष्ट निर्धारित सुरक्षा नीति को अपनायी और कई अल्प-कालीन एवं दीर्घ-कालीन योजनाएं बनाई। विभिन्न स्तरों पर सुरक्षा प्रबन्धन ने, तीव्र अन्तर कार्य-कलापों, प्रशिक्षण, शिक्षा आदि के द्वारा सुरक्षा में काफी सुधार किया गया। आंतरिक सुरक्षा संस्थाएं

जो विभिन्न एकक स्तरों पर कार्य कर रही हैं और इन्हें एकक स्तरों पर कंपनी की सुरक्षा योजनाओं को सुचारू रूप से लागू करने के अधिकार दिए गये हैं। कारपोरेट स्तर पर, एक सुरक्षा परिषद का निर्माण किया गया है जो अनुषंगी कंपनियों में सुरक्षा निष्पादन का मानिटर करता है।

#### उत्पादकता

गत वर्ष के 0.71 की तुलना में आपकी एवं अनुषंगी कंपनियों का आलोच्य वर्ष में ओ एम एस बढ़कर 0.78 हो गया। अनुषंगी/डिविजन-क्रम से 1980-81 एवं 1981-82 वर्ष का ओ एम एस नीचे दिया गया है :

अनुषंगी/डिविजन	ओ एम एस/टन में	
	1980-81	1981-82
ई सी एल	0.51	0.54
बी सी सी एल	0.59	0.66
सी सी एल	1.05	1.16
डब्ल्यू सी एल	0.92	0.93
एन ई सी	0.58	0.66
औसत	0.71	0.78

#### श्रमशक्ति

गत वर्ष के 6,16,139 की तुलना में आपकी कंपनी एवं अनुषंगियों की श्रमशक्ति 6,33,102 थी। इस तरह संख्या में 16,963 की वृद्धि हुई। इसका कारण गत वर्ष की तुलना में इस वर्ष उन्नति मूलक कार्यों में वृद्धि ही है। गत वर्ष की तुलना में उत्पादन बढ़कर 109.61 मिलियन टन हुआ अर्थात् 8.7% की वृद्धि हुई। ओ एम एस भी गत वर्ष के 0.71 से बढ़ कर 0.78 हुआ। श्रम शक्ति की वृद्धि का प्रधान कारण ऊँची दक्षता वाली श्रेणियों में कर्मचारियों की नियुक्ति ही थी क्योंकि उन्हें नयी परियोजनाओं में प्रयुक्त एच ई एम एम के प्रचालन एवं रख-रखाव में लगाया गया।

अनुषंगी कंपनी का नाम	हड़तालों की संख्या		मानव दिवसों की हानि (लाख में)		उत्पादन हानि (लाख में)	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
ई सी एल	170	167	3.19	3.04	2.06	2.28
बी सी सी एल	97	102	1.02	0.74	1.00	0.70
सी सी एल	68	45	0.37	0.39	0.30	0.20
डब्ल्यू सी एल	93	69	1.58	1.24	1.74	1.29
एन ई सी	—	—	—	—	—	—
सी एम पी डी आई एल	—	—	—	—	—	—
कुल	428	383	6.16	5.41	5.10	4.47

अनुषंगी/डिविजन क्रम से कुल कर्मचारी शक्ति नीचे दी गई है :

अनुषंगी/डिविजन	पहली अप्रैल को श्रमशक्ति की स्थिति	
	1981	1982
सी आई एल	644	686
बी सी सी एल	1,70,673	1,72,240
ई सी एल	1,88,156	1,90,839
सी सी एल	1,11,587	1,14,173
डब्ल्यू सी एल	1,37,663	1,47,612
एन ई सी	4,666	4,695
सी एम पी डी आई एल	2,750	2,857
कुल	6,16,139	6,33,102

#### औद्योगिक संबंध

हड़तालें : कोयला क्षेत्रों में विविध ट्रेड यूनियनों एवं इनकी आपसी कलहों के बावजूद प्रबन्धन, भारत सरकार एवं यूनियन नेताओं के सतत् एवं सम्मिलित प्रयासों से ई सी एल, सी सी एल एवं डब्ल्यू सी एल में हड़तालों की संख्या को घटाया जा सका और जिससे मानव-दिवसों की हानि की संख्या को कमाया जा सका। 1980-81 की तुलना में इस वर्ष बी सी सी एल में हड़तालों की संख्या बढ़ी। पर मानव दिवसों की हानि भी कम हुई और उसी तरह उत्पादन हानि को भी बचाया जा सका। हड़तालों की संख्या, मानव-दिवसों की हानि, उत्पादन हानि का विशद विवरण, 1980-81 और 1981-82 के लिए अनुषंगी क्रम से नीचे दिया जा रहा है :

#### कानून एवं व्यवस्था की घटनाएँ

आलोच्य वर्ष में कानून एवं व्यवस्था संबंधी 615 घटनाएँ घटीं जब कि यह संख्या गत वर्ष के लिए 585 थी अर्थात् 30 घटनाओं की वृद्धि हुई। इन घटनाओं के बढ़ने का प्रधान कारण बेकार स्थानीय युवा एवं जिन किसानों की भूमि अर्जित की गई थी उनके द्वारा प्रदर्शन और काम में अवरोध की घटनाएँ हैं। बिहार एवं पश्चिम बंगाल में इस तरह की घटनाओं के निवारण के लिए केन्द्रीय सरकार, बिहार सरकार एवं पश्चिम बंगाल सरकार द्वारा सम्मिलित प्रयास किए गये। कानून एवं व्यवस्था संबंधी घटनाओं का

अनुषंगी क्रम से विवरण निम्न दिया जा रहा है :

अनुषंगी/डिविजन का नाम	घटनाओं की संख्या	% वृद्धि (+)/ ह्रास (-)
1980-81	1981-82	1980-81 पर
ई सी एल	278	303 (+) 9%
बी सी सी एल	125	129 (+) 3.2%
सी सी एल	67	88 (+) 31.34%
डब्ल्यू सी एल	115	95 (-) 17.4%
कुल	585	615 (+) 5.1%

#### कल्याण एवं सामाजिक सुविधायें

आलोच्य वर्ष में कोयला क्षेत्रों में खनिकों के जीवन में गुणगत विकास के लिए कल्याणकारी योजनाओं पर ज्यादा जोर दिया गया और इसके लिए मूलभूत सुविधायें जैसे, आवास, जलापूर्ति, आरोग्य, शिक्षा एवं मनोरंजन की सुविधायें। विकासीय कार्यक्रम इस दिशा में उपलब्ध लक्ष्य नीचे दिये गये हैं :

आवासीय सुविधायें	31 मार्च की स्थिति 1981	1982
(आवासों की सुविधा)	1,88,384	1,99,084
शैक्षणिक सुविधायें (विद्यालय एवं कालेजों की संख्या)	501	635
जलापूर्ति (जन संख्या)	12,53,226	13,62,735

#### सामूहिक दुर्घटना बीमा योजना

कोल इण्डिया के अधिकारियों के लिए ग्रुप पर्सनल एक्सिडेंट इश्योरेंस नामक एक सामूहिक दुर्घटना बीमा योजना शुरू की गयी है। इस योजना में सभी अधिकारी, स्नातक अभियंता अधिकारी प्रशिक्षु, निदेशक एवं अध्यक्ष-सह-प्रबंध निदेशक भी आते हैं। यह एक कल्याणकारी नीति है और 24 घंटों के आधार पर होने वाली हर दुर्घटना को शामिल करती है। इसमें भयावह रूप से होने वाली और दिखाई पड़ने वाली हर बाहरी घटना जिससे मृत्यु अथवा अंग हानि को लिया जाता है लेकिन आंतरिक चोट अथवा आत्महत्या को नहीं लिया जाता। इसमें स्थाई अपंगता और आंशिक अपंगता भी आती है।

#### प्रधान परियोजनायें/योजनायें

आलोच्य वर्ष में आपकी कंपनी ने परिशोधन/विकासीकरणमय 86 परियोजनाओं/योजनाओं को मंजूरी दी है। अनुमोदित परियोजनाओं के विवरण निम्न दिये गये हैं :

अनुषंगी	परियोजना विकास/परिशोधन परियोजनायें	वाशरी	अन्य	कुल
ई सी एल	3	8	—	11
बी सी सी एल	1	7	1	19
सी सी एल	4	15	1	26
डब्ल्यू सी एल	7	18	—	29
सी एम पी डी आई	—	—	—	1
कुल	15	48	2	86

#### पूँजी लागत

गत वर्ष के 349.55 करोड़ रुपये पूँजी लागत के बदले इस वर्ष की पूँजी लागत 580.92 रही। कंपनी/डिविजन-क्रम से विवरण निम्न हैं :

कंपनी/डिविजन	1980 81	1981-82
ई सी एल	75.08	105.78
बी सी सी एल	65.85	114.64
सी सी एल	110.70	210.79
डब्ल्यू सी एल	89.27	131.53
एन ई सी	2.99	4.28
सी एम पी डी आई एल	1.10	2.92
डानकुनी कोल कांप्लेक्स	1.94	8.71
सी आई एल (मुख्यालय) तथा प्रधान (क्रम) (कंपनियों को आवंटन की अनुपस्थिति में)	2.62	2.27
कुल	349.55	580.92

#### पूँजी संरचना

आलोच्य वर्ष में आपकी कंपनी की अधिकृत पूँजी 1500 करोड़ रुपये थी और प्रदत्त तथा अभिदत्त पूँजी 1218.59 करोड़ रुपये थी। अभिदत्त पूँजी में से 246.53 करोड़ रुपये के अंश भारत सरकार को विचारार्थ जारी किए गये हैं जिसमें रोकड़ सम्मिलित नहीं है और 972.06 करोड़ रुपये-रोकड़ में भुगतान किया गया है। इसके अतिरिक्त भारत सरकार को देय 63.30 करोड़ रुपये की राशि को ईक्यूटी शेयर के निर्गम के विरुद्ध समायोजित करना है।

#### सरकार से ऋण

आलोच्य वर्ष में प्लान्ड ऋण के रूप में सरकार से 274.50 करोड़ रुपये प्राप्त हुए और 88.75 करोड़ रुपये ऋण शोध के तथा 71.35 करोड़ रुपये सरकारी ऋण पर व्याज के लौटाये गये हैं। सरकार को कुल 160.10 करोड़ रुपये इस वर्ष चुकाये गये जिसमें ऋण सम्बन्धी बकाये के 33.30 करोड़ रुपये भी शामिल हैं। देय ऋण की राशि 31 मार्च, 1982 तक 1319.57 करोड़ रुपये हैं।

#### परिणाम

आलोच्य वर्ष में, सी सी एल, डब्ल्यू सी एल एवं सी एम पी डी आई एल को लाभ हुआ जब कि सी आई एल (एन ई सी), बी सी सी एल तथा ई सी एल को हानि हुई। इस वर्ष निवेश व्यय की प्रतिपूर्ति के लिये कोयले के विक्रय मूल्य में कोई परिवर्तन नहीं किया गया। इस तरह आपकी कंपनी एवं इसकी अनुषंगियों के कुल कार्य-निष्पादन 34.20 करोड़

रुपये लाभ के रूप में हुआ। पर बजट में दर्शाया गया लाभ 40.64 करोड़ रुपया था। विवरण निम्न है :

करोड़ रुपयों में

कम्पनी/डिविजन	1981-82* में लाभ/हानि	कुल जमा लाभ/हानि (31.3.82 तक)
सी आई एल	(—) 1.47	(—) 115.41
ई सी एल	(—) 87.85	(—) 452.75
बी सी सी एल	(—) 40.10	(—) 343.14
सी सी एल	(+) 121.48	(+) 139.73
डब्ल्यू सी एल	(+) 41.28	(—) 40.78
सी एम पी डी आई एल	(+) 0.86	(+) 0.45
कुल	(+) 34.20	(—) 811.90

\*इसमें पहले अवधियों के समायोजन, डेवलेपमेंट रिबेट्स, रिजर्व्स, लागत भत्ते आदि सम्मिलित नहीं है।

#### कोयले का मूल्य

15 जनवरी, 1982 को मूल्य निर्धारण ग्रुप को दिये गये प्रतिवेदनो के आधार पर सरकार ने 27 मई, 1982 से कोयले के औसत मूल्य में परिशोधन किया। गत वर्ष के औसत आर ओ एम कोयले के मूल्य से इस वर्ष का परिशोधित मूल्य रु० 17.88 पैसे प्रति टन बढ़ा और इस तरह सी आई एल में यह मूल्य अब रु० 145.90 पैसे प्रति टन है। पहले के रु० 150/- की तुलना में साफ्ट कोक का मूल्य बढ़कर रु० 175/- हुआ। इसी तरह साफ्ट कोक पर हो रही हानि की प्रतिपूर्ति के लिए हार्ड कोक के मूल्य में भी वृद्धि की गई।

#### अवधारण मूल्य

चूंकि विभिन्न भू-वैज्ञानिक एवं खननीय परिस्थितियाँ एवं तकनीकी विधियाँ विभिन्न अनुषंगी कंपनियों में विराजमान हैं इसलिए इनके कोयला उत्पादन लागत में बदलाव होता है और इसलिए सरकार कोयले के अवधारण मूल्य को लागू करने के प्रस्ताव का अनुमोदन कोयले की नियंत्रण आदेश, 1945 के संशोधन के जरिये किया और इसके लिए 30 मार्च, 1982 को एक अधिसूचना जारी की जिसमें कोल इण्डिया के प्रत्येक अनुषंगी कम्पनी को क्षतिपूर्ति मूल्य दिया गया। इण्डस्ट्रियल कास्ट एवं प्राइसेज ब्यूरो कोयले के उत्पादन लागत एवं किफायती विक्रय मूल्य के निर्धारण सम्बन्धी अधिकार दिए गये। इस ब्यूरो के प्रतिवेदन के आधार पर कोयले की मूल्य वृद्धि पर पुनरीक्षण किया जायगा।

#### वेतन समझौता

31 दिसम्बर, 1982 तक द्वितीय राष्ट्रीय कोयला वेतन समझौता शर्तों का अवसान होगा। इसलिए वेतन परिशोधन सम्बन्धी बात-चीत के लिए मूल-परिसांख्यिकीय विवरण जुटाए जा रहे हैं

कलकत्ता

30-9-1982

और यह काम, एक ग्रुप जो खासकर इसके लिए निर्मित है, कर रहा है।

#### निदेशक मण्डल

इस दौरान श्री आर एन शर्मा आपके निदेशक मण्डल के अध्यक्ष रहे और इस वर्ष सर्वश्री ए० रंगाचारी, एस० संतानम एवं डा० एस० रमेश निदेशक नियुक्त हुए जबकि सर्वश्री के० पी० मुखर्जी, ए० एन० बनर्जी, आर० पी० सिंह तथा श्रीमती ओ० बोडिया मण्डल से अवकाश ग्रहण किए।

आपकी कम्पनी के निदेशक मण्डल की आठ बैठकें आलोच्य वर्ष में हुई।

सर्वश्री आर० जी० महेन्द्र, सी० एस० झा, डी० पी० गुप्ता, पी० के० लाहिरी, एल० एन० लड्डा, ए० रंगाचारी, एस० सन्तानम्, डा० के० ए० किनी और डा० एस० रमेश अनुच्छेद 33 (डी) (III) के शर्तों के अनुसार आठवीं आम वार्षिक बैठक में अवकाश ग्रहण किए। पर इन्हीं प्रावधानों के अनुसार ये अवकाश प्राप्त निदेशक कोई सरकारी आदेश की अनुपस्थिति में पुनर्नियुक्त किए जा सकते हैं।

#### आभार ज्ञापन

आपके निदेशक कम्पनी तथा अनुषंगियों के हर स्तर के कर्मचारियों के प्रति उनकी कम्पनी के लिए किए गये सेवा की एवज में अपना सच्चा सम्मान प्रदर्शित करते हुए यह विश्वास रखते हैं कि भविष्य में भी वे इसी तरह कम्पनी तथा इसकी अनुषंगियों के कार्य-सामर्थ्य बढ़ाने में कठिन परिश्रम करेंगे।

आपके निदेशक भारत सरकार तथा राज्य सरकार के विभिन्न विभागों तथा अन्य उपक्रमों को उनके सहयोग एवं मार्ग-दर्शन के प्रति आभार ज्ञापन करते हैं।

आपकी कंपनी के निदेशक भारत सरकार के कम्प्ट्रोलर और आडिटर जनरल (कोल) के वैधानिक आडिटर, अधिकारी वर्ग, तथा कर्मचारियों को उनकी सेवाओं के प्रति अपना आभार प्रकट करते हैं।

#### परिशिष्ट

निम्नलिखित प्रपत्र संलग्न किए जा रहे हैं :

- प्रति माह 3000 रुपये वेतन पाने वाले कंपनी के कर्मचारियों के नाम तथा अन्य विवरण, कंपनी अधिनियम, 1956 की धारा 217 (2ए) के प्रावधानों जिन्हें कंपनी के (कर्मचारी संपर्क विवरण) नियम, 1975 के प्रावधानों के साथ पढ़ा जाय।
- भारत सरकार के कम्प्ट्रोलर आडिटर जनरल (कोल) की टिप्पणियाँ एवं पुनरीक्षण।
- वैधानिक आडिटरों द्वारा की गई निरीक्षणों के प्रत्युत्तर (1981-82 के लिए)।
- कंपनी अधिनियम, 1956 के खण्ड 212 (i) (ई) के अनुसार विवरण।

कोल इण्डिया लिमिटेड की ओर से  
बी० एल० बढेरा  
अध्यक्ष

# Report of the Board of Directors for 1981-82

To  
The Shareholders  
Coal India Limited

Gentlemen,

The Directors of your Company have the pleasure in presenting the 9th Annual Report on the working of the Company together with the Audited statement of Accounts for the year ended 31st March, 1982, the report of the statutory Auditors and the Comments and Review of the Comptroller and Auditor General of India (Coal) thereon.

The Company continued to hold five fully owned Subsidiary Companies viz. (a) Eastern Coalfields Limited, (b) Bharat Coking Coal Limited, (c) Central Coalfields Limited, (d) Western Coalfields Limited and (e) Central Mine Planning & Design Institute Limited. The mines in Assam and its neighbouring areas continued to be managed directly by your company.

## Production

The year 1981-82 marked a significant milestone in achieving production target. The overall production during the year touched the all time record of 109.61 million tonnes. It has exceeded the original target of 106.20 million tonnes by 3.41 million tonnes i. e. by 3.2% and the revised target of 108.70 million tonnes by 0.91 million tonnes i. e. by 0.8%. The annual growth rate during 1981-82 over 1980-81 was also impressive i. e. 8.7%. The performance of all the subsidiary companies were remarkable. Each of them has exceeded both the original as well as revised target of production during the year 1981-82. North Eastern Coalfield has also achieved their target of production of 0.70 million tonnes. Subsidiary/Divisionwise over all raw coal production during the year 1980-81 and 1981-82 are indicated below :

(Figs. in million tonnes)

Subsidiary	Production of Raw Coal 1980-81	1981-82	% increase over 1980-81
ECL	22.60	24.22	7.2
BCCL	21.42	23.02	7.5
CCL	27.45	30.11	9.7
WCL	28.75	31.56	9.8
NEC	0.61	0.70	14.8
Total	100.83	109.61	8.7

## Constraints

Your Company suffered a total loss of raw coal production to the tune of 8.37 million tonnes during the year 1981-82 on account of several constraints such as deterioration in power supply, absenteeism, labour unrest etc. The overall production of the Company otherwise would have been much better. Subsidiary Companywise loss of production due to various constraints are given below :

Figs. in millions tonnes

Subsidiary	Power	Absent- eeism	Labour unrest	Other con- straints	Total
E C.L.	1.49	1.24	0.26	0.19	3.18
B.C.C.L.	0.49	0.47	0.07	1.08	2.11
C.C.L.	0.60	0.35	—	0.40	1.35
W.C.L.	0.41	0.24	0.14	0.94	1.73
Total	2.99	2.30	0.47	2.61	8.37

## Coking Coal

The production of Coking Coal in all the Subsidiary Companies (Except Eastern Coalfields Limited) registered growth. Overall growth of 8.82% was achieved during the year in comparison to the last year. The details are indicated below :

(Figs. in million tonnes)

Subsidiary	*Production of Coking Coal		%increase(+) / Decrease(—) over 1980-81
	1980-81	1981-82	
ECL	2.03	1.45	(—) 28.57
BCCL	17.47	18.74	(+) 7.27
CCL	9.91	10.85	(+) 9.49
WCL	0.41	1.41	(+) 243.90
NEC	—	—	—
Total	29.82	32.45	(+) 8.82

\* Also includes coal declared as coking but used for non-metallurgical purposes.

## Non-Coking Coal

Your Company registered a growth of 8.66% in the production of Non-coking Coal over the last year producing 6.15 million tonnes more during the year under review over the production of 71.01 million tonnes during the preceeding year.



The detailed production of Non-coking Coal are indicated below :

(Figs. in million tonnes)

Subsidiary	Production of Non-coking Coal		% increase over 1980-81
	1980-81	1981-82	
ECL	20.57	22.77	10.70
BCCL	3.95	4.28	8.35
CCL	17.54	19.26	9.81
WCL	28.34	30.15	6.39
NEC	0.61	0.70	14.75
Total	71.01	77.16	8.66

#### Soft Coke

The production of soft coke during the year 1981-82 has marginally improved from 2.263 million tonnes to 2.296 million tonnes and registered a growth of 1.46% over last year. Details of Soft Coke production are indicated below :

(Figs. in million tonnes)

Subsidiary	Production of Soft Coke		% increase over 1980-81
	1980-81	1981-82	
ECL	1.012	1.096	8.30
BCCL	0.828	0.850	2.66
CCL	0.423	0.350	(-17.26
WCL	—	—	—
Total	2.263	2.296	1.46

#### Hard Coke

Hard Coke production of your Company during the year under review improved from 0.77 million tonnes to 0.92 million tonnes and achieved a growth of 19.48% over the last year's production. Subsidiary-wise details are given below :

(Figs. in million tonnes)

Subsidiary	Production of hard coke		% increase over 1980-81
	1980-81	1981-82	
ECL	0.01	0.01	—
BCCL	0.73	0.88	20.55
CCL	0.03	0.03	—
Total	0.77	0.92	19.48

#### Washed Coal

Washed Coal production during 1981-82 increased to 9.18 million tonnes from the level of 8.53 million tonnes achieved during the year 1980-81 and registe-

red a growth of 7.62%. This was, inspite of the loss of production of washed coal due to frequent interruption in power supply to the extent of 0.55 million tonnes in Bharat Coking Coal Ltd. and Central Coalfields Ltd. Subsidiarywise production of washed coal is indicated below :

(Figs. in million tonnes)

Subsidiary	Production of washed coal		% increase (+) / Decrease (-) Over 1980-81
	1980-81	1981-82	
BCCL	4.48	4.92	(+) 9.82
CCL	3.81	4.06	(+) 6.56
WCL (Non-Coking)	0.24	0.20	(-) 16.67
Total	8.53	9.18	(+) 7.62

#### Overburden Removal

During the year 1981-82, 37.79 million tonnes of coal was produced from the mechanised opencast mines compared to 33.28 million tonnes during the year 1980-81. Overburden removal has assumed a greater importance in view of the increased production from the mechanised opencast mines. During the year under review the overburden removal was accelerated, and 80.88 million Cu. m. overburden was removed against 61.20 million Cu. m. achieved during the year 1980-81. Details of overburden removal and production of coal are indicated below :

Subsidiary	Overburden removal in million Cu m		Coal production in m. t.		% Growth over 1980-81	
	1980-81	'81-82	'80-81	'81-82	OBR	Coal
ECL	7.37	11.65	2.74	4.55	58.07	66.06
BCCL	4.45	8.09	3.57	4.71	81.80	31.93
CCL	32.77	40.06	18.83	19.04	22.25	1.11
WCL	16.61	21.08	8.14	9.49	26.91	16.58
Total	61.20	80.88	33.28	37.79	32.16	13.55

#### Utilisation of Opencast Machinery

The availability and utilisation of HEMM during the year 1981-82 has also improved as compared to the performance of the previous year. The overall capacity utilisation of HEMM during the year was of the order of 83.6% against 78.8% in the previous year.

However, to further improve the percentage availability and utilisation of HEMM following important actions were taken :

(a) **Availability of Spare Parts** : Long term order for the period of three years was placed for HEMM and the system of ordering of spares is being

reviewed every year. The manufactures have firm order for 1st year and indicated requirements for the following years, so that availability of spare parts is improved. Strict system of monitoring of the supply against the orders has also been introduced.

**(b) Workshops :** The unit workshops were commissioned in almost all the opencast mines, except in a few patch deposit mines in BCCL and CCL. Three-tier workshops system i. e. Unit Workshops, Regional Workshops and Central Workshops required to come in next five years have been identified and progress of construction is being monitored.

**(c) Manpower :** Steps have been taken to recruit both operating and maintenance staff in the subsidiaries for operation and maintenance of HEMM.

### Marketing

**Demand Satisfaction :** The demand of coal assessed at 111.32 million tonnes on Coal India was met upto 96% as against 89% in 1980-81 and 88% in 1979-80. The demand satisfaction on BCCL, & CCL was over 100% whereas in case of ECL, WCL and NEC it was 88%, 90%, 91% respectively.

The Companywise trend in demand, actual offtake and demand satisfaction for the years 1981-82 & 1980-81 are tabulated below :

(Figs. in million tonnes)

Company	1981-82			1980-81 (Revised)		
	Demand	Offtake	Demand Satfn.	Demand	Offtake	Demand Satfn.
ECL	26.03	22.93	88%	27.82	21.44	77%
BCCL	22.62	22.72	100%	22.92	19.75	86%
CCL	26.97	28.99	107%	25.83	26.62	103%
WCL	35.00	31.60	90%	31.40	27.90	89%
NEC	0.70	0.64	91%	0.70	0.61	87%
Total	111.32	106.88	90%	108.67	96.37	89%

**Sectorwise Demand Satisfaction :** Trend in sectorwise demand, offtake and demand satisfaction for the year 1981-82, 1980-81 are tabulated below :

(Figs. in million tonnes of raw coal)

Sector	1981-82			1980-81		
	Demand	Offtake	Demand Satfn.	Demand	Offtake	Demand Satfn.
Steel	21.20	20.27	96%	22.05	19.00	86%
Power	36.10	38.76	107%	33.83	32.35	96%
Loco	10.90	9.68	89%	10.90	10.16	93%
Cement	4.20	4.13	98%	3.70	3.36	91%
Fertiliser	3.40	2.82	83%	2.80	1.93	69%
S/Coke	3.70	3.02	82%	4.00	2.94	73%
Export	0.24	0.16	67%	0.30	0.11	37%
BRK & Others	26.70	28.01	105%	27.21	26.52	97%
Total	106.44	106.85	100%	104.79	96.37	92%

As a result of increase in offtake of 11% during the year, the demand satisfaction of all the major consumers were more than 96%. In case of Power, it was 107%. The demand satisfaction of soft coke was only 82% due to low priority given to the movement of soft coke by railways.

The improved offtake to the major consumers helped them to maintain satisfactory level of working stock of coal. In power sector the working stock at the end of the year went up to about 24 days' consumption as against 13 days' consumption at the end of last year. Cement Plant had unprecedented high stock equivalent to 22 days' consumption and Steel Plant had stock equivalent to 11 days' consumption.

**Mode of Transportation :** The year 1981-82 witnessed improved availability of wagons for coal loading which went up to 8476 wagons per day which was higher by 1168 wagons as compared to 1980-81. However, the actual supply and loading were considerably lower as compared to daily average offer of 10954 wagons in 1981-82. The increased availability of wagons helped the consumers to take coal more by rail and as a result of this the level of road despatches almost remained at the same level of 1980-81. Trend in despatches of coal and coal products by various means during the year 1981-82 & 1980-81 are tabulated below :

(Figs. in million tonnes)

	1981-82	1980-81	Growth rate (%) 1981-82
Rail (Excl. double movement)	65.417	56.156	16.5
Road	26.452	26.258	0.7
Ropeway	2.237	2.055	8.9
Belt	2.922	2.705	8.0
Own arranged wagon	1.800	1.942	Nil
Total	98.828	89.116	10.9

**Stockyard :** It was being noticed that over the years due to uncertainty in movement of coal/coke by rail, a kind of shortage psychosis was brewing up in different consumption centres, specially those, which are located far away from the collieries.

With the objective to ensure availability of coal and stabilisation in open market price, it was decided at Government level to go in for direct distribution of coal to the consumers. Initially, a stockyard scheme

was drawn up to open domestic coal stockyards. Later on, this was extended to multi product stockyards and Rural Distribution Centres.

During the year 1981-82, 32 stockyards in the following States were in operation :

West Bengal	—	13
U. P.	—	7
Gujrat	—	8
Punjab	—	1
Haryana	—	2
Tamil Nadu	—	1
		<hr/> 32 <hr/>

The impact of commissioning stockyard has been felt in stabilising market price, and open market price at many stockyard locations has come down considerably. The experience already gained in operating stockyards has revealed declining trend in the fluctuations of projected demand as well as open market price. It is estimated that approximately 25 lakhs tonnes coal/coke would be distributed through stockyards throughout the country after achieving the target of commissioning around 100 stockyards.

#### Coal Stock

The coal stock at pithead reached a level of 20.165 million tonnes as on 31st March, 1982. The stock increased by 2.690 million tonnes as compared to the stock as on 31.3.1981. The Subsidiary/Divisionwise pithead stock position are shown below :

(Figs. in million tonnes)

Subsidiary/Division	Coal stock as on		Variation
	31.3.81	31.3.82	
ECL	3.346	4.452	(+) 1.106
BCCL	5.218	5.672	(+) 0.454
CCL	5.615	6.745	(+) 1.130
WCL	3.292	3.228	(-) 0.064
NEC	0.004	0.068	(+) 0.064
Total	17.475	20.165	(+) 2.690

Your Directors would invite attention to the increasing pithead stock of coal which has increased to 17.5 m. tonnes on 31st March, 1981 from 13.0 million tonnes on 31st March, 1980 and to 20.2 million tonnes on 31st March 1982. This increasing accumulation of stock has locked up large amount of working capital of the Subsidiary Companies. The

pithead stock, beyond a reasonable limit, unless financed by Government, will pose insurmountable problem in managing the ways and means position of the Subsidiary Companies. The accumulated stock has also affected the profitability of the Subsidiaries due to increased interest on borrowing required to finance the stock.

#### Planning

Corporate Plan 1980-81 to 1984-85 was prepared in the year under review. The plan comprise a number of identified key areas of performance. Areas covered in the Plan are Marketing, Production, Exploration, Technology, Engineering Services, Material Management, Research and Development, Personnel, Safety, Conservation and Ecology, Finance and Welfare.

The jobs in relation to the preparation of a "Ten-year Perspective Plan" continued in the year under review. The Plan is expected to be finalised and brought out in 1982-83.

A review of the "Six Plan Investment" for the Subsidiary Companies/Units of CIL was carried out. As a result of the review, projectisation of the Sixth Plan Investment, Phasing of Investment over the plan period and the estimation of total capital demand have been rendered possible.

With active participation of CMPDIL, production capacities of different underground mines were updated. Capacities of opencast mines were also ascertained during the year. The job of determination of mine capacity for the year 1982-83 was initiated. These exercises made it possible to monitor effectively the capacity utilisation of individual mines.

#### Project Formulation

The CMPDI during the year under review, prepared 22 Projects/Feasibility Report for mines of Subsidiary Companies for 29.07 million tonnes per annum capacity involving an estimated total capital investment of Rs 924.90 crores. Subsidiary Company wise details of the mine projects prepared are given hereunder :

Subsidiary	No. of Project	Capital invest- ment estimated at (Rs crores)	Capacit MT Yr
ECL	3	115.82	3.2
BCCL	1	160.02	3.0
CCL	4	388.72	11.9
WCL	14	260.34	10.9
Total	22	924.90	29.0

The CMPDIL, in addition to the above, prepared 13 special reports on Sand Transportation, Froth Floatation Scheme, Water Supply Scheme, Workshops, Washery and Explosive Plant etc.

### **Geological Exploration**

During the year under review 2.17 lakh metres were drilled by deploying 186 drills. Out of these 186 drills, 44 drills were deployed by CMPDIL, and the balance 142 drills were deployed by other agencies like Mineral Exploration Corporation, State Governments etc. A total of 32 geological reports for various coalfields of Coal India were prepared resulting in an addition of 4821 million tonnes of proved reserves, including 1007 million tonnes of prime coking coal. In view of the proposal to set up additional Super Thermal Power Stations, emphasis was given on exploring new reserves/resources of power coal.

In addition to conventional drilling, considerable progress was made in the introduction of new exploration technology in the area of geophysical investigations, Hydrogeology, Engineering geological studies, computerisation of exploration activities etc.

### **Research & Development**

CMPDIL has been entrusted by Government of India with co-ordination and monitoring of all R & D projects in coal sector, funded through science and technology grants for Department of Coal. 60 Projects are under implementation at about 25 different Agencies/Institutions, covering the areas of Mining Technology, Allied Engineering, Drilling and Exploration, Coal Beneficiation, Coal Utilisation, Safety and Environmental Engineering etc., 10 projects were successfully completed during the year. Salient feature of some of the projects are as under :

#### **(a) Mining Technology**

**(i) Longwall Technology :** The thrust on application of longwall mining in Coal India has been continued during the year. There were four longwall faces on trial and seven under development.

**(ii) Blasting Technology :** A large number of specific problems requiring application of controlled blasting techniques were successfully solved by CMPDIL. A crater radial system for drivage of bunker/staple pit in underground mines was developed and approved by DGMS for Degree - I mines which would reduce the costs by 20-25%. Due to successful application of controlled blasting techniques, about 30 million tonnes of coal, can now be extracted, which were earlier thought unrecoverable.

**(iii) Coal Utilisation :** The experimental Soft Coke Plant at Mugma continued to give satisfactory performance and its capacity is being increased. Selected Indian Coals (mostly non-coking) are being tested in Japan for their suitability in metallurgical grade formed coke with Didier-Kaihan-Sumitomo technology. Preparation of Feasibility Report for commercial Pellet Coke Plant at NEC was taken up with laboratory investigations at CFRI.

**(iv) Coal Beneficiation and Washery :** Schemes have been taken up for better utilisation of rejects from coal washeries and beneficiation plants, development of computer programme for simulation of coal beneficiation process, dry deshaling of coal by photometric ore sorters, control of magnetite consumption in washeries, dewatering and filtration of fine coal. The schemes are at various stages of progress.

**(v) Mining Electronics :** CMPDIL has been made the model agency for initiating and implementing the activities of mining electronics for coal and non-coal sectors. A number of projects were initiated and completed including cage communication system for deep shaft mines, VHF communication system for Western Coalfields Limited., Integrated communication system for NEC. Projects in the areas of Environmental Monitoring, Industrial Electronics have been taken up and field trial are being conducted.

**(vi) Mining Laboratories :** The mining laboratory conducted rock mechanic tests for about 1500 metres of rock cores during the year, strata control and ventilation and dust control studies were conducted in a few mines. Computer application for test data analysis and standardisation of test procedures were made.

### **Foreign Collaboration**

During the year your Company entered into ten (10) contracts with Foreign Consultancy Agencies viz. TSVETMETPROMEXPORT of USSR and CDF of France for transfer of technology.

In collaboration with the advance countries, modern mining techniques e. g. shield mining, caving of massive Sand Stone roof, directional blasting, sub-level caving, blasting gallery method, hydraulic mining etc. are being introduced in a few selected mines. CMPDIL is providing necessary technical assistance for adoption of these techniques in Indian-geo-mining conditions after suitable modification.

## Safety

The number of fatalities and serious injuries during the year 81-82 has considerably reduced compared to 1980-81. There is a reduction of fatalities in all the Subsidiary Companies except CCL, where it has gone up by 12 numbers, which include 10 fatalities in the accident of Jagannath Opencast mine. There is reduction in the serious injuries in all the Subsidiary Companies.

The table below shows Subsidiary/Divisionwise number of fatalities and serious injuries during the year 1980-81 and 1981-82.

Subsidiary	No. of fatalities		Increase (+)/ decrease (—) over 1980-81	
	1980-81	1981-82		
ECL	39	24	(—)	15
BCCL	51	38	(—)	13
CCL	14	26	(+)	12
WCL	34	34	—	—
NEC	4	2	(—)	2
Total	142	124	(—)	18

Subsidiary	No. of serious injuries		Increase (+)/ decrease (—) over 1980-81	
	'80-81 (revised)	'81-82		
ECL	389	327	(—)	62
BCCL	210	191	(—)	19
CCL	118	111	(—)	7
WCL	389	327	(—)	62
NEC	18	8	(—)	10
Total	1124	964	(—)	160

CIL has adopted a well defined safety policy and has drawn up both short-term and long-term safety plans for the implementation of the recommendations made by the various Safety Committees and the 5th Conference on Safety. Safety management at all tiers has been given an added thrust through intensive inter-action, education and training. Internal Safety organisations operating at Unit level have been appropriately empowered to administer the Companies' safety plans. At the corporate level, a Safety Board has been constituted to over-see and monitor the safety performance of all the Subsidiary Companies.

## Productivity

The overall OMS of the Subsidiary Companies and Division of your Company during the year under review has gone up to 0.78 as against 0.71 during the preceeding year. Subsidiary/Divisionwise OMS

in respect of 1980-81 and 1981-82 are indicated below :

Subsidiary/Division	OMS tonnes	
	1980-81	1981-82
ECL	0.51	0.54
BCCL	0.59	0.66
CCL	1.05	1.16
WCL	0.92	0.93
NEC	0.58	0.66
Average	0.71	0.78

## Manpower

Manpower of your Company and its Subsidiaries was 6,33,102 during the year under review as against 6,16,139 in the previous year. There was an increase in the manpower by 16,963. This was due to increase in developmental activities during the year as compared to the preceding years. The production went up to 109.61 million tonnes i. e. by 8.7% during the year over the preceding year. The OMS also went up to 0.78 as compared to 0.71 during 1980-81. The increase in manpower was mostly on account of additional work force appointed in higher skill categories for operation and maintenance of HEMM for the new Projects.

The Subsidiary Company/Divisionwise total manpower figures are indicated below :

Subsidiary/Division	Manpower as on 1st April	
	1981	1982
CIL	644	686
BCCL	1,70,673	1,72,240
ECL	1,88,156	1,90,839
CCL	1,11,587	1,14,173
WCL	1,37,663	1,47,612
NEC	4,666	4,695
CMPDIL	2,750	2,857
Total	6,16,139	6,33,102

## Industrial Relations

**Strikes :** Although the multiplicity of the Trade Unions and Inter-Union-rivalry continued in the coal fields, with the concerted efforts made by the Management, Government, Union leaders, there was reduction in the number of strikes in ECL, CCL and WCL leading to substantial decrease in the number of man-days lost. In BCCL, the number of strikes had increased compared to that of 1980-81, but the

was substantial decrease in the figures of man-days lost and production loss. The details of the number of strikes, man-days lost, production loss during the year 1980-81 and 1981-82 in the Subsidiary Companies are indicated below :

Name of Subsidiary Company	No. of strikes		Mandays Loss		Production loss	
			(Figs. in lakhs)		(In lakh tonnes)	
	1980-81	'81-82	1980-81	'81-82	1980-81	'81-82
ECL	170	167	3.19	3.04	2.06	2.28
BCCL	97	102	1.02	0.74	1.00	0.70
CCL	68	45	0.37	0.39	0.30	0.20
WCL	93	69	1.58	1.24	1.74	1.29
NEC	—	—	—	—	—	—
CMPDIL	—	—	—	—	—	—
Total	428	383	6.16	5.41	5.10	4.47

### Law and Order Incidents

During the year under review, there were 615 incidents of law and order against 585 incidents in the year 1980-81 leading to an increase of 30 incidents. This increase has been due to marked increase in the incidents of demonstration and obstruction organised by the dependants of land losers and unemployed local youths for employment. There has been concentrated efforts made by the Central Government, Bihar Govt. and West Bengal Government towards reduction of such law and order incidents in the coalfields of Bihar and West Bengal. The Subsidiary-wise details of law and order incidents are indicated below :

Name of Subsidiary Company/Division	No. of incidents		% Increase (+) / decrease (—) over 1980-81
	1980-81	1981-82	
ECL	278	303	(+) 9 %
BCCL	125	129	(+) 3.2 %
CCL	67	88	(+) 31.34 %
WCL	115	95	(—) 17.4 %
Total	585	615	(+) 5.1 %

### Welfare and Social Amenities

During the year under review much emphasis was made on the Welfare Schemes in the coalfields for improving the quality of life of miners by providing basic amenities, such as, housing, water supply, sanitation, educational and recreational facilities. The improved activities and the achievement made in

this direction are enumerated below :

	As on 31st March	
	1981	1982
Housing facilities (No. of houses)	1,88,384	1,99,084
Educational facilities (No. of Schools & Colleges)	581	635
Water supply (Population)	12,53,226	13,62,735

### Group Accident Insurance Scheme

A scheme called the Group Personal Accident Insurance Scheme for Executives of Coal India Limited has been introduced. This scheme covers all Executives, Graduate Engineering Executive Trainees, Directors and Chairman-cum-Managing Directors. This is a benefit policy and covers all types of accident on twenty four hours basis. This covers death or body injury caused by violent, accidental, external and visible means but would not cover intentional self injury and suicide. This also covers permanent total disablement and partial disablement.

### Capital Projects/Schemes

86 Capital Projects/Schemes including revision/expansion were approved by your Company during the year under review. The details of the scheme approved/sanctioned are given hereunder.

Subsidiary Projects	Expansion/revision Projects	Washer-ies	Oth-ers	Total
ECL	3	8	—	11
BCCL	1	7	1	19
CCL	4	15	1	26
WCL	7	18	—	29
CMPDIL	—	—	1	1
Total	15	48	2	86

### Capital Expenditure

Capital expenditure during the year 1981-82 was Rs 580.92 Crores against Rs 349.55 Crores during the previous year. Company/Divisionwise details are given below :

Company/Division	(Rs crores)	
	1980-81	1981-82
ECL	75.08	105.78
BCCL	65.85	114.64
CCL	110.70	210.79
WCL	89.27	131.53
NEC	2.99	4.28
CMPDIL	1.10	2.92
Dankuni coal complex	1.94	8.71
CIL (HQs) including Apex purchase on behalf of Companies pending allocation	2.62	2.27
Total	349.55	580.92



### Capital Structure

The authorised Capital of the Company was Rs 1500 crores during the year under report and the subscribed and paid-up capital as on 31st March, 1982 was Rs 1218.59 Crores. Out of the subscribed paid-up capital, shares for Rs 246.53 Crores was issued to the Govt of India for consideration of other than cash and for Rs 972.06 Crores issued against cash. Further Rs 68.30 Crores due to Govt. of India are to be adjusted against issue of equity shares.

### Borrowing from Government

During the year 1981-82, Rs 274.50 crores were received from Govt. towards planned loan. Rs 88.75 crores towards repayment of loan and Rs 71.35 crores towards interest on Govt. loan have been paid to Govt. during the year. The overall payment of Rs 160.10 crores during the year to Govt. include arrears of repayment of loan for Rs 33.30 crores. The outstanding loan as on 31st March '82 stood at Rs 1319.57 crores.

### Working Results

During the year under review CCL, WCL, CMPDIL have disclosed profit, whereas CIL (NEC), BCCL and ECL have incurred loss. There was no revision in the selling price of coal during the year to cover the increase input cost. Overall working results of your Company and subsidiaries was a profit of Rs 34.20 crores against the budgeted profit of Rs 40.64 crores. Details are given below :

(Rs crores)

Company/ Division	Profit/Loss during 1981-82*	Commulative Profit/ Loss upto 31.3.82
CIL (NEC)	(—) 1.47	(—) 115.41
ECL	(—) 87.85	(—) 452.75
BCCL	(—) 40.10	(—) 343.14
CCL	(+) 121.48	(+) 139.73
WCL	(+) 41.28	(—) 40.78
CMPDIL	(+) 0.86	(+) 0.45
Total	(+) 34.20	(—) 811.90

Note : Excluding prior period adjustments and before charging/writing back development rebate Reserves, Investment allowance etc.

### Coal Price

Based on the reports submitted by the Pricing Group on 15th January '82, the Govt. revised the average price of coal w.e.f. 27th May '82. The revised

average price of ROM coal for CIL is Rs 145.90 per tonne which is Rs 17.88 per tonne more than the previous average price. The price of Soft Coke has been revised to Rs 175 per tonne from the previous level of Rs 150 per tonne. The price of Hard Coke has also been revised upwards so as to absorb the loss on Soft Coke.

### Retention Price

As the cost of production of different Subsidiary Companies varies due to geological and mining conditions and technology employed, the Govt. has accepted the introduction of Retention prices of coal by amending the Colliery Control Order, 1945 vide Notification dated 30th March, 1982 for giving a remunerative price to each of the Subsidiary of CIL. Bureau of Industrial Cost and Prices have also been entrusted with the task of studying the cost of production of and recommending the economic sale price of coal. Further revision of coal price will be based on the report of BICP.

### Wage Negotiation

NCWA-II will be expiring by 31st December, 1982. Negotiations for an agreement on revision of wages have begun and basic data for discussions are being prepared by a group constituted for the purpose.

### Board of Directors

Shri R N Sharma continued to be the Chairman of the Board of Directors of the Company and S/Shri A Rangachari, S Santhanam and Dr S Ramesh were appointed as Director of the Board during the year while S/Shri K P Mukherjee, A N Banerjee, R P Singh and Smt. O Bordia retired from the Board.

During the period under report eight meetings of the Board of Directors of the Company were held.

In terms of Article 33 (d) (iii) of the Articles of Association of the Company S/Shri R G Mahendru, C S Jha, D P Gupta, P K Lahiri, L N Laddha, A Rangachari, S Santhanam, Dr K A Kini and Dr S Ramesh will retire at the 8th Annual General Meeting of the Company. The retiring Directors in terms of Article 33 (d) (iii) of the Articles of Association of the company are entitled to be re-appointed in absence of any contrary direction from the Govt.

### Acknowledgement

Your Directors place on record their sincere appreciation for the contributions made by the employees at all levels in the Company and its

Subsidiaries and are confident that the employees would continue to strive hard to improve the performance of the Company and its Subsidiaries in years to come.

Your Directors also wish to place on record their sincere appreciation for the support and guidance received from the various departments of the Central Government, State Governments and other Agencies.

The Directors also wish to place on record their appreciation of the services rendered by the Statutory Auditors and Officers and staff of the Comptroller and Auditor General of India (Coal).

Dated

Calcutta the 30th September, 1982.

#### Addendum

The following papers are annexed :

- (i) The names and other particulars of the employees of the Company who were in receipt of remuneration of not less than Rs 3,000/- per month are stated in the annexure in compliance with the provisions of Section 217 (2A) of the Companies Act, 1956 read with the Companies particulars of Employees Rules, 1975.
- (ii) The comments and review of the Comptroller and Auditor General of India (Coal).
- (iii) Replies to the observations made by the Statutory Auditors for the year 1981-82.
- (iv) Statement pursuant to Section 212 (i) (e) of the Companies Act, 1956.

For and on Behalf of  
Coal India Limited  
B L Wadehra  
Chairman



**ADDENDUM TO DIRECTORS' REPORT**  
**Statement Pursuant to Section 217 (2A) of the Companies Act, 1956**  
**read with the Company's Particulars of Employees Rules, 1975**

Sl. No.	Name	Designation	Remuneration	Qualification	Date of commencement of employment	Last employment held
1	2	3	4	5	6	7
<b>(A) Employed Throughout the Financial year.</b>						
1.	Shri R N Sharma	Chairman	79,999	Graduate in Mining Engg. (AISM); 1st Class Colliery Manager's Certificate of Competency, Training in Management & SCL, Hyderabad, Tata Management Centre, Poona, AIMA, Ahmedabad.	27.1.79	CMD, BCCL
2.	Shri S K Bose	Adviser	44,198	I Sc. BE (Mining), 1st Class Colliery Manager's Certificate of Competency	7.7.80	Deptt. of Coal
3.	Shri O Maheepathi	Adviser (P&IR)	39,534	MA, FL, DSW	1.12.80	Neyveli Lignite Co.
4.	Shri Y P Puri	Adviser (System)	40,497	MA (Eng. & Ecn.), FIC & MAS (UK), J. Dip. MA, AICWA, ABIM.	3.2.81	SAIL
5.	Shri U K Raja Rao	Chief of Production, Safety & Project Division	42,095	Diploma in Mining, 1st Class Colliery Manager's Certificate of Competency	1.8.79	CCL
6.	Dr A C Ray	Chief (Exec. Estt. & Admn.)	45,721	IAS	5.1.81	IA Service
7.	Shri S Panchapakesan	Chief of Finance Division	44,703	IA & AS	24.3.79	Indian Audit & Accounts Service
8.	Shri S B Sahay	Chief of Vigilance Division	46,870	IPS	11.10.79	Bihar Govt. (On deputation)
9.	Shri Rana S J B Singh	Secretary	39,873	BA, BL, ACA, ACIS, ACS	1.8.79	BCCL
10.	Shri R Barua	General Manager (MD&T)	43,724	BA (Oxford), Post Graduate Diploma in Management	3.3.75	GKW
11.	Shri B Kanungo	General Manager (A)	43,271	BA (Economics)	9.8.76	BCCL
12.	Shri P K Ghosh	Chief of (P & IR)	41,945	AISM, AMI MIN (UK); 1st Class Colliery Manager's Certificate	12.9.75	ECL
13.	Shri R N Mishra	Chief of of Corporate Planning Division	41,536	B Sc. (M), AISM, 1st Colly. Manager's Certificate of Competency, Corporate Member of IIPM, Fellow of the Institute of Engineer (India), Dip. in Management Exam. of All India Management Association.	2.6.80	BCCL
14.	Shri A K Sinha	Chief Finance Manager	48,869	M Com., SAS, ACA	12.11.80	CCL
15.	Shri J M Kapoor	Addl Chief Finance Manager	44,563	B Com., ACA	26.5.76	ECL
16.	Shri T K Deb	Addl Chief Sales Manager	43,861	Degree in Mining Engineering, 1st Class Colliery Manager's Certificate	13.10.77	CCL
17.	Shri P C Biswas	Dy Chief Mining Engineer	42,156	B Sc. (Mining), 1st Class Certificate of Competency	26.11.79	WCL
18.	Shri S S Salodkar	Dy Chief Mining Engineer	39,140	B Sc., AISM, 1st Class Certificate Mine Surveyor's Certificate of Competency	7.11.79	BCCL
19.	Shri P S Manoharam	Manager (Legal)	38,943	M Com, LLB, Dip. in Public Admn.	5.12.80	BCCL
20.	Dr A Sarkar	Medical Superintendent	40,635	MBBS, Dip. in Public Health	9.10.74	NCDC
21.	Shri K R Upadhyay	Dy GM (Power Generation)	39,293	B Sc., BE (Elec.)	15.12.80	MPSEB
22.	Shri S N Bhatt	Area Manager (Tech.)	52,351	BA, B Sc. (Mining) Wales, 1st Class 1st Class Managership, UK	1.7.73	AR & T Co. Ltd.
23.	Shri S S Parmar	Dy CME (GH)	45,177	B Sc. (Ming.), AISM (Mining), 1st Class Managership Certificate	1.7.73	-do-
24.	Shri R Bhaskaran	Dy CME (HQ)	44,407	B Sc. (Ming), AISM, 1st Class Managership	1.7.73	-do-

1	2	3	4	5	6	7
25.	Shri I Gogoi	Addl Chief Engineer	45,082	1st Class Marine Engineer (MOT), C Eng. FI Mar E (UK)	1.7.73	-do-
26.	Dr M C Khaund	Dy Medical Superintendent	43,375	MBBS	1.7.73	-do-
27.	Shri B Prasad	Supdt. Mines	45,186	B Sc. (Hons), Mining Engineer, AISM, 1st Class Managership Certificate	1.7.73	-do-
28.	Shri M N Jha	Supdt. Mines	45,232	B Sc. (Past) (Ming), AISM, 1st Class Managership Certificate	1.7.73	-do-
29.	Shri S Banerjee	Supdt. Mines	47,021	I Sc. BE (Ming.) & 1st Class Managership Certificate	1.7.73	-do-
30.	Shri M P Narayanan	Chief of Marketing Division	46,199	1st Class Colliery Manager's Certificate of Competency	1.8.75	NCDC Ltd.
31.	Shri D H Goswami	Dy Chief Personnel Officer	39,224	BA, LLB	1.7.73	AR & T Co. Ltd.
32.	Shri M S Rama Rao	Regional Manager	42,561	SSLC	1.10.56	CCL
33.	Shri A Banerjee	General Manager	46,195	B Sc. (Mining), AISM, 1st Class Mines Manager's Certificate	3.12.80	CMPDIL
34.	Shri H C Chakraborty	Addl Chief Project Manager	43,233	B Sc. B Chem. Engg. (H)	4.12.80	CMPDIL
<b>B. Employed Part of the Financial Year (1981-82)</b>						
1.	Shri K P Mukherji	Director (Commercial)	20,140	BA (Hons. in Economics & Sociology) MA (Economics) with dissertation on some aspects of Social Security of Labour in UP.	9.7.73	Director (Marketing NCDC Ltd.
2.	Shri H Srinivasan	Chief of Engg. & Equipment Division	48,435	BE (Mech.)	12.7.73	NCDC Ltd.
3.	Shri S K Ghosh	Chief Material Manager	12,511	Sr Cambridge, Genel. Certificate of Education Adv. level, BA (Oxford)	1.8.73	Bengal Coal Co. Ltd.
4.	Shri P K Sengupta	Dy Chief Finance Manager	24,474	B Com., ICWA	22.6.78	BCCL
5.	Shri M S Nagar	Dy Chief Mining Engineer	7,054	B Sc., 1st Class Mining Manager's Certificate	1.5.73	NCDC
6.	Shri A K Dutta	Addl CME	3,211	B Sc. (Hons), 1st Class Colliery Manager's Certificate of Competency	30.6.76	NCDC
7.	Shri N R Paramahansa	Manager (Legal)	21,893	BA, LLB, LLM, DAL	7.10.76	FCI
8.	Shri S Jayraman	GM (System)	22,996	B Sc. BE (Mech)	22.4.81	SAIL
9.	Shri N G Kundu	Supdt. of Mines	12,489	B Sc., (Mining)	7.12.81	ECL
10.	Shri Venkataraman	GM (P & IR)	35,224	BA, Dip. in Metallurgy Condensed Course in IR, Dip. in SC & IR	11.6.81	BCCL
11.	Shri Raj Saran	Dy CPM	15,744	B Sc (49), DRTC (UK 51)	27.11.81	WCL
12.	Shri R K Pandh	Dy CPM	26,006	B Sc. (58), M Sc. (61)	13.8.81	CCL
13.	Shri S P Mathur	Chief of Project Monitoring	33,102	B Sc. (Mining) 1st Class	10.6.81	WCL
14.	Shri Capt. P Bose	Sr Pilot Officer	15,861	Inter Science	5.12.81	SAIL
15.	Shri K A Sinha	GM	20,055	B Sc. (Mining Engg.) (BHU), AMIE (UL), 1st Class Managership from UK & India	1.2.74	NCDC Ltd.
16.	Shri S K Choudhury	General Manager	34,271	B Sc. (Mines) (Hons) AISM, FI Mines & (Engl)	11.7.81	BCCL
17.	Shri A K Mehata	Supdt. of Mines (Area Safety Officer)	9,985	B Sc. (Mines), Hons. AISM & 1st Class Manager Certificate	1.8.73	AR & T CO. Ltd.
18.	Shri P K Rama Rao	Supdt. Engineer (E&M)	17,315	B Tech. (Elect.)	1.8.73	-do-
19.	Shri B K Barra	Specialist (Anaesthetist)	9,950	MBBS, Pc/Degree/Diploma	17.1.75	-do-
20.	Dr D B Ghosh	Sr Medical Officer	10,248	LMF	1.8.73	-do-
21.	Dr N C Kar	Sr Medical Officer	9,949	MBBS	1.8.73	-do-
22.	Dr M B Roy	Sr Medical Officer	6,684	MBBS	1.8.73	-do-
23.	Dr A C Barthakur	Sr Medical Officer	10,098	MBBS	1.8.73	-do-
24.	Shri Arvind Kumar	Mining Engineer// Colliery Manager	9,733	B Sc. Mines, 1st Class Managership Certificate	1.8.73	-do-
25.	Shri R N Dewan	-do-	9,733	-do-	1.8.73	-do-
26.	Shri M C Bora	-do-	10,106	-do-	1.8.73	-do-
27.	Shri A K Samanto	Asstt Colliery Manager	9,920	1st Class Managership Certificate	1.8.73	-do-
28.	Shri R C Bharadwaj	Supdt. (Mines)	17,123	B Tech (Mines) & 1st Class Managership Certificate	1.8.73	-do-

Comments of the Comptroller & 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, 1982

I have to state that the Comptroller & Auditor General of India has no comments 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, 1982.

Calcutta  
23rd September, 1982

N KRISHNAN KUTTY  
Member, Audit Board & Ex-Officio, Director of  
Commercial Audit (Coal), Calcutta

# Review of the Accounts of Coal India Limited for the year ended 31st March, 1982 by the Indian Audit and Accounts Department

## 1. Financial Position

The table below summarises the financial position of the Company under the broad headings for the last 3 years :

	1979-80	1980-81	(Rs in lakhs) 1981-82
<b>Liabilities</b>			
(a) Paid-up capital (Including amount due to Govt. of India to be adjusted against issue of shares)	80,316.48	98,622.30	1,28,689.45
(b) Reserve & surplus	1.50	1.50	1.50
(c) Borrowings :—			
(i) From Govt. of India	87,000.42	1,07,800.42	1,31,957.06
(ii) From Bank	925.40	—	21.57
(d) Trade due and current liabilities (Including provision)	9,761.27	16,247.32	18,761.12
<b>Total</b>	<b>1,78,005.07</b>	<b>2,22,671.54</b>	<b>2,79,430.70</b>
<b>Assets</b>			
(e) Gross block	624.99	973.37	1,625.54
(f) Less depreciation	143.43	203.56	292.84
(g) Net fixed assets	481.56	769.81	1,332.70
(h) Capital work-in-progress	2.72	20.13	45.14
(i) Investment	21,044.64	41,163.04	53,875.85
(j) Current assets, loans & advances (Including amount due from Govt. of India for non-coking coal mines)	1,45,128.14	1,69,194.01	2,12,561.54
(k) Miscellaneous expenditure & losses not written off :			
(i) Deferred Revenue Expenditure	30.79	32.81	74.51
(ii) Accumulated losses	11,317.22	11,491.74	11,540.96
<b>Total</b>	<b>1,78,005.07</b>	<b>2,22,671.54</b>	<b>2,79,430.70</b>
<b>Capital Employed</b>	<b>1,35,848.43</b>	<b>1,53,716.50</b>	<b>1,95,133.12</b>
<b>Net worth</b>	<b>68,969.97</b>	<b>87,099.25</b>	<b>1,17,075.48</b>

Note : (1) Capital employed represents net fixed assets plus working capital.

(2) Net worth represents paid-up-capital plus reserve & surplus less intangible assets.

## 2. Capital Structure :

The debt-equity ratio of the Company was 1.08:1 in 1979-80, 1.09:1 in 1980-81 and 1.03:1 in 1981-82.

## 3. Reserves & Surplus

- (a) The reserve (Rs 1.50 lakhs) amounted to 0.001% of total liabilities in 1981-82 as against 0.001% in 1980-81 and 0.001% in 1979-80, and
- (b) 0.001% of equity capital (Rs 128639.45 lakhs) in 1981-82 as against 0.002% in 1980-81 and 0.002% in 1979-80.

## 4. Liquidity and Solvency

- (a) The percentage of current assets to total net assets varied from 81.53 in 1979-80 to 75.98 in 1980-81 and to 76.07 in 1981-82.
- (b) The percentage of current assets to current liabilities including provision varied from 1486.78 in 1979-80 and 1041.37 in 1980-81 and 1132.99 in 1981-82.
- (c) The percentage of quick assets (Cash and bank balances, debtors and advances) to current liabilities (Excluding provision) varied from 2.42 in 1979-80 and 5.99 in 1980-81 and 8.02 in 1981-82.

## 5. Working Capital

Working capital (Current assets, loans & advances less trade dues and current liabilities and provision) of the Company at the close of 3 years ending March, 1982 amounted to Rs 1,35,366.87 lakhs in 1979-80, Rs 1,52,946.69 lakhs in 1980-81, Rs 1,93,800.42 lakhs in 1981-82 and represented 2105.32 months and 2041.29 months and 2130.83 months value of production at cost (Excluding depreciation) during the above years respectively.

## 6. Sources & Uses of Funds

Funds amounting to Rs 89.28 lakhs from internal sources (depreciation reserve & surplus and provision) and Rs 56,759.16 lakhs from other sources were utilised during 1981-82 as shown below :

	(Rs in lakhs)
Gross fixed assets	652.17
Capital work-in-progress	25.01
Investment (Other than trade)	12,712.81
Current assets, loans & advances	43,367.53
Miscellaneous expenditure & losses not written off	90.92
	<hr/>
	56,848.44

## 7. Working Results

	1979-80	1980-81	1981-82
Profit/loss as per account	(—) 204.96	(—) 174.52	(—) 49.22
Add development rebate reserve-Investment allowance shown above the line	—	—	—
Profit/Loss for the year	(—) 204.96	(—) 174.52	(—) 49.22
Add/deduct past period adjustment shown below the line	—	—	—
Loss before Tax	(—) 204.96	(—) 174.52	(—) 49.22
Tax provision	—	—	—
Loss after Tax (—) indicates loss	(—) 204.96	(—) 174.52	(—) 49.22

The cumulative loss as on 31-3-82 amounted to Rs 11540.96 lakhs as against the paid up capital of Rs. 128689.45 lakhs as on the same date.

## 8. Cost Trand

The table below indicates the percentage of cost of sales to sales during the last three years:

	1979-80	1980-81	(Rs in lakhs) 1981-82
Sales of coal, coke, bricks etc.	603.00	774.66	1027.31
Add loss	204.96	174.52	49.22
Cost of sales	807.96	949.18	1076.53
Percentage of cost of sales to sales	133.99	122.53	104.79

**Notes :** The figures of sales mentioned above and subsequent paras 9 & 11 do not include the value of coal amounting to Rs 14.00 lakhs, 18.71 lakhs and Rs 24.99 lakhs consumed within the collieries and issued to employees and also do not include the value of coal of Rs 5.41 lakhs, Rs 5.28 lakhs and Rs 12.59 lakhs respectively for colliery consumption (Charged, to capital) during 1979-80, 1980-81 and 1981-82 respectively.

## 9. Production Performance

The value of production during the last 3 years is worked out below :

	1979-80	1980-81	(Rs in lakhs) 1981-82
(i) Sales of coal & bricks etc.	603.00	774.66	1027.31
(ii) Closing stock of coal bricks etc. including work-in-progress	3.37	7.45	89.12
(iii) Opening stock of coal & bricks etc. (Including work-in-progress)	1.65	3.37	7.45
(iv) Value of production (i+ii+iii)	604.72	778.74	1108.98

The percentage of value of production to net worth fluctuated from 0.88 in 1979-80 to 0.89 in 1980-81 and 0.95 in 1981-82.

Percentage of value of production to total net assets varied from 0.34 in 1979-80 to 0.35 in 1980-81 and 0.40 in 1981-82.

## 10. Inventory & Production

The table below indicates the comparative position of inventory and its distribution at the close of the last 3 years ended 31st March, 1982:

	1979-80	1980-81	(Rs in lakhs) 1981-82
(i) Stores & Spares	62.02	85.66	140.60
(ii) Stock of coal, Bricks etc.	3.37	7.45	89.12

The stock of stores and spares was equivalent to 9.29 months' consumption in 1979-80, 7.96 months' in 1980-81 and 10.20 months' 1981-82.

Stock of coal, bricks etc. represented 0.07 months' sales in 1979-80 against 0.12 months' sales in 1980-81 and 1.04 months' sales in 1981-82.

## 11. Sundry Debtors & Turnover :

The following table indicates the value of book-debts and sales for the last 3 years.

As on	Total book debts considered good (Unsecured)	Total book debts considered doubtful or bad	Total	Sales	(Rs in lakhs) Percentage of debtors to sales
31.3.80	65.82	97.92	163.74	603.00	10.92
31.3.81	49.58	98.11	147.69	774.66	6.40
31.3.82	48.38	31.20	79.58	1027.31	4.71

Sundry debtors represented about 1.31 months' turnover in the years 1979-80, 0.77 month's turnover in 1980-81 and 0.57 month's turnover in 1981-82.

The following table indicates the details of debts outstanding for more than one year as on 31-3-82 :

	Govt. Deptt.	Private parties	( Rs in lakhs ) Total
(i) Dbets outstanding over one year but less than 2 years	2,73,786	43,907	3,17,693
(ii) Debts outstanding over two years but less than 3 years	1,41,344	48,258	1,89,602
(iii) Debts outstanding for 3 years and above	27,19,833	2,79,129	29,98,962
Total	31,34,963	3,71,294	35,06,257

Calcutta  
23rd September, 1982.

N KRISHNAN KUTTY  
Member, Audit, Board & Ex-Officio, Director of  
Commercial audit (Coal), Calcutta

# Coal India Limited

( Auditor's Report & Replies there to )

## AUDITOR'S REPORT

To  
The Members of  
Coal India Limited.

We have audited the BALANCE SHEET OF COAL INDIA LIMITED as at 31st MARCH, 1982 and the PROFIT & LOSS ACCOUNT for the year ended on that date both annexed hereto in which have been incorporated the accounts of NORTH EASTERN COALFIELDS audited by us and all the REGIONAL OFFICES, DESK OFFICES of COAL MARKETING ORGANISATION AND DANKUNI COAL COMPLEX audited by other Auditors in accordance with the letter of appointment No. 17/170/81-IGC dated 2nd January, 1982 of the Company Law Board, Government of India, Department of Company Affairs, New Delhi and we beg to report as follows :

1. The report on the accounts of the Regional Offices, Desk Offices of Coal Marketing Organisation and Dankuni Coal Complex audited by other Auditors has been forwarded to us and we have considered the same in preparing this report.
2. As required by Manufacturing and Other Companies (Auditors' Report) Order, 1975 issued by the Company Law Board in terms of Section 227 (4A) of the Companies Act, 1956, we enclose in ANNEXURE to this report a Statement on the matters specified in the said order.
3. The accounts of the Company have been revised after submitting our report dated 31st July, 1982, as referred in Para 22 of Schedule 15 of Notes to Accounts.

#### 4. Fixed Assets :

(a) Details and break-up of immovable properties vested with and owned by the Company under Coal Mines (Nationalisation) Act, 1973, with effect from 9th July, 1973 and subsequently transferred to the Subsidiaries and additions made after 9th July, 1973 are not available, title deeds for such additions have not been produced for our inspection.

(b) Title deeds for residential flats in Calcutta Rs 21.87 lakhs, land at Salt Lake Rs 3.27 lakhs, VIP Road/Ultadanga Rs 113 lakhs and land for Dankuni Coal Complex Rs 29.84 lakhs as referred in Para 13

## OUR REPLY

Addendum to the Director's Report (Under Sec. 217(3) of the Cos. Act, 1956).

The matter will be examined further by our Legal Department and the opinion of a Legal Expert will also be taken in the matter to settle the issue.

Necessary action is already under way for registration/mutation of the properties acquired/purchased since nationalisation.



## AUDITORS' REPORT

of Schedule 15 of Notes have not been executed in favour of the Company. The accounts have been charged to the respective heads of Fixed Assets.

### 5. Due to Government of India :

Balance in this account is subject to adjustment, if any, in consideration money as referred to in Para 6 of Schedule 15 of Notes.

### 6. Secured Loans :

We refer to the Para 7 of Schedule 15 of Notes. Consent of State Bank of India and United Bank of India for transferring the loans and assets hypothecated against such loans to the Subsidiaries has not been produced for verification and as such we are unable to form an opinion whether the transfer of the said Cash Credit to Subsidiaries is covered by the agreement. The Register of Charges of the Company has not been modified accordingly. There is a contingent liability to the extent of the amount drawn by the Subsidiaries as at 31st March, 1982 against the said facilities to the Company, the quantum of which has not been determined.

7. Liabilities for charges, expenses and statutory levies, if any, arising out of the transfer of assets and liabilities on the basis of agreement for sale to the Subsidiaries have not been provided in the accounts. Conveyance Deeds, where necessary, have not yet been executed.

8. Accrued liability for future payment of gratuity in respect of services of the employees has not been ascertained. The same is charged on cash basis except in respect of the retired employees in which cases provision has been made on an estimated basis.

9. Closing stock of Bricks has been valued at estimated cost price instead of selling price, as in the last year. As a result, loss for the year has increased by Rs 16,106.00.

### 10. As reported by the Branch Auditors :

(a) Remittances in transit of Rs 2,53,048.50 at Ahmedabad, Jaipur and Madras represent the amounts of bank drafts which appeared to have been sent by post to CMO, Calcutta by the respective offices but not received at the destination even after the expiry of more than normal postal transit time. However, action has been initiated to obtain fresh drafts.

## OUR REPLY

The matter is under examination and adjustment will be carried out in the Accounts of the year 1982-83.

In the overall interest of Coal India and its Subsidiaries, the existing arrangement of having the cash credit limit with Coal India, is proposed to be continued.

The matter is under legal examination and the Government would be approached appropriately.

No comments.

No comments.

The concerned Banks have been approached for issue of fresh drafts.

## AUDITOR'S REPORT

(b) Expenses relating to CMO, CCL, Desk Office have been incorporated on the basis of Debit Notes from CCL.

11. Subject to the Para Nos. 3 to 10 above :

(i) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.

(ii) In our opinion proper books of accounts have been kept by the Company as required by law so far as appears from our examination of those books.

(iii) The BALANCE SHEET AND PROFIT & LOSS ACCOUNT dealt with by this report are in agreement with the Books of Accounts.

(iv) In our opinion and to the best of our information and according to the explanations given to us, the said accounts, subject as aforesaid and read with notes appearing under Schedule 4 of Fixed Assets and Schedule 15 of Notes, give the information required by the Companies Act, 1956 in the manner so required, and give a true and fair view :

(a) In the case of the BALANCE SHEET of the state of affairs of the Company as at 31st March, 1982, and

(b) in the case of the PROFIT & LOSS ACCOUNT of the loss of the Company for the year ended on that date.

## OUR REPLY

No comments.

Calcutta

Dated : 20th September, 1982

For Chaturvedi & Company  
Chartered Accountants  
S C Chaturvedi  
Partner

# Annexure to the Auditors' Report

Referred to in Auditors' even dated Report on the Accounts of Coal India Limited  
for the year ended 31st March, 1982

As required by the Manufacturing and Other Companies (Auditors' Report) Order, 1975 and on the basis of such checks as we considered appropriate and the information and explanations given to us, we state that :

(i) The Company has maintained proper records to show full particulars of Fixed Assets at Regional Offices, Dankuni and Desk Offices of Coal Marketing Organisation. In other offices necessary particulars are under preparation. As reported by the Branch Auditors physical verification of Fixed Assets have been done at Regional Offices, Dankuni and Desk Offices. No serious discrepancies were noticed on such verification. In other cases Fixed Assets were not physically verified by the Management and discrepancies, if any, could not be ascertained and adjusted.

(ii) None of the Fixed Assets of the Company have been revalued during the year.

(iii) The stocks of Coal, Bricks and Construction Materials have been physically verified by the Management at the year end and no significant discrepancies were noticed on such verification. In case of Stores and Spares, physical verification has been done in respect of substantial Stores items and in some cases the differences between physical balance and as per records are under reconciliation and discrepancies, if any, have not been ascertained. In our opinion, the basis of valuation of such Stocks subject to Para 2 (a) of Schedule 15 of Notes is fair and proper in accordance with the normally accepted accounting principle and is on the same basis as in the earlier year except as referred in Para 9 of our Main Report of even date.

(iv) The terms and conditions on which loans have been taken are prima facie not prejudicial to the interest of the Company.

(v) Financing in the nature of loans have been made to the Subsidiaries. Repayment of principal amount and interest have, however, been made by Book entries. The Company has also given loans

and advances in the nature of loans to the employees which are being recovered as stipulated together with interest wherever applicable except in some cases. As stated to us the Management is taking necessary steps for recovery of such loans and advances from the employees.

(vi) In our opinion, internal control procedure for the purchase of Stores, Plant and Machinery, equipments and other assets is commensurate with the size of the Company and nature of its business.

(vii) As explained to us the Company has not purchased any stores, raw materials or components in excess of Rs 10,000/- in value for each type from its Subsidiaries.

(viii) The Company has not determined unserviceable and damage stores during the year.

(ix) The Company has not accepted any deposits within the meaning of Companies (Acceptance of Deposit) Rules, 1975.

(x) The Company has not maintained reasonable records for sale and disposal of scraps arising out of scrap of assets and/or stores. The Company has no bye-product.

(ix) The Company has Internal Audit System which is not commensurate to its size and nature of business.

(xii) The maintenance of cost records has not been prescribed by the Central Government under Section 209 (1) (d) of the Companies Act, 1956.

(xiii) The Company is regular in depositing the provident fund dues with the appropriate authorities except in a few cases. As reported by the Branch Auditors Rs 2,140/- for the period 1976-77 and prior to that remain to be deposited.

(xiv) In respect of service activities of North Eastern Coalfields Workshop which renders services to its Collieries, the Company does not have a system of job cards.

For Chaturvedi & Company  
S C Chaturvedi  
Partner  
Chartered Accountants

Calcutta,  
Dated the 20th September, 1982

# Addendum to Director's Report

Statement Pursuant to Section 212 (i) (e) of the Companies Act, 1956 as at 31st March, 1982

## Re : Eastern Coalfields Limited

1. The Coal India Ltd. held the whole of the paid-up capital of Rs. 1,00,00,08,000.00 (including 3 equity shares of Rs. 1000/- each held in nominee's name) in Eastern Coalfields Limited.
2. Eastern Coalfields Ltd. incurred a net loss of Rs. 87.8551 crores during the accounting year ended 31st March, 1982. The cumulative loss as on 31st March, 1982 amounted to Rs. 452.7485 crores. No adjustment has been made in the books of Coal India Ltd. in respect of said loss of the Subsidiary Company.

## Re : Central Coalfields Limited

1. The Coal India Ltd. held the whole of the paid-up capital of Rs. 1450640000.00 crores (including 2 equity shares of Rs. 1000.00 each held in nominee's name) in Central Coalfields Ltd.
2. Central Coalfields Limited earned a net profit of Rs. 121.4853 crores during the accounting year ended 31st March, 1982. The cumulative profit as on 31st March, 1982 amounted to Rs. 139,7332 crores. No adjustment has been made in the books of Coal India Ltd. in respect of said profit of the subsidiary Company.

## Re : Bharat Coking Coal Limited

1. The Coal India Limited held the whole of the paid-up capital of Rs. 1656929000.00 (including three equity shares of Rs. 1000.00 each held in nominee's name) in Bharat Coking Coal Ltd.
2. Bharat Coking Coal Ltd incurred a net loss of Rs. 40.10 crores during the accounting year ended at 31st March, 1982. The cumulative loss as on 31st March, 1982 amounted to Rs. 343.14 crores. No adjustment has been made in the books of Coal India Ltd. in respect of said loss of the Subsidiary company.

## Re : Western Coalfields Limited

1. The Coal India Ltd. held the whole of the paid-up capital of Rs. 127,00,00,000.00 (including 3 equity shares of Rs. 1000.00 each held in nominee's name) in Western Coalfields Limited.
2. Western Coalfields Ltd. earned a net profit of Rs. 41.2775 crores during the accounting year ended 31st March, 1982 before creating development rebate reserve of Rs. 2.0723 crores. The cumulative loss as on 31st March, 1982 amounted to Rs. 40.7824 crores. No adjustment has been made in the books of Coal India Ltd. in respect of said loss of the subsidiary company.

## Re : Central Mine Planning & Design Institute Limited

1. The Coal India Limited held the whole of the paid-up capital of Rs. 1,00,08,000.00 (including 3 equity shares of Rs 1000.00 each held in nominee's name) in Central Mine Planning & Design Institute Limited.
2. Central Mine Planning & Design Institute Limited earned a profit of Rs. 0.8600 crores during the accounting year ended 31st March, 1982. The cumulative profit as on 31st March, 1982 amounted to Rs. 0.4554 crores. No adjustment has been made in the books of Coal India Ltd. in respect of the profit earned by the subsidiary company.

Calcutta,  
Dated the 30th Sept, 1982

For and on behalf of the Board of Directors  
DR. B. L. WADEHRA  
Chairman

AUDITED STATEMENT  
OF  
ACCOUNTS



LIMITED

31st March, 1982

ASSETS

As at 31st

March, 1981

7,89,93,498

4,11,63,04,000

8,612

85,68,436

6,00,501

1,21,889

61,233

49,76,837

1,18,38,87,329

4,37,86,359

15,44,89,35,230

FIXED ASSETS (Schedule 4)

INVESTMENTS (Schedule 5)

CURRENT ASSETS, LOANS & ADVANCES

A. Current Assets

Interest accrued on Bank deposit, etc.

Stores and spares (net of obsolete and unserviceable stores—provision of Rs 3.59 lakhs—Previous year Rs 3.66 lakhs including capital goods and stores in transit at average cost/ estimated price) (Note No. 2(a) Schedule 15)

Stock of Coal & Bricks

Coal (at selling price)

Bricks including work-in-progress (at estimated cost)

Work-in-progress (at estimated cost)

Sundry Debtors (Schedule 6)

Dues arising out of transfer of assets and liabilities to the Subsidiary Companies

Cash and Bank balances (Schedule 7)

B. Loans and Advances

(Schedule 8) (Note No. 3(a), Schedule 15)

13,77,83,888

5,38,75,85,000

4,226

1,40,59,817

1,04,24,594

1,07,932

1,05,32,526

7,20,491

48,37,998

1,18,38,87,329

3,33,46,156

1,24,73,88,543

19,78,61,71,342

20,88,62,41,924

Carried over

26,55,89,28,773

## Balance Sheet as at

## LIABILITIES

As at 31st  
March, 1981Rs  
21,76,43,15,2722,69,15,753  
1,40,00,492  
36,79,33,246  
9,39,89,186Brought forward  
CURRENT LIABILITIES & PROVISIONSCurrent Liabilities  
Sundry Creditors  
Other liabilities (Schedule 2)  
Interest accrued but not due on loans  
Deposits (Schedule 3)

Rs

2,68,87,217  
1,82,66,651  
45,65,47,508  
3,55,48,895

Rs

27,40,58,19,669

53,72,50,071

22,26,71,53,949

TOTAL

27,94,30,69,740

For COAL INDIA LIMITED  
RANA S J B SINGH  
SecretaryS PANCHAPAKESAN  
Chief of FinanceR G MAHENDRU  
DirectorDr B L WADEHRA  
Chairman



LIMITED

31st March, 1982

As at 31st  
March, 1981  
Rs

20,88,62,41,924

7,44,64,447

15,39,92,479

32,80,814

1,14,91,74,285

**A S S E T S**

Brought forward  
Due from Government of India (Net)  
For transactions on behalf of ex-owners of non-coking  
coal mines  
For subsidy towards interest on non-plan loans

Rs

6,74,31,605

15,51,62,079

Miscellaneous Expenditure  
(To the extent not written off or adjusted)  
Deferred revenue expenditure  
Profit and Loss Account  
Debit balance as per annexed account

Rs

26,55,89,28,773

22,25,93,684

74,51,013

1,15,40,96,270

22,26,71,53,949

TOTAL

27,94,30,69,740

CALCUTTA  
Dated, the 20th September, 1982

As per our report of even date  
For Chaturvedi & Co.  
Chartered Accountants.  
S C Chaturvedi  
Partner

## Profit &amp; Loss Account for

For the year ended  
31st March, 1981

Rs		APEX Rs	NEC Rs	TOTAL Rs
3,36,592	To Opening stock of coal, bricks, etc. and work-in-progress	—	7,44,590	7,44,590
1,29,13,081	" Consumption of stores and spares	—	1,65,42,782	1,65,42,782
6,12,10,929	" Salaries, wages, bonus & allowances	3,74,71,662	5,17,19,172	8,91,90,834
43,60,032	" Contribution to Provident Fund and other Funds (Including administrative charges)	22,17,167	37,97,817	60,14,984
13,40,338	" Gratuity and pension	8,56,273	17,22,386	25,78,659
2,02,488	" Workmen's compensation	—	1,98,272	1,98,272
44,91,924	" Social overhead (Schedule 9)	26,62,481	51,89,625	78,52,106
56,97,557	" Workmen and Staff Welfare Expenses (Schedule 10)	14,50,790	39,61,291	54,12,081
9,42,100	" Colliery consumption (As per contra)	—	9,58,505	9,58,505
9,28,600	" Free issue of coal to employees (As per contra)	—	15,40,200	15,40,200
49,03,811	" Payment to contractors (for transport charges and others)	—	75,92,736	75,92,736
32,70,214	" Power and Fuel	6,11,422	54,01,108	60,12,530
49,950	" Royalty & Cess	—	38,361	38,361
26,65,262	" Rent	32,63,373	1,09,329	33,72,702
1,90,686	" Rates and Taxes	1,75,413	1,44,275	3,19,688
1,67,090	" Insurance	6,60,334	1,50,619	8,10,953
20,31,121	" Repairs (Schedule 11)	9,31,313	31,61,235	40,92,548
36,181	" Legal fees and expenses	3,20,627	30,754	3,51,381
6,34,590	" Maintenance of vehicles	15,13,666	3,18,523	18,32,189
40,000	" Auditors Remuneration :			
—	As audit fees	50,000		
20,000	In other capacity	750		
	Reimbursement of expenses	25,000	750	75,750
1,16,79,16,940	" Interest on			
2,23,38,969	Long term loan	1,46,09,74,282		
—	Bank cash credit	2,01,28,096		
	Others	5,33,532		
69,08,259	" Miscellaneous expenses (Schedule 12)	1,62,18,002	68,44,698	1,48,16,35,910
			17,86,797	1,80,04,793
<u>1,30,35,96,714</u>	Carried Over	<u>1,54,32,18,735</u>	<u>11,19,53,825</u>	<u>1,65,51,72,560</u>

LIMITED

## the Year Ended 31st March, 1982

For the year ended  
31st March, 1981  
RsAPEX  
RsNEC  
RsTOTAL  
Rs

7,74,65,695	By Sale of Coal, Bricks, etc. (net of Royalty, Sales Tax, Cess, Excise Duty etc.)	—	10,27,31,259	10,27,31,259
9,42,100	" Colliery consumption (As per contra)	—	9,58,505	9,58,505
9,28,600	" Free issue of coal to employees (As per Contra)	—	15,40,200	15,40,200
5,27,795	" Colliery consumption (Charged to capital)	—	12,59,364	12,59,364
66,06,23,277	" Other receipts (Schedule 13)	90,76,59,347	4,57,303	90,81,16,650
1,88,14,876	" Proportionate expenditure transferred to subsidiary companies (including Rs 3,53,981 for NEC as per contra)	5,51,10,922	—	5,51,10,922
25,035	" Prior period adjustment (Schedule 14)	1,01,10,870	—	1,01,10,870
—	" Provision for bad and doubtful debts written back	—	69,60,444	69,60,444
53,85,15,352	" Subsidy towards interest on Government loans receivable	58,07,58,268	—	58,07,58,268
7,44,590	" Closing stock of Coal, Bricks, etc. including work-in-progress	—	89,11,691	89,11,691
1,74,51,978	" Balance being net loss of the year carried down : NEC (loss) 1,50,33,650 Apex (Profit) 1,01,11,665	(—) 1,01,11,665	(+) 1,50,33,650	49,21,985

1,31,60,39,298

Carried Over

1,54,35,27,74213,78,52,4161,68,13,80,158

## Profit &amp; Loss Account for

For the year ended 31.3.81		APEX Rs	NEC Rs	TOTAL Rs
Rs				
1,30,35,96,714	Brought forward	1,54,32,18,735	11,19,53,825	1,65,51,72,560
49,31,015	To Depreciation	3,09,007	62,06,428	65,15,435
—	" Provision for bad and doubtful debts	—	2,88,000	2,88,000
—	" Bad debts written off	—	69,60,444	69,60,444
4,58,173	" Prior period adjustment (Schedule 14)	—	2,87,586	2,87,586
1,14,396	" Apex administrative charges (As per contra)	—	3,53,981	3,53,981
69,39,000	" Over burden removal charges	—	1,18,02,152	1,18,02,152
<u>1,31,60,39,298</u>	TOTAL	<u>1,54,35,27,742</u>	<u>13,78,52,416</u>	<u>1,68,13,80,158</u>
1,74,51,978	To Balance being net loss of the year brought down	(+) 1,01,11,665	(—) 1,50,33,650	(—) 49,21,985
1,13,17,22,307	" Loss brought forward from last year	(—) 1,00,52,26,783	(—) 14,39,47,502	(—) 1,14,91,74,285

1,14,91,74,285

TOTAL

99,51,15,11815,89,81,1521,15,40,96,270

For COAL INDIA LIMITED

RANA S J B SINGH  
Secretary

S PANCHAPAKESAN  
Chief of Finance

R G MAHENDRU  
Director

Dr B L WADEHRA  
Chairman

LIMITED

# the Year Ended 31st March, 1982

For the year  
ended 31.3.81

Rs  
1,31,60,39,298

Brought forward

Rs  
1,54,35,27,742

Rs  
13,78,52,416

Rs  
1,68,13,80,158

1,14,91,74,285

1,14,91,74,285

By Balance transferred to Balance Sheet

99,51,15,118

15,89,81,152

1,15,40,96,270

TOTAL

99,51,15,118

15,89,81,152

1,15,40,96,270

CALCUTTA

Dated, the 20th September, 1982

As per our report of even date  
For Chaturvedi & Co.  
Chartered Accountants  
S C Chaturvedi  
Partner

COAL INDIA LIMITED

Schedule to Balance Sheet as at 31st March, 1982

SCHEDULE 1

DUE TO GOVERNMENT OF INDIA

As at 31st  
March, 1981  
Rs

61,74,00,000

1,65,85,555

36,14,381

3,61,94,780

676

1,55,94,739

68,93,90,131

Funds received from Govt. of India towards Equity  
Pending allotment of shares against transfer of shares  
from Subsidiaries  
For consideration payable to Govt. of India for vesting  
of mines  
For consideration payable to Govt. of India for balances  
taken over as on 1.5.73 :  
As per last Account 7,09,76,635  
Less : Pro-rata share of loss adjusted in 1973-74 3,47,81,855  
  
For assets taken over from erstwhile Coal Board 3,65,40,676  
Less : Share issued/adjusted 3,65,40,000  
Amount payable for Bharat Coking Coal Limited :  
For management compensation 5,94,739  
For advance payment made prior to 1.5.1973 1,50,00,000

TOTAL

Rs  
61,10,00,000  
1,65,85,525  
36,14,381  
3,61,94,780  
676  
1,55,94,739  
68,29,90,101

OTHER LIABILITIES

SCHEDULE 2

As at 31st  
March, 1981  
Rs

5,85,328

1,04,80,872

7,83,386

5,262

10,19,305

11,26,339

1,40,00,492

Income tax deducted at source  
Advance from customers and others  
Provident Fund  
Deductions under AECD Scheme  
Sales Tax  
Others

TOTAL

Rs  
2,92,309  
1,29,93,948  
10,01,485  
6,227  
4,66,384  
35,06,298  
1,82,66,651

COAL INDIA LIMITED

Schedule to Balance Sheet as at 31st March, 1982

SCHEDULE 3

DEPOSITS

As at 31st  
March, 1981  
Rs  
15,38,543  
9,24,50,643

Security deposits  
Other deposits (Including Rs 1,82,97,450/- Pre-Nationalisation  
subsidy) (Refer Note No. 20 of Schedule 15)

Rs  
1,34,53,182  
2,20,95,513

9,39,89,186

TOTAL

3,55,48,695

## Schedule to Balance Sheet

## FIXED ASSETS

Particulars of assets	GROSS VALUE OF THE ASSETS			
	Total as on 1.4.81	Addition during the year	Adjustments/sales/ disposal during the year	Total as on 31.3.82
	Rs	Rs	Rs	Rs
1. Land and Mining Rights	30,63,067	1,16,27,200	—	1,46,90,267
2. Buildings	74,35,910	35,78,072	(—) 4,57,896	1,05,56,086
3. Railway Sidings	11,77,216	—	—	11,77,216
4. Plant and Machinery	4,79,30,256	2,18,03,874	(—) 13,22,480	6,84,11,650
5. Furniture and Fittings	33,78,811	25,28,919	(—) 2,290	59,05,440
6. Development	3,28,93,041	2,59,52,823	(—) 93,784	5,87,52,080
7. Prospecting and Boring	1,35,537	70,023	—	2,05,560
8. Vehicles	10,66,538	6,79,278	—	17,45,816
9. Air Craft	—	8,50,000	—	8,50,000
10. Diesel Generator	2,56,088	3,224	—	2,59,312
11. Capital Work-in-progress	20,12,920	41,51,078	(—) 16,13,925	45,14,073
<b>TOTAL</b>	<b>9,93,49,384</b>	<b>7,12,08,491</b>	<b>(—) 34,90,375</b>	<b>16,70,67,500</b>
Previous Year	6,27,71,162	3,65,26,294	51,928	9,93,49,384

NOTES : 1. Total depreciation for the year Rs 96,30,960 has been allocated as follows :

	1981-82	1980-81
	Rs	Rs
(i) Profit and Loss Account	65,15,435	49,31,015
(ii) Social overheads	1,44,876	1,02,145
(iii) Development	13,17,331	5,79,513
(iv) Prior period adjustment account (Net)	18,655	3,80,899
(v) Mowlong Shella Project	9,005	13,507
(vi) Deferred revenue	16,25,658	—
<b>TOTAL</b>	<b>96,30,960</b>	<b>60,07,079</b>

2. Building on lease-hold or free-hold land could not be assessed.



LIMITED

as at 31st March, 1982

SCHEDULE 4

DEPRECIATION				Net value of	Net value of
Total as on 1.4.81	Addition during the year	Adjustments/sales/ disposal during the year	Total as on 31.3.82	assets as at 31.3.1982	assets as at 31.3.1981
Rs	Rs	Rs	Rs	Rs	Rs
—	—	—	—	1,46,90,267	30,63,067
21,30,144	6,07,721	(—) 4,58,324	22,79,541	82,76,545	53,05,766
4,28,241	1,42,747	—	5,70,988	6,06,228	7,48,975
1,14,21,254	68,49,036	(—) 2,44,028	1,80,26,262	5,03,85,388	3,65,09,002
7,59,558	2,89,138	(—) 882	10,47,814	48,57,626	26,19,253
52,58,362	14,86,628	—	67,44,990	5,20,07,090	2,76,34,679
23,229	9,764	—	32,993	1,72,567	1,12,308
3,11,412	1,47,407	—	4,58,819	12,86,997	7,55,126
—	89,722	—	89,722	7,60,278	—
23,686	8,797	—	32,483	2,26,829	2,32,402
—	—	—	—	45,14,073	20,12,920
2,03,55,886	96,30,960	(—) 7,03,234	2,92,83,612	13,77,83,888	7,89,93,498
1,43,43,241	60,07,079	5,566	2,03,55,886	7,89,93,498	4,43,11,102

3. No depreciation on development expenses amounting to Rs 2,62,05,967 (Previous year Rs 47,66,727) was charged as the projects have not yet been started.
4. Depreciation charged to Mowlong Shella Project assets for the year 1981-82 Rs 9,005 (Previous year Rs 13,507) has been charged to the project and adjusted against advances from Meghalaya Government.
5. Mutation of Company's name as owner to certain properties has yet to be carried out.
6. Cost of Air Craft includes value of spares of Rs 3.33 lakhs as estimated by the seller, on which depreciation has been provided at rate applicable to the Air Craft.
7. Some old assets in use and located at some of the Regional Offices value of which was not ascertained, have been accounted for at a nominal value of Re 1/- each.

# COAL INDIA LIMITED

## Schedule to Balance Sheet as at 31st March, 1982

SCHEDULE 5

### INVESTMENT

As at 31st  
March, 1981  
Rs.

1,44,93,51,000  
1,65,69,29,000  
1,00,00,08,000  
8,000  
1,00,08,000  
4,11,63,04,000

#### Investment at Cost (Unquoted)

In wholly-owned Subsidiary Companies :

14,50,640 Fully paid up Equity Shares of Rs 1,000/- each of  
Central Coalfields Limited (Previous year Rs 14,49,351 shares)  
16,56,929 Fully paid up Equity Shares of Rs 1,000/- each of  
Bharat Coking Coal Limited  
10,00,008 Fully paid up Equity Shares of Rs 1,000/- each of  
Eastern Coalfields Limited  
12,70,000 Fully paid up Equity Shares of Rs 1,000/- each of  
Western Coalfields Ltd. (Previous year 8 shares)  
10,008 Fully paid up Equity Shares of Rs 1,000/- each of  
Central Mine Planning & Design Institute Limited

TOTAL

Rs  
1,45,06,40,000  
1,65,69,29,000  
1,00,00,08,000  
1,27,00,00,000  
1,00,08,000  
5,38,75,85,000

SCHEDULE 6

### SUNDRY DEBTORS

As at 31st  
March, 1981  
Rs

1,02,74,728  
44,94,109  
1,47,68,837  
97,92,000  
49,76,837  
49,57,843  
98,10,994  
1,47,68,837

Debts outstanding over six months  
Other debts

Less : Provision for doubtful debts

TOTAL

#### Classification

Unsecured — Considered good  
Unsecured — Considered doubtful  
Or bad

Rs  
36,32,951  
43,24,603  
79,57,554  
31,19,556  
48,37,998  
48,37,998  
31,19,556  
79,57,556

SCHEDULE

### CASH & BANK BALANCES

As at 31st  
March, 1981  
Rs

8,37,872  
4,37,332  
4,18,26,318  
6,84,837  
4,37,86,359

Cash, Cheques, Drafts, Stamps-in-hand  
Remittance-in-transit  
With Scheduled Banks in Current Account  
With Scheduled Bank in Fixed Deposit  
(Includes Rs 42,500/- for fixed deposit receipt pledged with  
Government of Orissa)

TOTAL

Rs  
7,75,1  
24,68,5  
2,93,43,9  
7,58,5  
3,33,46,1

COAL INDIA LIMITED

Schedule to Balance Sheet as at 31st March, 1982

SCHEDULE 8

LOANS & ADVANCES

As at 31st  
March, 1981  
Rs

7,65,725  
4,95,698  
15,39,91,48,551  
4,85,32,256

15,44,89,42,230  
7,000

15,44,89,35,230

15,44,89,35,230  
7,000

15,44,89,42,230

4,38,21,00,264  
4,03,17,99,504  
2,60,77,73,118  
4,34,77,14,525  
2,97,61,140

15,39,91,48,551

Rs

Advances recoverable in cash or in kind or for value  
to be received :

Subsidy receivable

2,35,931

Deposits

6,89,816

Advance to Subsidiary Companies

19,67,29,63,229

Others

11,22,89,366

Less : Provision for doubtful advances

19,78,61,78,342

7,000

TOTAL

19,78,61,71,342

Classification

Secured

Unsecured — Considered good

19,78,61,71,342

Unsecured — Considered doubtful

7,000

19,78,61,78,342

Amounts due by Subsidiary Companies

Maximum amount  
due during the year

Balance as on  
31.3.1982

Bharat Coking Coal Limited

6,76,29,59,845

6,76,29,59,845

Central Coalfields Limited

3,80,25,87,709

3,80,25,87,709

Western Coalfields Limited

2,91,98,23,657

2,91,98,23,657

Eastern Coalfields Limited

6,13,51,95,163

6,13,51,95,163

Central Mine Planning and Design Institute Limited

5,23,96,855

5,23,96,855

TOTAL

19,67,29,63,229

19,67 29,63,229

COAL INDIA LIMITED

# Schedule to Profit & Loss Account for the Year Ended 31st March, 1982

SCHEDULE 9

SOCIAL OVERHEAD

For the year ended  
31st March, 1981

Rs
14,18,759
4,19,297
4,82,595
10,93,784
6,68,251
1,30,457
42,624
1,02,145
97,313
2,16,550
46,71,775
1,48,653
31,198
44,91,924

	Rs
Salaries, Wages, Bonus and Allowances	16,36,877
Consumption of stores and spare parts	7,57,068
Repairs and maintenance to Township, Hospital and others	10,21,776
Reimbursement of medical expenses	19,66,292
Hospital expenses	7,95,667
Donation to Schools and Institutions	8,05,837
Sports and recreation grants	1,00,635
Depreciation	1,44,876
Power	1,95,673
Other benefits	7,54,960
TOTAL	81,79,661
Less : Earnings from Social Overhead	1,98,162
Colliery consumption	1,29,393
	3,27,555
TOTAL	78,52,106

SCHEDULE 10

WORKMEN & STAFF WELFARE EXPENSES

For the year ended  
31st March, 1981

Rs
7,819
6,52,644
1,01,806
40,51,300
1,04,164
1,70,963
6,31,531
57,20,227
22,670
56,97,557

	Rs
Educational allowance and expenses	9,342
Salaries, Wages, Bonus and Allowances	2,46,009
Uniforms	1,16,118
Leave Travel	43,26,187
Train fare to staff	—
Canteen Up-keep and Refreshment	3,90,243
Others	3,65,430
	54,53,329
Less : Canteen recovery	29,456
Colliery consumption	11,792
TOTAL	54,12,081

SCHEDULE 11

REPAIRS

For the year ended  
31st March, 1981

Rs
2,71,010
7,64,257
9,95,854
20,31,121

	Rs
Factory/Office Buildings	5,87,755
Plant and Machinery	18,96,571
Others	16,08,222
TOTAL	40,92,548

## COAL INDIA LIMITED

SCHEDULE 12

Rs

	Rs
Travelling expenses	45,78,109
Advertisement	27,89,475
Bank charges	97,591
Printing and Stationery	12,87,401
Postage, Telephone and Trunk Calls	26,40,043
Freight	1,062
Training fees and expenses	3,80,339
Entertainment	73,119
Rent on office equipment	1,44,008
Subscriptions	34,776
Demurrage	2,69,667
Rescue and safety expenses	4,435
Conference and Seminars	97,151
Faculty cost	—
Management Development Periodicals	72,106
Registration fees	100
Rewards, donation and courtesy services	—
Recruitment	2,26,351
Consulting expenses	—
Management development expenses (Others)	—
International Trade Fair (Participation expenses)	27,62,394
Audit fees and expenses in other capacity	—
Others	20,78,446
Accounting charges	4,09,246
Analysis charges	58,980

1,80,04,799

COAL INDIA LIMITED

# Schedule to Profit & Loss Account for the Year Ended 31st March, 1982

SCHEDULE 13

OTHER RECEIPTS

For the year ended  
31st March, 1981  
Rs

64,83,19,152  
28,688  
10,656  
  
28,660  
1,54,022  
  
20,820  
2,40,173  
1,43,688  
1,10,00,030  
9,712  
87,229  
1,20,557  
26,647  
89,785  
—  
18,624  
61,100  
2,63,734  
—

Interest from :

Subsidiary Companies  
Bank on Fixed Deposit  
Employees on advances

89,34,99,411.  
26,778  
16,860

Tender money -

Rent from houses and furniture.

Subsidy :

Medical

Protective works

Others

Service charges

Guest house charges

Postal orders etc. from Applicants

Land Rent Assessment, Toll collection etc.

Workshop credit external

Transportation, Bamboo matting, Registration etc.

Miscellaneous Income, General Administration

Hire charges for Coal India Management Institute

Compensation for delay and breach of contract

Other receipts

Credit balance of customers (Written off)

Rs

89,35,43,049  
  
81,808  
1,74,780  
  
4,000  
1,35,94,650  
31,597  
80,519  
1,22,267  
6,141  
1,21,169  
1,11,601  
18,496  
—  
1,93,199  
33,374

66,06,23,277

TOTAL

90,81,16,650

COAL INDIA LIMITED

# Schedule to Profit & Loss Account for the Year Ended 31st March, 1982

PRIOR PERIOD ADJUSTMENTS

SCHEDULE 14

For the year  
ended 31.3.81

For the year  
ended 31.3.81

Rs	To	Rs	By	Rs
78,931	Salaries, Wages, etc.	—	Sales	2,08,876
3,80,900	Depreciation	18,655	Audit expenses	—
1,936	Maintenance of vehicles	5,830	Depreciation (Refer Note below)	8,18,529
1,140	Power and Fuel	—	TA Directors	—
1,03,139	Rent	3,23,846	Interest	555
275	Rates and Taxes	639	Service Charges	—
22,707	Miscellaneous expenses	2,27,046	Subsidy (Low cost housing)	31,945
37,036	Postage & Telephone	2,65,742	Administrative expenses of	—
17,202	Legal expenses	—	Mowlong Shella Project	—
24,857	Purchased repairs	—	Medical expenses reimbursed	—
22,764	Advertisement	86,324	Salaries, Wages, etc.	9,33,136
—	Medical expenses	308	Contribution to PF	12,52,737
13,350	Training expenses	1,96,904	Apex office charges	54,25,503
733	LTC Officers	—	Insurance	4,00,338
4,239	LTC Staff	4,424	Repairs	2,92,194
16,713	Deposit Link Insurance	8,397	Power and Fuel	6,833
12,485	Subscription & Donation	—	Miscellaneous receipts	60,55,498
16,976	Bank charges	65	Ex-gratia	40,461
11,981	Printing and Stationery	8,470	Consumption of stores	4,46,698
12,632	Contribution to P F	—	Professional Tax	14,108
2,84,255	Consumption of stores	50,790	Land revenue	2,250
12,208	TA/DA	—	Balance transferred to	—
4,836	Conference & Seminar	—	Profit & Loss Account	—
49,322	Apex office charges	46,521		
1,156	Maintenance of Generator	—		
10,000	Land Revenue	15,370		
5,577	Demurrage	—		
6,308	Workshop-in-progress	17,642		
12,011	Railway Siding	47,34,866		
—	Interest on Subsidy	100		
—	Central Excise	15		
—	Books and periodicals	49,000		
—	Subsidy	221		
—	Canteen up-keep	45,202		
—	Unlinked suspense written off	—		
—	Balance transferred to	—		
—	Profit & Loss Account :	—		
—	NEC	2,87,586 Dr		
—	Apex	1,01,10,870 Cr		
		98,23,284		
		1,59,29,661		
		11,65,669		
		1,59,29,661		
11,65,669	TOTAL			

Note : Rs 8,18,529 (Cr) represents depreciation on assets transferred to a Subsidiary Company, debited to Prior Period Adjustment Account in 1979-80, now reversed as per the decision of the management.

## COAL INDIA LIMITED

# Notes to the Accounts for the Year Ended 31st March, 1982

(This forms part of the Balance Sheet as at 31st March, 1982 and the Profit & Loss Account for the year ended on that date)

1. Agreement for transfer of Assets and Liabilities to Central Mine Planning & Design Institute Limited on its formation as a Subsidiary of Coal India Limited as on 1. 11. 1975 has yet to be executed.

## 2. Current Assets :

(a) All stores have been physically verified. Reconciliation between the physical balance of stores and balances held as per Bin Cards is under progress. In some cases the stores have been valued at estimated price and in other cases at average cost.

(b) In some cases credit balances of Sundry Debtors could not be linked and adjusted. Such balances have been grouped under "Other Liabilities".

## 3. Loans & Advances :

(a) An amount of Rs 4 lakhs has been paid for Registration charges of building which is lying in advance pending registration.

(b) Buildings constructed under Coal Mines Welfare Organisation are treated as an item of Fixed Assets of the Company and depreciation is charged at the rate applicable to the building and subsidy when received there against will be credited to Capital Reserve.

## 4. Due from Government of India (net) Owners' Account :

Confirmation of balances in the above account is awaited.

## 5. Current Liabilities :

(a) In some cases liabilities have been estimated and accounted for on the basis of available unpaid bills/records.

(b) Pending final assessment for Royalty, Cess, Sales Tax, additional liability, if any, could not be provided for.

## 6. Coal Board Assets :

Adjustments required, if any as a result of change in the date of vesting of Coal Board Assets are yet to be carried out.

## 7. Bank Overdrafts :

As all the assets and liabilities of the four erstwhile Divisions have been transferred to the Subsidiaries in 1975-76, the Company's Bank Overdraft Accounts of the relative Divisions and the corresponding Bank Overdraft balances as on 1.11.1975 were also transferred to the Subsidiaries. The Company having retained the balance in Bank Overdraft Account corresponding to the portion of credit facilities used by it. As a result of the transfer of the assets and liabilities to the Subsidiaries, the balance of Overdraft retained by the Company has become technically unsecured. However, according to the interim arrangement with the Bank their advances to the Company as well as to the Subsidiaries are secured against stock of Coal, Coke and other materials, Stores and Spares and Book debt of the Company and some of its Subsidiaries collectively.

## 8. Unsecured Loan :

Unsecured loan from Bank, Rs 10,973/- represents cheques issued upto 31st March, 1982 in anticipation of transfer of Fund. This Bank Account is a Current Account with no Overdraft facilities.

## 9. Interest on Deposit :

A sum of Rs 5 lakhs and interest thereon placed with a Nationalised Bank in short-term-deposit account pursuant to orders of Hon'ble High Court at Calcutta out of the fund of an erstwhile owners has not been included in the accounts. Interest received upto March, 1975 by the Company on the deposit has been treated as a liability. Interest for the year according to the past practice has not been taken into account.



## 10. Capital Commitment :

Estimates amount of contracts remaining to be executed on capital account not provided for amounts to Rs 8551.34 lakhs ( Previous year Rs 8112.52 lakhs) net.

## 11. Contingent Liabilities :

For claims against the Company not acknowledged as debts:

(a) Suits against the Company for Rs 34.07 lakhs (including Rs 3.11 lakhs relating to assets transferred to CCL). Amount in respect of compensation claim against the Company could not be ascertained.

(b) BCCL's two overdraft accounts of Rs 2100 lakhs and Rs 200 lakhs and CMPDIL's overdraft account of Rs 25 lakhs guaranteed by the Company.

(c) For contracts entered into with Machineexport, Moscow for import of equipment of Subsidiary Companies on deferred payment term basis including exchange rate variation.

(d) Certain disputes with the employees under adjudication or settlement for which the amount could not be ascertained.

(e) Royalty and dead rent claims made by the State Government in respect of running, closed and not taken over mines amounting to Rs 11.31 lakhs.

12. Claims amounting to Rs 8.82 lakhs, preferred against, a State Government towards Royalty, Cess and Sales Tax have not been accounted for.

13. Land includes an amount of Rs 29.84 lakhs which represents payments made to Government of West Bengal on account of cost of land acquired at Dankuni Coal Complex and made over to the Company by the State Government. Since the final award of compensation is pending the liability, if any on this account remain unascertained.

14. The Dankuni Coal Complex being in the process of construction all establishment expenses and depreciation of assets in use ( Pre-operational expenses ) have been grouped under Development Account.

## 15. Sales :

Internal consumption of coal and free issue of coal to employees have been accounted for on the basis of norms fixed.

## 16. Others :

(a) Salaries, wages, stores, etc. in respect of repair

red jobs in Workshops and in some cases social overheads have been debited to salaries, wages, consumption of stores and other expenses, etc.

(b) No adjustments have been made in respect of rent payable/receivable for the building of Central Coalfields Limited occupied by the Company/rented premises of the Company occupied by Central Coalfields Limited respectively.

(c) Some of the assets belonging to the Subsidiary Companies were used by the Regional Offices for which maintenance cost was borne by the Regional Offices.

(d) The following expenses/incomes have been accounted for on cash basis :

### (i) Expenses

(a) Leave travel

(b) Underloading charges

(c) Pension

(d) Workmen's compensation

### (ii) Incomes

(a) Sale of scraps

(b) Interest on loans from employees for purchase of Motor Car, House building.

(c) Recovery of Electric and Vehicle charges.

17. In some cases partywise ledger balances could not be reconciled with control accounts.

18. In accordance with the decision of the Government to treat non-plan loans as interest-free by grant of corresponding amount as subsidy an amount aggregating to Rs 58.08 crores comprising of interest accrued and due ( Rs 42.56 crores ) and interest accrued but not due ( Rs 15.52 crores ) have been taken credit of in the account.

19. (a) As per past practice of the Company interest liability after adjusting Rs 31.92 crores absorbed by CENTRAL COALFIELDS LIMITED out of the total interest liability of Rs 90.28 crores on CIL's loan have been allocated amongst the other Subsidiary Companies and NORTH EASTERN COALFIELDS and DANKUNI COAL COMPLEX proportion of the capital employed on debt/equity ratio of 1 : 1 subject to limitation of authorised capital of the Companies.

(b) In pursuance of the Government Order No. 48015 (6)/81-CA dated 21st April, 1982 the outstanding balance of loans as on 1.4.1980 directly

received by Bharat Coking Coal Limited and Central Coalfields Limited (Ex-NCDC) have been transferred from the books of these Companies to Coal India Limited on the existing terms and conditions. The Government order was to give effect on the balance as on 1.4.1980 but the order was received in April, 1982 and as such the effect of transfer of these outstanding balances have been given in the Accounts of 1981-82 with the balance as on 1.4.81. The Government have been approached for the change in the date which awaited. The amount of interest chargeable in the Accounts on these loans have been passed on to the Companies concerned.

(c) No provision has been made on account of penal interest on the amount of interest on non-plan loans accrued but not due for payment upto 31st March, 1979 as the Government agreed in principal to treat the outstanding balances of non-plan loans as on 1-4-1979 as non-interest bearing. In accordance with this decision Government had sanctioned subsidy equal to the amount of interest falling due with effect from 1-4-1979 on cash basis but the Company following the principle of commercial accounting made provision for interest on accrual basis. The Company has already approached the Government for issue of sanction for subsidy against interest on non-plan loans accrued but not due for payment upto 31-3-1979 and the sanction of the Government is awaited.

### 23. Directors Remuneration :

#### (i) Salaries

Company's contribution to Provident Fund & other Funds  
Medical Benefits  
Perquisites

	1981-82	1980-81
	Rs.	Rs
	71,094	99,025
	13,793	25,010
	3,058	4,639
	12,194	20,853

#### (ii) Particulars of employees who are in receipt of not less than Rs 36,000 per annum or Rs 3,000 per month, when employed for a part of the year :

	Employed through out the year		Employed for part of the year	
	'81-82	'80-81	'81-82	'80-81
(i) Number of employees	34	34	28	11
(ii) Salaries, Allowances etc.	Rs 14,13,958	13,78,977	4,52,463	1,52,970
(iii) Contribution to Provident Fund	Rs 1,02,706	1,12,739	31,848	7,934

The information required in Paragraphs 3&4 of Part (ii) of the Schedule (VI) of Companies Act, 1956, 3(b) value of imports on C I F basis :—

20. An amount of Rs 8.58 crores received (Rs 2.79 crores before nationalisation and Rs 5.79 crores after nationalisation) from the Coal Board/Government of India towards subsidy and remained unadjusted upto March, 1981 due to non-availability of full particulars, out of which Rs 6.75 crores have been adjusted on receipt of particulars from Coal Board/Government of India leaving a balance of Rs 1.83 crores which is included under the head 'Deposit in Current Liabilities' pending further orders from the Government.

21. Previous years figures have been re-grouped wherever necessary.

22. Consequent upon the observations made by the Comptroller and Auditor General of India during the course of Audit under Section 619 (4) of the Companies Act, 1956 on the accounts of the Company for the year ended 31st March, 1982, certain changes have been made in the accounts to correct the mistakes in under provision of gratuity (Rs 14,204) non-accountal of drafts relating to service charges (Rs 14999), balance in current accounts with banks (Rs 2, 16,820) in Desk Office of Western Coalfields Ltd; and correction of mistakes of a double accounting (Rs 43,377) in Cash and Bank balances. Accordingly necessary corrections have been made in the Balance Sheet, Profit & Loss Account and corresponding Schedules.

	1981-82 Rs.	1980-81 Rs.
(i) Raw materials	—	—
(ii) Capital goods	—	—
(iii) Stores, Spares & Components	—	24,000
Expenditure incurred in Foreign Currency on account of :		
(i) Know how :	1,21,889	47,834
(ii) Interest	—	—
(iii) Exchange variation	—	—
(iv) Commission to Foreign Agents	—	—
(v) Training expenses and payment to Foreign Technicians	—	—
Earning in Foreign Exchange on account of :		
(i) Export of goods (Calculated on F. O. B. basis)	—	—
(ii) Exchange variation	—	—
(iii) Miscellaneous	—	—
Capacity, Production, Sales and Stock :		
(a) Installed capacity	NA	NA
(b) Licensed capacity	NA	NA
(c) Estimated material consumption	—	5,000

0-81

Rs

025

0,010

1,639

0,853

00 per

Part

r

30-81

11

,970

,934

3, 3(b)

	Opening Stock		Production	
	1981-82 Quantity '000 MT	1980-81 Value Rs/Lakhs	1981-82 Qty. '000 MT	1980-81 Value Rs/Lakhs
Coal (Run-of-Mine & Hand Picked)	4	6.00	3	2.85
Bricks:				
Class I ('000)	403	—	142	0.29
Class II ('000)	3	1.22	101	0.20
Arch Bricks	33	—	—	—
Broken Bricks (Cu. m.)	59	—	117	0.20
Green ('000)	160	—	—	—

	Turnover				Closing Stock			
	1981-82		1980-81		1981-82		1980-81	
	Qty '000 MT	Value Rs/ Lakhs	Qty '000 MT	Value Rs/ Lakhs	Qty '000 MT	Value Rs/ Lakhs	Qty '000 MT	Value Rs/ Lakhs
Coal (Run-of-Mine & Hand Picked)	640	1034.70	611	789.39	67	104.25	4	6.00
Bricks :								
Class-I ('000)	3972	—	2761	—	126	—	403	—
Class-II ('000)	175	—	366	—	29	—	3	—
Arch Bricks	140	—	247	—	22	—	33	—
		14.79		9.25		1.08		1.22
Broken Bricks (Cu m)	1010	—	999	—	12	—	59	—
Green ('000)	—	—	—	—	160	—	160	—

Value of Raw Material, etc., Stores, Spares and Components consumed during the period :

	Raw Materials	Percentage	Stores, Spares & Components	(Rs in lakhs) Percentage
Imported	—	—	—	—
Indigenous	—	—	173	100
TOTAL			173	100

Signatures to  
Schedule 1 to 15

For COAL INDIA LIMITED  
RANA S J B SINGH  
Secretary

S PANCHAPAKESAN  
Chief of Finance

R G MAHENDRU  
Director

Dr B L WADEHRA  
Chairman

Calcutta

Dated, the 20th September, 1982

As per our separate report of even date.

For CHATURVEDI & CO.  
Chartered Accountants  
S C CHATURVEDI  
PARTNER