



COAL
INDIA
LTD

ANNUAL
REPORT
1979-80



ANNUAL
REPORT & ACCOUNTS
FOR
1979-80

COAL INDIA LIMITED
FORMERLY KNOWN AS COAL MINES AUTHORITY LIMITED
10, Netaji Subhas Road, Calcutta 700 001

No.

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Management During 1979-80

Chairman	:	Shri R N Sharma	
Directors	:	Shri K P Mukherji	— <i>Commercial</i>
		Shri R G Mahendru	— <i>Chairman-cum-Managing Director, Bharat Coking Coal Limited</i>
		Shri C S Jha	— <i>Chairman-cum-Managing Director, Eastern Coalfields Limited</i>
		Dr B L Wadehra	— <i>Chairman-cum-Managing Director, Central Coalfields Limited</i>
		Shri D P Gupta	— <i>Chairman-cum-Managing Director, Western Coalfields Limited</i>
		Shri A N Banerjee	— <i>Chairman-cum-Managing Director, Central Mine Planning & Design Institute Limited</i>
		Shri R P Khosla	
		Shri R P Singh	
		Dr K A Kini	— <i>From 30th April, 1979</i>
		Smt Otima Bordia	— <i>From 30th April, 1979</i>
		Shri S P Gugnani	— <i>Upto 13th September, 1979</i>
		Shri S K Bose	— <i>Upto 25th April, 1979</i>
		Shri P M Belliappa	— <i>Upto 29th April, 1979</i>
Secretary	:	Shri Amit Halder	— <i>Upto 2nd July, 1979</i>
		Shri Rana S J B Singh	— <i>From 1st August, 1979</i>

Present Management

Chairman : Shri R N Sharma

Directors : Shri R G Mahendru — *Chairman-cum-Managing Director, Bharat Coking Coal Limited*
Shri C S Jha — *Chairman-cum-Managing Director, Eastern Coalfields Limited*
Shri D P Gupta — *Chairman-cum-Managing Director, Western Coalfields Limited*
Dr B L Wadehra — *Chairman-cum-Managing Director, Central Coalfields Limited*
Shri R P Khosla
Smt Otimia Bordia
Shri R P Singh
Dr K A Kini
Shri A Rangachari
Shri S Santhanam

Divisional Heads : Shri S K Bose — *Adviser*
Shri O Maheepathi — *Adviser (P & I R)*
Shri Y P Puri — *Adviser (MIS)*
Shri S P De — *Adviser (Land & Revenue)*
Shri U K Raja Rao — *Project Monitoring & Production, Safety & Projects Division*
Shri H Srinivasan — *Equipment & Engineering Division*
Shri S Panchapakesan — *Finance Division*
Shri M P Narayanan — *Commercial Division*
Dr A C Ray — *Personnel Division*
Shri P K Ghosh — *Personnel & Industrial Relation*
Shri R N Mishra — *Corporate Planning*
Shri S B Sahay — *Vigilance*

Secretary : Shri Rana S J B Singh

Bankers

State Bank of India

Punjab National Bank

Bank of India

United Commercial Bank

United Bank of India

Syndicate Bank

Union Bank of India

Auditors

Statutory Auditor

M/s J L Sengupta & Co.

Chartered Accountants

70A, Lenin Sarani

Calcutta 700 013

Branch Auditor

M/s N Choudhuri & Co.

Chartered Accountants

10, Old Post Office Street (2nd floor)

Calcutta 700 001

Notice

NOTICE is hereby given to all Shareholders of Coal India Limited (previously known as Coal Mines Authority Limited) that the Sixth Annual General Meeting of the Company will be held on Wednesday the 24th June, 1981 at 10.00 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, 1980.
2. To receive and adopt the audited Balance Sheet as on 31st March, 1980.
3. To receive and adopt the Accounts of the Company for the year ended 31st March, 1980.
4. To appoint a Director in place of Shri R P Khosla, who retires in terms of Article 33(d)(iii) of the Articles of Association of the Company and is eligible for reappointment.
5. To appoint a Director in place of Smt Otima Bordia who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
6. To appoint a Director in place of Shri R P Singh, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
7. To appoint a Director in place of Dr K A Kini, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
8. To appoint a Director in place of Shri R G Mahendru, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
9. To appoint a Director in place of Shri C S Jha, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
10. To appoint a Director in place of Dr B L Wadehra, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
11. To appoint a Director in place of Shri D P Gupta, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
12. To appoint a Director in place of Shri S Santhanam, who retires in terms of Articles 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
13. To appoint a Director in place of Shri A Rangachari, who retires in terms of Article 33d(iii) of the Articles of Association of the Company and is eligible for reappointment.
14. To consider, and if thought fit, to pass with or without modification/s the following resolutions as a special resolution.
 - (a) Resolved that the Authorised Share Capital of the Company be and is hereby increased to Rs 1500 crores (Rupees one thousand five hundred crores) from Rs 1000 crores (one thousand crores) divided into 15000000 (one crore fifty lakhs) equity share of Rs 1000/- (one thousand) each.
 - (b) Resolved that Clause V, Para I of the Memorandum of Association of the Company be altered/modified to read as :

"The share capital of the Company is Rupees 1500 crores divided into 15000000 Equity shares of Rupees 1000/- each."
 - (c) Resolved that Article 5 of the Articles of Association of the Company be altered/modified to read as:

"The share capital of the Company is Rs 1500 crores (Rupees one thousand five hundred crores) divided into one crore fifty lakhs equity shares of Rupees one thousand each."

Rana S J B Singh
Secretary

Registered Office
'Coal Bhawan'
10, Netaji Subhas Road
Calcutta 700 001
Dated 16th June, 1981

NB : 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, 1979-80

अंशधारीगण

कोल इण्डिया लिमिटेड

महाशय,

31 मार्च, 1980 को समाप्त हुए वर्ष के आडिट किये हुए लेखा विवरण, वैधानिक आडिटों की रिपोर्ट और भारत सरकार के कम्प्ट्रोलर और आडिटर जनरल की टिप्पणी एवं पुनरीक्षण के साथ, आपकी कंपनी के कामकाज पर सातवीं वार्षिक रिपोर्ट प्रस्तुत करते आपके निदेशकों को हर्ष होता है।

1.2 एक नियंत्रक कंपनी के रूप में आपकी कंपनी के पूर्ण नियंत्रण में पाँच अनुषंगी कंपनियां काम कर रही हैं, जो कि क्रमशः (क) सेंट्रल माइन्स प्लानिंग एण्ड डिजाइन इंस्टीट्यूट लिमिटेड; (ख) भारत कोकिंग कोल लिमिटेड; (ग) वेस्टर्न कोलफील्ड्स लिमिटेड; (घ) सेंट्रल कोलफील्ड्स लिमिटेड; तथा (ङ) ईस्टर्न कोलफील्ड्स लिमिटेड हैं।

1.3 असम तथा इसके निकटवर्ती क्षेत्रों की खानों को आपकी कंपनी के सीधे नियंत्रण में हो रहने दिया गया।

1.4 लागत वृद्धि को आपकी कंपनी में समायोजन करने के लिये कंपनी की प्राधिकृत पूंजी को 750 करोड़ रुपये से बढ़ाकर 1000 करोड़ रुपये कर दिया गया। दो अनुषंगी कंपनियों अर्थात् भारत कोकिंग कोल लिमिटेड एवं वेस्टर्न कोलफील्ड्स लिमिटेड की प्राधिकृत पूंजी को 150 करोड़ रुपये से बढ़ाकर 250 करोड़ रुपये कर दिया गया।

1.5 केंद्रीय नियंत्रण द्वारा कंपनी तथा इसकी अनुषंगी कंपनियों के लिये बेहतर विपणन संचालन प्राप्त करने के लिये, आपकी कंपनी ने एक विंग के रूप में सेंट्रल मार्केटिंग ऑर्गेनाइजेशन के गठन किया, जिसका आपकी कंपनी एवं इसकी अनुषंगियों के विपणन कार्यकलापों का पूर्ण दायित्व होगा।

उत्पादन

2.1 आपकी कंपनी ने 1979-80 में 91.44 मिलियन टन कोयले का उत्पादन किया, जो कि गत वर्ष के उत्पादन से 1.37 मिलियन टन अधिक था। तथापि, उत्पादन में 94.42 मिलियन टन के संशोधित लक्ष्य की तुलना में, 2.98 मिलियन टन (3.3 प्रतिशत) की कमी हुई। उत्पादन और अधिक बेहतर हुआ होता लेकिन अनेक प्रतिबंधों, जैसे, बिहार तथा बंगाल के कोयला क्षेत्रों में बिजली की आपूर्ति में कमी, अत्याधिक गैरहाजिरी (विशेषतः ई० सी० एल० में), अस्वाभाविक औद्योगिक संबंध, बिगड़ती हुई कानून और व्यवस्था की स्थिति, के परिणामस्वरूप यह नहीं हो सका। आलोच्य वर्ष में, उपर्युक्त कारणों से हुई उत्पादन में कमी अनुषंगी-क्रम से निम्न है :

मिलियन टन में

अनुषंगी	बिजली	अनुपस्थिति	औद्योगिक अशांति	कुल
ई सी एल	2.83	3.49	0.20	6.52
बी सी सी एल	2.15	0.92	0.15	3.22
सी सी एल	1.51	0.27	0.03	1.81
डब्लू सी एल	0.27	0.76	0.26	1.29
कुल	6.76	5.44	0.64	12.84

1978-79 तथा 1979-80 में अनुषंगी/डिविजन क्रम से कच्चे कोयले का उत्पादन निम्न दिया जा रहा है :

मिलियन टन में

अनुषंगी/डिविजन	कच्चे कोयले का उत्पादन	1978-79 की तुलना
	1978-79 1979-80	में प्रतिशत/वृद्धि(+)/ह्रास (-)
ई सी एल	22.06 20.52	(-) 6.98
बी सी सी एल	19.73 20.08	(+) 1.77
सी सी एल	23.43 24.15	(+) 3.07
डब्लू सी एल	24.23 26.13	(+) 7.84
एन ई सी	0.62 0.56	(-) 9.68
कुल	90.07 91.44	(+) 1.52

कोकिंग कोयला

2.2 गत वर्ष की तुलना में कोकिंग कोयले के उत्पादन में 0.62 मिलियन टन अर्थात् 2.17 प्रतिशत की न्यूनतम गिरावट आयी। विवरण निम्न है :

मिलियन टन में

अनुषंगी/डिविजन	कोकिंग कोयले का उत्पादन*	1978-79 की तुलना में प्रतिशत
	1978-79 1979-80	वृद्धि(+)/ह्रास(-)
ई सी एल	2.03 1.87	(-) 7.88
बी सी सी एल	16.74 16.60	(-) 0.84
सी सी एल	8.95 8.87	(-) 0.89
डब्लू सी एल	0.80 0.56	(-) 30.00
कुल	28.52 27.90	(-) 2.17

*इसमें वह कोयला भी शामिल है, जो कोकिंग कोल के रूप में दिखाया गया है पर वास्तव में नन-मेटलर्जिकल उद्देश्य के लिये प्रयुक्त हुआ है।

नान्-कोकिंग कोल

2.3 उत्पादन को प्रभावित करने वाले अनेक प्रतिबंधों के बावजूद, 1978-79 के नान्-कोकिंग कोल के उत्पादन में 1.98 मिलियन टन अर्थात् 3.22 प्रतिशत की वृद्धि हुई। नीचे की तालिका से यह प्रेक्षित है कि ई० सी० एल० तथा एन० ई० सी० के अलावा अन्य अनुषंगी कंपनियों ने अपने 1978-79 के उत्पादन पर उत्पादन का संशोधित कीर्तिमान स्थापित किया। एन० ई० सी० का उत्पादन वर्ष के द्वितियाह्न में स्थानीय अशांति के कारण प्रभावित हुआ। अनुषंगी/डिविजन क्रम से नान्-कोकिंग कोयले का उत्पादन नीचे दिया जा रहा है :

अनुषंगी/डिविजन	नान्-कोकिंग कोल का उत्पादन		1978-79 की तुलना में % वृद्धि (+)/ह्रास (-)	
	1978-79	1979-80		
ई सी एल	20.03	18.64	(-)	6.94
बी सी सी एल	2.99	3.48	(+)	16.39
सी सी एल	14.48	15.28	(+)	5.52
डब्लू सी एल	23.43	25.57	(+)	9.13
एन ई सी	0.62	0.56	(-)	9.68
कुल	61.55	63.53	(+)	3.22

साफ्ट कोक

2.4 आलोच्य वर्ष में साफ्ट कोक के उत्पादन में 2.41 मिलियन टन की वृद्धि हुई जो कि गत वर्ष के 2.30 मिलियन टन के उत्पादन पर 4.91 प्रतिशत की रेकार्ड वृद्धि रही। अनुषंगी/डिविजन क्रम से विवरण नीचे दिया गया है :

अनुषंगी/डिविजन	साफ्ट कोक का उत्पादन		1978-79 की तुलना में % वृद्धि (+)/ह्रास (-)	
	1978-79	1979-80		
ई सी एल	1.04	1.078	(+)	3.65
बी सी सी एल	0.91	0.920	(+)	1.10
सी सी एल	0.32	0.410	(+)	28.13
डब्लू सी एल	0.03	0.005	(-)	83.33
कुल	2.30	2.413	(+)	4.91

हार्ड कोक

2.5 1979-80 के दौरान हार्ड कोक का उत्पादन स्तर 0.74 मिलियन टन से बढ़कर 0.75 मिलियन टन हो गया है। अनुषंगी क्रम से विवरण निम्न है :

मिलियन टन में

अनुषंगी/डिविजन	हार्ड कोक का उत्पादन		1978-79 की तुलना में % वृद्धि (+)/ह्रास (-)	
	1978-79	1979-80		
ई सी एल	0.01	0.01		-
बी सी सी एल	0.69	0.72	(+)	4.35
सी सी एल	0.04	0.03	(-)	25.00
कुल	0.74	0.76	(+)	2.70

धुला कोयला

2.6 1979-80 के दौरान धुले कोयले का उत्पादन 8.43 मिलियन टन के स्तर से गिरकर 7.79 मिलियन टन हो गया। उत्पादन में गिरावट का प्रधान कारण, 1979-80 में बिजली की आपूर्ति में ह्रास था। बी० सी० सी० एल० एवं सी० सी० एल० की वाशरियां बिजली की व्यापक अभाव एवं इसकी आपूर्ति में निरंतर व्यवधान के फलस्वरूप बुरी तरह प्रभावित हुई।

2.7 इस वर्ष धुले कोयले के उत्पादन में केवल बिजली की आपूर्ति में लगातार व्यवधान के कारण ही 1.12 मिलियन टन की क्षति हुई जब कि 1978-79 में यह कमी केवल 0.69 मिलियन टन थी। अनुषंगी क्रम से धुले कोयले का उत्पादन निम्न दिया गया है :

मिलियन टन में

अनुषंगी/डिविजन	धुले कोयले का उत्पादन		1978-79 की तुलना में % वृद्धि (+)/ह्रास (-)	
	1978-79	1979-80		
बी सी सी एल	4.52	4.28	(-)	5.31
सी सी एल	3.71	3.34	(-)	9.97
डब्लू सी एल	0.20	0.17	(-)	15.00
कुल	8.43	7.79	(-)	7.59

ओयेल-कास्ट मशीनों का उपयोग

3. आलोच्य वर्ष में एच० ई० एम० की उपयोग क्षमता को लगभग गत वर्ष के स्तर पर बनाये रखा गया। कुल उपयोग क्षमता गत वर्ष के 74.8 प्रतिशत की तुलना में, आलोच्य वर्ष में 74.6 प्रतिशत रही।

कोयलों का प्रेषण

4. 1978-79 की तुलना में 1979-80 में कोयले का प्रेषण 3.34 मिलियन टन अधिक हुआ। वर्ष के दौरान 102 मिलियन टन की निर्धारित मांग के विपरीत 90.55 मिलियन टन कोयले का प्रेषण हुआ। मांग और आपूर्ति के बीच इस अन्तर का प्रधान कारण, अपर्याप्त यातायात सुविधाएं थीं। सी० सी० एल० और डब्ल्यू० सी० एल० के प्रेषण में वृद्धि हुई जबकि बी० सी० सी० एल०, ई० सी० एल० एवं एन० ई० सी० के प्रेषण में न्यूनतम गिरावट आयी। अनुषंगी क्रम से कोयले के प्रेषण में वृद्धि/ह्रास का प्रतिशत निम्न सारणी में दर्शाया गया है :

अनुषंगी/डिविजन	कोयले का प्रेषण		1978-79 की तुलना में % वृद्धि(+)/ ह्रास (-)
	1978-79	1979-80	
ई सी एल	21.90	20.77	(-) 5.16
बी सी सी एल	19.60	19.33	(-) 1.38
सी सी एल	21.96	23.94	(+) 9.02
डब्लू सी एल	23.13	25.95	(+) 12.19
एन ई सी	0.62	0.56	(-) 9.68
कुल	87.21	90.55	(+) 3.83

उपभोक्ताओं को प्रेषण

5.1 आलोच्य वर्ष के दौरान, 1978-79 के 81.29 मिलियन टन की तुलना में 84.23 मिलियन टन कोयला/कोक तथा अन्य उत्पादों का प्रेषण विभिन्न उपभोक्ताओं को हुआ। कोयला और कोक के रेल द्वारा संचलन में उत्तरोत्तर गिरावट आयी जो कि 1977-78 के 63.0 मिलियन टन की तुलना में 1978-79 तथा आलोच्य वर्ष में क्रमशः 57.3 मिलियन टन तथा 54.8 मिलियन टन रही। वैगनों की प्राप्यता में कमी के परिणामस्वरूप रेल द्वारा कोयला और कोक के संचलन में गिरावट आयी। आलोच्य वर्ष में आपकी कंपनी तथा इसकी अनुषंगियों का प्रतिदिन औसतन 9979 वैगन लदान का प्रस्ताव था, रेलवे ने प्रतिदिन औसतन 7646 वैगन आवंटित किये, परन्तु वास्तव में 7160 वैगनों का ही आपूर्ति तथा लदान हुआ। गत वर्ष के 18.05 मिलियन टन की तुलना में, 1979-80 में 23.28 मिलियन टन कोयले का सड़क द्वारा रेकार्ड प्रेषण हुआ, जो कि संचलन की एक सार्थक विशेषता थी। सड़क संचलन में वृद्धि का प्रधान कारण आवश्यक मात्रा में वैगनों की अप्राप्यता थी।

5.2 कोयला/कोक तथा अन्य उत्पादों का प्रमुख उपभोक्ताओं को प्रेषण निम्न दिया गया है :

उपभोक्ताओं की श्रेणी	प्रेषण		1978-79 की तुलना में प्रतिशत वृद्धि (+)/ह्रास (-)
	1978-79	1979-80	
इस्पात संयंत्र	14.21	14.01	(-) 1.41
विजली घर	26.40	30.71	(+) 16.33
रेलवे	10.79	10.70	(-) 0.83
सिमेन्ट कारखाने	3.47	2.99	(-) 13.83
कागज कारखाने	1.79	1.53	(-) 14.53
वस्त्र/रेयन मिल	2.32	2.06	(-) 11.21
उर्वरक कारखाने	1.65	1.83	(+) 10.91
निर्यात	0.27	0.09	(-) 66.67
अन्य	20.39	20.31	(-) 0.39
कुल	81.29	84.23	(+) 3.62

योजना

6. आलोच्य वर्ष में सी० एम० पी० डी० आई० एल० ने 562 करोड़ रुपये की लागत वाली 54.76 मिलियन टन की 29 संभाव्य रिपोर्ट तैयार की। तैयार की गई परियोजनाओं का अनुषंगी क्रम से विवरण निम्न है :

अनुषंगी/डिविजन	परियोजनाओं की संख्या	पूँजी (करोड़ रुपयों में)	प्रतिवर्ष मिलियन टन में क्षमता
ई सी एल	9	226	11.52
बी सी सी एल	6	57	0.99
डब्लू सी एल	10	121	6.90
सी सी एल	4	158	35.35
कुल	29	562	54.76

खनन प्रौद्योगिकी

7.1 खनन की समुचित रीति को विकसित कर कोयले का तीव्रतर उत्खनन, अधिकतम सुरक्षा तथा मितव्ययिता से कोयला की अधिकतम प्राप्ति के लिये सी० एम० पी० डी० आई० एल० को देश में विद्यमान विभिन्न भू-खननीय परिस्थितियों में आधुनिक प्रौद्योगिकी को पहचानने तथा उसे आरम्भ करने का अति महत्वपूर्ण काम सौंपा गया। तकनीकी-आर्थिक आधार पर और/या मांग की आपूर्ति की दिशा में लचीलापन प्रदान कर, क्षेत्र/खण्ड के चयन के विकल्प को सरल बनाने के लिये सी० एम० पी० डी० आई० एल० ने भारत कॉकिंग कोल लिमिटेड, सेंट्रल कोलफील्ड्स लिमिटेड तथा वेस्टर्न कोलफील्ड्स लिमिटेड के लिए "भूगर्भीय रिपोर्टों की एक शेल्फ" की व्यवस्था की है। चूंकि 1974-75 के अंत में ईस्टर्न कोलफील्ड्स लिमिटेड द्वारा विस्तृत अन्वेषण का कार्य आरंभ किया गया, इस रिपोर्ट के लिए शेल्फ की व्यवस्था का पाना संभव नहीं हो सका।

7.2 सी० एम० पी० डी० आई० एल० ने कोयला खनन एवं कोयला उपयोग पर, 4 और 6 अप्रैल, 1979 को भारत-फ्रांस अध्ययन गोष्ठी का आयोजन किया, जो मोटी तथा खड़ी सीमों वाली खानों के खनन में और देश में विद्यमान परिवर्ती भू-खनन दशा के अनुप्रयोग तथा कोयले की उपयोगिता के लिए फ्रेंच-प्राद्योगिकी को पहचानने में बहुत उपयोगी सिद्ध हुआ था।

7.3 इटेंसिव लांगवाल खनन में भारी परिवर्तन करने के उद्देश्य से सी० एम० पी० डी० आई० एल० ने विभिन्न मिश्रित यंत्रीकरण के साथ सभी अनुषंगी कंपनियों में प्रयोगात्मक लांगवाल फैसेज के संचालन का सूत्रपात किया। चट्टान और कोयले की जांच करने वाले बोरहोल्स, सार भाग के लिए एक अक्षीय सम्पीडक, प्रोटोडाइकोनोव बल के निदेशकांक निर्धारण के लिये उपस्कर, परस्करण के लिए प्लोट एवं सिक प्रयोगादि के लिए यंत्र प्राप्त कर विभिन्न अन्वेषण तथा विकास के लिये प्रयोगशाला की सुविधाओं को पुनः बढ़ाया गया।

विदेशी सहयोगिता

8. आलोच्य वर्ष में सोवियत संघ, कनाडा, पोलैंड आदि देशों के साथ विदेशी सहयोगिता के समझौता हुए, मकूम कोयला क्षेत्र में शील्ड माइनिंग तथा बारागोलाई तथा पूर्वी कतरास में हाइड्रोलिक माइनिंग से संबंधित सहयोगिता के अनुबंध पर सोवियत संघ के मेसर्स त्सेवतमेतरोमपोर्त (TSVETMETROMPORT) और कनाडा के मेसर्स कैजर रेसोर्सेस लिमिटेड (M/S. KAISERRSOURCES LTD.) से बातचीत चल रही है।

भूगर्भीय अन्वेषण

9. दूसरी एजेंसियों से 105 ड्रिलों को ठेके पर बैठाने के अलावा आलोच्य वर्ष में आपकी कंपनी ने 49 ड्रिलों को बैठाया। इस तरह ड्रिल की गयी कुल मीटर 193107 मीटर पर पहुंची तथा 3633 मिलियन टन कोयले के भण्डार का पता लगाया गया, जिसमें 3029 मिलियन टन (653 मिलियन टन प्राइम कोयला) "प्रूव्ड" तथा 604 मिलियन टन "इण्डिकेटेड" श्रेणी के थे / अनुषंगी क्रम से विवरण निम्न है :

अनुषंगी/डिविजन	मिलियन टन में		कुल
	प्रूव्ड	इण्डिकेटेड	
ई सी एल	169	150	319
बी सी सी एल	1711	245	1956
सी सी एल	590	118	708
डब्लू सी एल	559	91	650
कुल	3029	604	3633

अनुसंधान एवं विकास

10.1 सी० एम० पी० डी० आई० एल० ने खनन प्रौद्योगिकी, अन्वेषण, खनन इलेक्ट्रॉनिक्स, कोयला उपयोग और अन्य समवर्गीय कार्यों से संबंधित अनेक परियोजनाओं के शोध एवं विकास का कार्य अपने हाथ में लिया। इस समय करीब 89 योजनाएँ समापन के विभिन्न चरणों में हैं। ये उन 9 अनुसंधान एवं विकास योजनाओं के अतिरिक्त हैं, जिन्हें पहले ही संपन्न किया जा चुका है। अनुसंधान एवं विकास योजना के अंतर्गत सम्बन्धित खनन-प्रौद्योगिकी, स्ट्राटा नियंत्रण, खनन इलेक्ट्रॉनिक, अभियांत्रिकी, अन्वेषण एवं कोयले की उपयोगिता इत्यादि जैसे कई क्षेत्र आते हैं।

10.2 खनन की तकनीकी योजनाओं के अतिरिक्त, इसके अधीन, (क) द्रवदाब भूगर्भीय अनुसंधान; (ख) बोरोहोल्स में भू-भौतिकीय लाइनिंग; (ग) चट्टान तथा कोयले के भौतिकीय यांत्रिक गुणों का निर्धारण; (घ) घरेलू चूल्हे का विकास; (ङ) साफ्ट कोक निर्माण का यंत्रीकृत संयंत्र; (च) ड० के० एस० तकनीकीकरण द्वारा फार्मड कोक निर्माण का अध्ययन; (छ) दामोदर में बसढ़ से दूर संवेदन एवं रेडियो टेलीमीटरों द्वारा सावधान करने की पद्धति आदि के अन्वेषण,

कोयले की उपयोगिता तथा खनन इलेक्ट्रॉनिक्स इत्यादि के क्षेत्र में उन्नति के कार्य आते हैं।

10.3 सी० एम० पी० डी० आई० एल० के अधिन तीन विभाग, जैसे — (1) खनन; (2) अनुसंधान; एवं (3) वाशरी के लिए एक प्रयोगशाला भी कार्यरत है।

कोयला बेनेफिसियेशन

11.1 परिमाणान्तरक एवं गुणात्मक रूप से धुले हुए कोयले की बढ़ती हुई मांग को दृष्टि में रख, बेहतर उत्पादकता एवं उपयोगिता के लिए वर्तमान वाशरियों का रूपान्तरण एवं पुनरुद्धार किया गया। दुग्दा-I और दुग्दा-II, करगली तथा कथारा वाशरियों में इन योजनाओं का काम प्रगति पर है। छोटे-छोटे टुकड़ों की प्रतिप्राप्ति के लिये पाथरडीह तथा गिद्दी वाशरियों में फ्लोटेशन सेल की क्षमता को वृद्धिकर या बढ़ाकर योजनाओं का कार्यान्वयन किया गया।

11.2 2 मिलियन टन निवेश क्षमता वाली सुदामडीह वाशरी को अधिकृत किया गया। धुलाई की वर्तमान दर करीब 400 से 500 मिलियन टन प्रति घण्टे है। मोडिया लास् से बचने के लिए विशिष्ट गुरुत्व नियंत्रण में सुधार तथा छोटे-छोटे टुकड़ों की प्रतिप्राप्ति के लिए फ्लोटेशन सेलों में पुनरुद्धार किया गया।

11.3 निर्माणाधीन नई वाशरियों का विवरण निम्न है :

वाशरी	निवेश क्षमता (मि० टन में)	पूर्ण होने का अनुमानित वर्ष
मूनीडीह	2.0	1981-82
रामगढ़	3.0	1981-82
महुदाह	0.6	1982-83
बोरारा	0.4	1981-82
केदला	2.5	प्राथमिक कार्य प्रगति पर है।

कार्बोनाइजेशन संयंत्र

12.1 कुसुन्दा (बी० सी० सी० एल०) में एक पैल्लेट संयंत्र एवं सवांग (सी० सी० एल०) में बिकेटिंग संयंत्र, निम्न श्रेणी के कोकिंग कोयला तथा स्लैक कोयले का उपयोग कर घरेलू उपयोग के लिए उपयुक्त धूम्रहीन ईंधन का निर्माण कर रही हैं।

12.2 मुगमा (ई० सी० एल०) में यंत्रचालित साफ्ट कोक बनाने के संयंत्र का परीक्षण किया जा रहा है तथा डानकुनी में एक निम्नताप (लो टेपरेचर) कार्बोनाइजेशन संयंत्र का निर्माण पहले ही शुरू हो चुका है। इसके चालू होने के बाद एक हजार टन से ज्यादा धूम्रहीन घरेलू कोक व 18 लाख क्यूबिक फीट से अधिक टाउन-गैस प्रतिदिन कलकत्ता व हावड़ा के लिये आपूर्ति किया जायेगा, जो कि महानगरीय क्षेत्र में वायुमण्डलीय प्रदूषण के स्तर को कम करने में सहायक होगी। इनके बावजूद संयंत्र से प्राप्त तारकोल व लिकर को संशोधन प्रक्रिया द्वारा विभिन्न प्रकार के तेल एवं रासायनिक द्रव्य जैसे — फिनाइल,

क्रिसोल, जाइलेनाल और उच्च क्वथनांक का तारकोल अम्ल प्राप्त किया जायेगा।

विकास परियोजना

13. 1978-79 के 34 पूंजी योजनाओं के बदले आलोच्य वर्ष में 51 पूंजी योजनाओं का संशोधन/प्रसारण आपकी कंपनी द्वारा अनुमोदित किया गया। स्वीकृत योजनाओं का विवरण निम्न है :

अनुषंगियों के नाम	परि- योजना	परियोजनाओं का प्रसारण/संशोधन	वाशरी	अन्य	कुल
ई सी एल	3	1	—	2	6
बी सी सी एल	8	2	—	1	11
सी सी एल	4	5	3	6	18
डब्लू सी एल	7	5	—	2	14
एन ई सी	1	1	—	—	2
कुल	23	14	3	11	51

पूंजी व्यय

14. कोल इण्डिया और इसकी अनुषंगियों द्वारा 1979-80 में 261.91 करोड़ रुपये पूंजी व्यय की गयी। कुछ प्रधान योजनाओं पर 1979-80 तक का व्यय एवं अनुमोदित योजना लागत तथा लक्ष्य क्षमता का विवरण निम्न है :

परियोजना का नाम	अनुमोदित परियोजना लागत	लक्ष्य क्षमता मिलियन टन में	1979-80 तक का खर्च (करोड़ रुपयों में)
1	2	3	4

(अ) ईस्टर्न कोलफील्ड्स लिमिटेड

चीनाकड़ी I और II	9.82	1.00	6.81
धेमोमेन	11.95	1.00	6.40
निन्धा	15.25	1.60	4.74
अमृतनगर	10.85	1.14	3.88
रातीबाती	9.94	0.90	1.81
कोट्टाडीह	7.66	0.87	3.90
नार्थ सियरसोल	9.92	1.16	1.26
सातग्राम	26.37	1.20	1.33
जे० के० नगर	15.18	0.86	0.22
बहुला	11.36	1.20	0.04
राजमहल	87.43	5.00	0.08

(ब) भारत कोकिंग कोल लिमिटेड

कुसुण्डा ओ सी पी	11.85	1.00	10.10
सुदामडीह	74.85*	1.17	61.88
मूनीडीह	90.74*	2.10	64.64
गोलकुडीह	7.68	0.72	4.74
पूतकी बालीहारी	12.50	3.00	0.96
नार्थ अमलाबाद	26.18	0.72	0.20

1	2	3	4
वासरी			
सुदामडीह	15.40	2.00**	14.10
मूनीडीह	16.39	2.00**	12.53

(स) सेन्ट्रल कोलफील्ड्स लिमिटेड

रामगढ़ ओ० सी	41.86	3.00	6.85
सवांग आर० ओ०	9.26	0.80	6.20
केदला यू० जी०	9.75	1.00	2.96
जयंत ओ० सी०	77.37	6.00	27.58
बीना ओ० सी०	56.91	4.50	18.98
नन्दीरा	6.40	0.65	5.06
झिगुर्दा	24.87	3.00	19.92
सिर्नी ओ० सी०	13.11	1.00	6.23
के० डी० हेसालांग	14.44	1.50	4.21
डक्रा	10.12	1.30	8.43
तालचर आर. ओ.	16.08	1.30	3.48
क० रो स्पेशल मेन	5.56	0.50	1.11
केदला ओ. सी.	17.30	1.00	5.69
आरा	15.60	1.00	2.71
काकरी	50.54	2.50	0.63
रामगढ़ वाशरी	25.77	3.00**	2.78
केदला वाशरी	32.27	2.60	0.95

(द) वेस्टर्न कोलफील्ड्स लिमिटेड

राजगमार	9.58	0.72	8.96
भाटगांव	10.42	1.00	3.39
कुसुण्डा	76.83	6.00	17.84
सोभापुर	10.60	0.95	3.80
एन सी पी एच आर/ओ	8.36	1.15	1.55
नन्दन	7.54	0.60	4.69
रामनगर आर/ओ	7.65	0.72	1.74
राजनगर आर/ओ	10.58	1.00	0.83
चुर्चा एक्सपान	7.98	1.00	3.02
दुर्गापुर	34.65	1.80	3.33
न्यू माजरी ओ/सी	14.97	1.00	7.19
चीरीमिरी ओ/सी	18.71	1.00	9.02
उमरेर एक्सपान	21.00	1.84	13.34
गेवरा ओ/सी	50.08	6.00	0.34
धानपुरी ओ/सी	24.09	1.50	3.51
राजनगर ओ/सी	12.43	1.00	2.74

*संशोधित खर्च सरकारी अनुमोदन के बिचाराधीन है।

** कच्चा कोयला।

भुरक्षा

15. आलोच्य वर्ष में अनुषंगियों की खदानों में मृत्यु एवं गंभीर रूप से घायलों की संख्या में भरपूर कमी हुई। अनुषंगी/डिविजन क्रम से 1978-79 एवं 1979-80 में मृत्यु एवं गंभीर दुर्घटनाओं के विवरण नीचे दिए गये हैं :

अनुषंगी/डिविजन	मृत्यु की संख्या		वृद्धि (+)/ह्रास (-)	
	1978-79	1979-80		
ई सी एल	25	38	(+)	13
बी सी सी एल	52	30	(-)	22
सी सी एल	29	16	(-)	13
डब्लू सी एल	36	36		—
एन ई सी	18	4	(-)	14
कुल	160	124	(-)	36

अनुषंगी/डिविजन	गंभीर रूप से आहतों की संख्या		वृद्धि (+)/ह्रास (-)	
	1978-79	1979-80		
ई सी एल	234	147	(-)	87
बी सी सी एल	263	229	(-)	34
सी सी एल	123	70	(-)	53
डब्लू सी एल	405	464	(+)	59
एन ई सी	7	9	(+)	2
कुल	1032	919	(-)	113

उत्पादकता

16. समग्र ओ० एम० एस०, 1978-79 के स्तर पर ही कायम रहा। बिजली की तीव्र कमी के फलस्वरूप ई० सी० एल० में कम उत्पादन हुआ, जिससे ओ० एम० एस० भी प्रभावित हुआ। अनुषंगी क्रम से 1978-79 तथा 1979-80 का ओ० एम० एस० निम्न है :

अनुषंगी/डिविजन	ओ एम एस	
	1978-79	1979-80
बी सी सी एल	0.56	0.57
ई सी एल	0.51	0.48
सी सी एल	0.86	0.92
डब्लू सी एल	0.88	0.90
एन ई सी	0.53	0.54
कुल	0.67	0.67

श्रमशक्ति

17.1 आलोच्य वर्ष में आपकी कंपनी तथा इसकी अनुषंगियों की श्रमशक्ति में 9169 की वृद्धि हुई। महत्वपूर्ण वृद्धि वेस्टर्न कोलफील्ड्स लिमिटेड में हुई। यह वृद्धि गत वर्ष की तुलना में, 1979-80 के

विकास कार्यक्रमों में अधिकता के फलस्वरूप हुई। पिछले वर्ष की तुलना में, आलोच्य वर्ष में वेस्टर्न कोलफील्ड्स लिमिटेड के उत्पादन में 1.9 मिलियन टन की वृद्धि हुई। वेस्टर्न कोलफील्ड्स लिमिटेड का ओ० एम० एस० 1978-79 में .88 की तुलना में, आलोच्य वर्ष में .90 हो गया।

17.2 अनुषंगी/डिविजन क्रम से कुल श्रमशक्ति के आंकड़े इस प्रकार हैं :

अनुषंगी/डिविजन	श्रम शक्ति 1 अप्रैल तक	
	1979	1980
सी आई एल	616	612
बी सी सी एल	1,67,090	1,68,868
ई सी एल	1,85,676	1,85,422
सी सी एल	1,10,549	1,10,841
डब्लू सी एल	1,20,356	1,27,641
एन ई सी	4,764	4,642
सी एम पी डी आई एल	2,494	2,670
कुल	5,91,527	6,00,696

प्रशिक्षण

18. आलोच्य वर्ष में आपकी कंपनी ने प्रशिक्षण तथा विकास कार्यों पर विशेष बल दिया। प्रशिक्षण का लक्ष्य तकनीकी, निरीक्षण-आत्मक तथा प्रबंधकीय विषयों में प्रवीणता प्राप्त करना था। कोल इण्डिया तथा इसकी अनुषंगियों द्वारा विभिन्न प्रशिक्षण कार्यक्रमों के अन्तर्गत व्यवस्थित व्यक्तियों की संख्या निम्न है :

अनुषंगी/डिविजन	प्रशिक्षण		
	अन्तर्कंपनी	बाह्य	कुल
सी आई एल	26	4	30
बी सी सी एल	30,128	312	30,440
ई सी एल	17,995	360	18,355
सी सी एल	11,513	444	11,957
डब्लू सी एल	14,498	205	14,703
सी एम पी डी आई एल	—	2	2
कुल	74,160	1,327	75,487

पूँजी संरचना

19. आलोच्य वर्ष के दौरान कंपनी की प्राधिकृत पूँजी 750 करोड़ रुपये से बढ़कर 1000 करोड़ रुपये हो गयी। 31 मार्च, 1980 को आपकी कंपनी की अभिवृद्ध तथा प्रदत्त पूँजी 717.86 करोड़ रुपये थी। भारत सरकार को जारी जारी किये गए साम्य ग्रंथ (इक्विटी शेयर) 246.17 करोड़ रुपये के थे, जिसके भुगतान रोकड़ में नहीं हुए जबकि शेष 471.69 करोड़ रुपये रोकड़ भुगतान के थे।

सरकार से ऋण

20. आलोच्य वर्ष में सरकार से कुल 175.07 करोड़ रुपये ऋण के रूप में प्राप्त हुए थे। 31 मार्च, 1980 तक कुल ऋण 925.14 करोड़ रुपये थे, जिसमें 87.28 करोड़ रुपये का उपार्जित तथा देय व्याज भी शामिल है। नन-प्लान ऋणों पर सरकार ने 32.15 करोड़ रुपयों की आधिक अनुदान दी।

कार्य परिणाम

21.1 आलोच्य वर्ष के दौरान सी० एम० पी० डी० आई० एल० की मूल्य नीति "न लाभ, न हानि" के आधार पर, कंपनी के काम करने के बजाय, वाणिज्यिक दिशा में काम करने के उद्देश्य से पुनरीक्षण किया गया। इस नीति के संबंध में योजना तथा रूपांकन कार्य के लिये प्रति इंजीनियर प्रतिदिन और प्रति मीटर अन्वेषण कार्य के लिये एक समान दर का अंगीकरण किया गया।

21.2 आलोच्य वर्ष में सेंट्रल कोलफील्ड्स लिमिटेड, वेस्टर्न कोलफील्ड्स लिमिटेड तथा सेंट्रल माइन प्लानिंग एण्ड डिजाइन इंस्टीट्यूट लिमिटेड ने लाभ दिखाया जबकि आपकी कंपनी, भारत कोकिंग कोल लिमिटेड तथा ईस्टर्न कोलफील्ड्स लिमिटेड घाटे पर थे।

21.3 राष्ट्रीय कोयला वेतन समझौता-II के 1.1.1979 से लागू होने के बावजूद भी कोयले के विक्रय मूल्य में केवल 17 जुलाई, 1979 से ही संशोधन हो सका जिसका पूरा प्रभाव 1979-80 के वित्तीय वर्ष पर पड़ा लेकिन सेंट्रल कोलफील्ड्स लिमिटेड तथा वेस्टर्न कोलफील्ड्स लिमिटेड में ओ० एम० एस०, वेतन वृद्धि के परिणामस्वरूप पड़ने वाले आर्थिक दबाव की तुलना में अधिक होने के कारण ये दोनों कंपनियां लाभ की स्थिति में पहुंच सकीं। वेस्टर्न कोलफील्ड्स लिमिटेड की अण्डरग्राउण्ड खदानों में ओ० एम० एस०, काम करने के आसान परिसरों तथा साथ ही उनके लोडरों की परंपरागत उच्च उत्पादकता के फलस्वरूप तुलनात्मक रूप से अधिक है। यद्यपि वेस्टर्न कोलफील्ड्स लिमिटेड की ओपेनकास्ट खदानों की उत्पादकता सेंट्रल कोलफील्ड्स की तुलना में कम है, लेकिन भारत कोकिंग कोल लिमिटेड तथा ईस्टर्न कोलफील्ड्स लिमिटेड की तुलना में काफी अधिक है। सेंट्रल कोलफील्ड्स लिमिटेड में श्रमिकों की उच्च उत्पादकता का प्रधान श्रेय वहां की यंत्रीकृत ओपेनकास्ट खदानों की उत्पादन रचना को जाता है। इसके बावजूद, ये दोनों कंपनियां 1978-79 की तुलना में 1979-80 में अपने उत्पादन को बढ़ाने में सक्षम हो सकीं।

21.4 बिजली की प्राप्ति की कमी की अवरित समस्या के फलस्वरूप ईस्टर्न कोलफील्ड्स लिमिटेड की खदानों में 1978-79 की तुलना में 1979-80 में उत्पादन कम हुआ। बिजली की कमी के बावजूद भारत कोकिंग कोल लिमिटेड गत वर्ष की तुलना में 1979-80 में अपने उत्पादन को बढ़ा सकी। अण्डरग्राउण्ड खदानों से उत्पादन की प्रधानता तथा दुष्कर खनन परिसरों के परिणामस्वरूप इन दोनों कंपनियों का ओ० एम० एस० कम हुआ। परिणामस्वरूप वेतन संशोधन का प्रभाव इन दोनों कंपनियों पर तुलनात्मक रूप से अधिक

पड़ा और विक्रय मूल्य में वृद्धि, (जोकि केवल वर्ष के मध्य में ही लागू हो सकी), वेतन संशोधन तथा अन्य निवेशों के मूल्य में वृद्धि के फल-स्वरूप उत्पादन लागत में वृद्धि के प्रभाव को आत्मसात न कर सकी। इसके परिणामस्वरूप 1979-80 में इन दोनों कंपनियों में हानियों का परिणाम अधिक रहा।

21.5 आपकी कंपनी तथा इसकी अनुषंगियों का कार्य-परिणाम निम्न है :

अनुषंगी/डिविजन	करोड़ रुपयों में	
	*लाभ/हानि 1979-80 में	1979-80 तक उपचयी लाभ/हानि
सी आई एल	(—) 1.8473	(—) 113.1722
ई सी एल	(—) 81.1720	(—) 278.3830
बी सी सी एल	(—) 45.2969	(—) 248.6680
सी सी एल	(+) 35.0633	(+) 0.0402
डब्लू सी एल	(+) 5.0938**	(—) 96.4897
सी एम पी डी आई एल	(+) 0.1029	(+) 0.0449
कुल	(—) 88.0562	(—) 736.6278

* पूर्ववर्ती अवधि के समायोजन को छोड़कर।

** 5.82 करोड़ रुपये का निवेश भत्ता परिव्यय के रूप में नियत करने के पूर्व।

राष्ट्रीय कोयला वेतन समझौता-II

22.1 राष्ट्रीय कोयला वेतन समझौता-II को अंतिम रूप देकर 1 जनवरी, 1979 से इसे कार्यान्वित किया गया। आलोच्य वर्ष में कंपनी तथा इसकी अनुषंगियों के खाते में समझौते के परिणामस्वरूप खर्च में वृद्धि को पूर्णरूप से प्रतिबिंबित किया गया है। आलोच्य वर्ष में वेतन समझौता के अलावा अन्य सुविधाओं, जैसे — कर्मचारियों को 4 साल पर छुट्टी यात्रा रियायत की सुविधा, ऋण की सुविधा, जीवन सुरक्षा योजना, इत्यादि लागू हुई। इनका कुल परिणाम, कंपनी पर प्रत्येक वर्ष 150 करोड़ रुपयों का भार पड़ेगा।

22.2 1 फरवरी, 1979 से आपकी कंपनी के अधिकारियों के वेतन तथा अन्य सुविधाओं में भी पुनरीक्षण हुआ। 1979-80 वर्ष में कंपनी तथा इसकी अनुषंगियों के खाते में इस वृद्धि के प्रभाव को पूर्णरूप से प्रतिबिंबित किया गया है। वेतन वृद्धि तथा अन्य सुविधाओं का कुल असर कंपनी पर 3 करोड़ रुपये पड़ा।

औद्योगिक सम्बन्ध

23. यद्यपि इस वर्ष भी श्रमिक संघों की बाहुल्यता तथा उनके आपसी द्वन्द कोयला क्षेत्र में औद्योगिक अशांति के प्रधान कारण बने, आखिरकार सभी संबंध पक्षों द्वारा किए गए संयुक्त प्रयास के परिणामस्वरूप हड़तालों की संख्या में 1978-79 के 678 की तुलना में 1979-80 में 608 की मामूली कमी आयी फलस्वरूप 1978-79 के 12.21 लाख की तुलना में 1979-80 में 6.36 लाख श्रम दिवसों की हानि तथा

उत्पादन हानि 10.70 लाख टन से घटकर 5.90 लाख टन हो गया। अनुषंगी क्रम से विवरण निम्न है :

	हड़तालों की संख्या		श्रम दिवसों की क्षति		उत्पादन में क्षति	
	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
			(लाख में)		(लाख टन में)	
ई सी एल	327	262	3.61	1.95	3.10	1.24
बी सी सी एल	139	174	4.63	1.79	3.44	1.79
सी सी एल	94	75	1.21	0.40	1.22	0.39
डब्लू सी एल	116	97	2.72	2.22	2.92	2.48
एन ई सी	1	—	0.04	—	0.02	—
सी एम पी डी आई एल	1	—	—	—	—	—
कुल	678	608	12.21	6.36	10.70	5.90

कानून व व्यवस्था

24. आलोच्य वर्ष में कानून व व्यवस्था की घटनाएं 1978-79 के 741 की तुलना में 709 थीं, इस तरह स्थिति में मामूली सुधार हुआ। अनुषंगी क्रम से विवरण निम्न है :

अनुषंगी/डिविजन	घटनाओं की संख्या		1978-79 की तुलना में % वृद्धि(+)/ह्रास (-)	
	1978-79	1979-80		
ई सी एल	301	235	(—)	21.93
बी सी सी एल	194	217	(+)	11.86
सी सी एल	142	108	(—)	23.94
डब्लू सी एल	104	147	(+)	41.35
एन ई सी	—	5	(+)	500.00
कुल	741	712	(—)	3.91

कल्याण एवं सामाजिक सुविधाएँ

25. कोयला उद्योग श्रमिक प्रधान उद्योग है। आपकी कंपनी के श्रमिकों को संकटमय परिसरों में पृथक-पृथक स्थानों पर स्थित कोयला क्षेत्रों में काम करना पड़ता है। कोल इण्डिया तथा इसकी अनुषंगियों के कार्य शक्ति के कल्याण हेतु जीवन की मूल आवश्यकताओं जैसे — मकान, जल-प्रबंध तथा उनके बच्चों के लिए शिक्षा की सुविधा, इत्यादि को संभव सीमा तक मुहैया कराने के लिए पर्याप्त ध्यान दिया गया। पर, की गयी व्यवस्था न्यूनतम आवश्यकता से अब भी कम है। विवरण निम्न है :

	31 मार्च, 1979 तक	31 मार्च, 1980 तक
मकानों की सुविधा (मकानों की संख्या)	1,69,595	1,77,710
शैक्षणिक सुविधायें (विद्यालय एवं महाविद्यालयों की सं०)	560	565
जल-प्रबंध (जनसंख्या)	11,03,750	11,74,450

चिकित्सा सुविधा

26. कर्मचारियों का स्वास्थ्य भी एक मुद्दा है, जिसमें आपकी कंपनी सक्रिय रुचि ले रही है। 31 मार्च, 1980 तक 386 औषधालय, 46 अस्पताल, जिसमें 1422 शैय्याएँ, 185 अस्पताली गाड़ियाँ तथा 594 चिकित्सक (३७ विशेषज्ञों सहित) कर्मचारियों तथा श्रमिकों को चिकित्सा सुविधा प्रदान करने के लिए थे। वर्तमान में कंपनी प्रति 1000 कर्मचारियों पर 2.3 शैय्याएँ प्रदान कर रही है, जबकि 1982 के अंत तक यह लक्ष्य प्रति 1000 कर्मचारियों पर 6 शैय्याओं की है। इसके अतिरिक्त, कोल माइन्स वेलफेयर आर्गेनाइजेशन द्वारा पृथक चिकित्सा सुविधा प्रदान की जा रही है।

विक्रय मूल्य में संशोधन

27. भारत सरकार के अनुमोदन से कोयला/कोक के विक्रय मूल्य का जुलाई, 1979 से संशोधन किया गया, जोकि औसतन 36 रुपये प्रति टन वृद्धि हुई। बाजार में मुद्रा स्फीति की प्रबल स्थिति को मद्दे नजर रखते हुए भारत सरकार ने कोयला/कोक के मूल्य में 14 फरवरी, 1981 से 26.84 रुपये प्रतिटन की औसत मूल्य वृद्धि की पुनः अनुमति प्रदान की।

निदेशक मंडल

28.1 आलोच्य वर्ष में श्री राम नाथ शर्मा, कंपनी के निदेशक मण्डल के अध्यक्ष बने रहे और डा० के० ए० किनी और श्रीमती ओतिमा बोर्डिया निदेशक मण्डल के निदेशक नियुक्त किये गये। इस वर्ष में सर्वश्री एस० पी० गुगनानी, एस० के० बोस तथा पी० एम० बेलियप्पा निदेशक मण्डल से अवकाश ग्रहण किये।

28.2 आलोच्य वर्ष में निदेशक मण्डल की 6 बैठकें हुईं।

28.3 सर्वश्री आर० जी० महेन्द्रू, सी० एस० झा, डी० पी० गुप्ता, आर० पी० खोसला, आर० पी० सिंह, ए० रंगाचारी, एस० संतराम, श्रीमती ओतिमा बोर्डिया, डा० के० ए० किनी तथा डा० बी० एल० वढेरा कंपनी की संगम नियमावली के अनुच्छेद 33(डी)(3) की शर्तों के अनुसार, छठवीं आम वार्षिक बैठक में अवकाश ग्रहण करने वाले हैं, पर, कंपनी की संगम नियमावली के अनुच्छेद 33(डी)(3) की ही शर्तों के अनुसार, अवकाश प्राप्त निदेशक किसी सरकारी आदेश की अनुपस्थिति में, पुनर्नियुक्त किये जा सकते हैं।

आभार ज्ञापन

29.1 आपके निदेशक कंपनी तथा इसकी अनुषंगियों के हर स्तर के कर्मचारियों के प्रति उनकी कंपनी के लिए की गई सेवा के बदले में अपना सच्चा सम्मान प्रदर्शित करते हुए विश्वास करते हैं कि भविष्य में भी वे इसी तरह कंपनी तथा इसकी अनुषंगियों के कार्य सामर्थ्य को बढ़ाने में कठिन परिश्रम करेंगे।

22.2 आपके निदेशक भारत सरकार तथा राज्य सरकार के विभिन्न विभागों तथा अन्य उपक्रमों के सहयोग एवं मार्गदर्शन के प्रति आभार प्रदर्शन करते हैं।

29.3 आपके निदेशक भारत सरकार के कंट्रोलर और आडिटर जनरल (कोल) के वैधानिक आडिटर तथा अधिकारी एवं कर्मचारी वर्ग को उनकी सेवाओं के प्रति आभार प्रकट करते हैं।

परिशिष्ट

निम्नलिखित प्रपत्र संलग्न किये जा रहे हैं :

- (1) प्रतिमाह 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 1956 के प्रावधानों के साथ पढ़ा जाय।

कलकत्ता

24-6-81

- (2) भारत सरकार के कंट्रोलर और आडिटर जनरल की टिप्पणियाँ तथा पुनरीक्षण।
- (3) 1979-80 वर्ष के लिए वैधानिक आडिटर्स की टिप्पणियों का जवाब।
- (4) कंपनी अधिनियम, 1956 के अनुच्छेद 212(1)(ई) के अनुसार विवरण।

कोल इण्डिया लिमिटेड की ओर से
राम नाथ शर्मा
अध्यक्ष

Report of the Board of Directors for 1979-80

The Shareholders Coal India Limited

Gentlemen,

Your Directors have the pleasure in presenting the Seventh Annual Report on the working of your Company together with the audited statements of Accounts for the year ended 31st March, 1980, the report of the Statutory Auditors and the comments and review of the Comptroller and Auditor General of India thereon.

1.2 Your Company continued to hold fully-owned five Subsidiary Companies viz. (a) Central Mine Planning & Design Institute Limited; (b) Bharat Coking Coal Limited; (c) Eastern Coalfields Limited; (d) Central Coalfields Limited; and (e) Western Coalfields Limited.

1.3 The mines in Assam and its neighbouring areas continued to be managed directly by your Company.

1.4 To accommodate increased investment in your Company, the authorised capital of the Company was raised from Rs 750 crores to Rs 1000 crores. The authorised capital of two of the Subsidiary Companies, i.e. Bharat Coking Coal Limited and Western Coalfields Limited was also raised from Rs 150 crores to Rs 250 crores.

1.5 In order to improve marketing operations of the Company and its Subsidiary Companies, your Company has set up a Central Marketing Organisation as one of the wing of your Company which will have full responsibility for the Marketing activities of your Company and its Subsidiaries.

Production

2.1 Your Company during the year 1979-80, produced 91.44 million tonnes of coal which exceeded the last year production by 1.37 million tonnes. However, there was a shortfall of 2.98 million tonnes (3.3%) from the revised target of 94.42 million tonnes. The production could have been much better but for several constraints such as deterioration in power supply in Bihar and West Bengal coalfield, high rate of absenteeism especially in ECL and strained Industrial Relation and disturbed Law and Order position. Subsidiarywise losses of production due to these

factors during the year under review are indicated below :

Figures in million tonnes				
Subsidiary	Power	Absenteeism	Labour unrest	Total
ECL	2.83	3.49	0.20	6.52
BCCL	2.15	0.92	0.15	3.22
CCL	1.51	0.27	0.03	1.81
WCL	0.27	0.76	0.26	1.29
Total	6.76	5.44	0.64	12.84

Subsidiary/Divisionwise overall raw coal production during the year 1978-79 and 1979-80 are given below :

Figures in million tonnes			
Subsidiary/ Division	Production of raw coal		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
ECL	22.06	20.52	(—) 6.98
BCCL	19.73	20.08	(+) 1.77
CCL	23.43	24.15	(+) 3.07
WCL	24.23	26.13	(+) 7.84
NEC	0.62	0.56	(—) 9.68
Total	90.07	91.44	(+) 1.52

Coking Coal

2.2 The production of coking coal marginally dropped by 0.62 million tonnes i.e. 2.17% in comparison to the production of last year. The detail is indicated below :

Figures in million tonnes			
Subsidiary/ Division	*Production of coking coal		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
ECL	2.03	1.87	(—) 7.88
BCCL	16.74	16.60	(—) 0.84
CCL	8.95	8.87	(—) 0.89
WCL	0.80	0.56	(—) 30.00
Total	28.52	27.90	(—) 2.17

(* Includes coal declared as coking but used for non-metallurgical purpose)

Non-coking Coal

2.3 In spite of several constraints affecting production, the non-coking coal production was increased by 1.98 million tonnes, i.e. 3.22% over 1978-79 production. It may be observed from the table below that

except Eastern Coalfields Limited and NEC other Subsidiary Companies recorded improved production over their respective production in 1978-79. The production from NEC was also affected due to disturbed situation in the State of Assam during the second half of the year. The Subsidiarywise/ Divisionwise non-coking coal production is indicated below :

Figures in million tonnes

Subsidiary/ Division	Production of non-coking coal		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
ECL	20.03	18.64	(—) 6.94
BCCL	2.99	3.48	(+) 16.39
CCL	14.48	15.28	(+) 5.52
WCL	23.43	25.57	(+) 9.13
NEC	0.62	0.56	(—) 9.68
Total	61.55	63.53	(+) 3.22

Soft Coke

2.4 The soft coke production was increased to 2.41 million tonnes during the year under report recording a growth of 4.91% over the previous year production of 2.30 million tonnes. The Subsidiarywise/Divisionwise details are indicated below :

Figures in million tonnes

Subsidiary/ Division	Production of soft coke		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
ECL	1.04	1.078	(+) 3.65
BCCL	0.91	0.920	(+) 1.10
CCL	0.32	0.410	(+) 28.13
WCL	0.03	0.005	(—) 83.33
Total	2.30	2.413	(+) 4.91

Hard Coke

2.5 The production of hard coke marginally improved from 0.74 million tonnes to 0.76 million tonnes during the year 1979-80. The Subsidiarywise details are given below :

Figures in million tonnes

Subsidiary/ Division	Production of hard coke		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
ECL	0.01	0.01	—
BCCL	0.69	0.72	(+) 4.35
CCL	0.04	0.03	(—) 25.00
Total	0.74	0.76	(+) 2.70

Washed Coal

2.6 The production of washed coal dropped from the level of 8.43 million tonnes to 7.79 million tonnes during the year 1979-80. The drop in production

was mainly due to deterioration in power supply during 1979-80. Widespread load-shedding and frequent interruptions in supply affected severely both BCCL and CCL washeries.

2.7 The loss of production of washed coal due to frequent interruption in power supply alone went upto 1.12 million tonnes during the year against 0.69 million tonnes during the year 1978-79. The Subsidiarywise production of washed coal is indicated below :

Figures in million tonnes

Subsidiary/ Division	Production of washed coal		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
BCCL	4.52	4.28	(—) 5.31
CCL	3.71	3.34	(—) 9.97
WCL	0.20	0.17	(—) 15.00
Total	8.43	7.79	(—) 7.95

Utilisation of Opencast Machineries

3. The utilisation of capacity of HEMM during the year under review was more or less maintained on the same level as of last year. The overall capacity utilisation was of the order of 74.6% as against 74.8% in the previous year.

Off-take of Coal

4. Off-take of coal during the year 1979-80 was 3.34 million tonnes more compared to 1978-79. The off-take of coal during the year was 90.55 against an assessed demand of 102 million tonnes. The gap between the demand and supply was mainly due to inadequate transport facilities. The increase of off-take was from Central Coalfields Limited and Western Coalfields Limited whereas off-take from Eastern Coalfields Limited, Bharat Coking Coal Limited and North Eastern Coalfield was marginally lower. Subsidiarywise off-take of coal during the period indicating percentage of increase/decrease over previous year is shown below :

Figures in million tonnes

Subsidiary/ Division	Off-take of coal		% increase (+)/ decrease (—) over 1978-79
	1978-79	1979-80	
ECL	21.90	20.77	(—) 5.16
BCCL	19.60	19.33	(—) 1.38
CCL	21.96	23.94	(+) 9.02
WCL	23.13	25.95	(+) 12.19
NEC	0.62	0.56	(—) 9.68
Total	87.21	90.55	(+) 3.83

Despatch to Consumers

5.1 During the year under review 84.23 million tonnes of coal/coke and other products were despatched to different consumers against 81.29 million tonnes in 1978-79. Movement of coal and coke by Railway has progressively declined to 54.8 million tonnes from 57.3 million tonnes in 1978-79 and 63.0 million tonnes in 1977-78. The decline in movement of coal and coke by Railways was due to lower wagon availability. During the year under review your Company and its Subsidiaries offered for loading on an average 9979 wagons per day; Railways allotted on an average 7646 wagons per day but actually 7160 wagons were supplied and loaded. A significant feature of movement during 1979-80 was a record despatch of 23.28 million tonnes of coal by road as compared to 18.05 million tonnes in the previous year. The increase in the road movement was mainly due to non-availability of required number of wagons.

5.2 Despatch of coal/coke and other products to major consumers are indicated below :

Class of Consumer	Despatch		%increase (+)/ decrease (-) over 1978-79
	1978-79	1979-80	
Steel	14.21	14.01	(-) 1.41
Power Houses	26.40	30.71	(+) 16.33
Railways	10.79	10.70	(-) 0.83
Cement Plant	3.47	2.99	(-) 13.83
Paper Mills	1.79	1.53	(-) 14.53
Textile/Rayon Mills	2.32	2.06	(-) 11.21
Fertilizer Factories	1.65	1.83	(+) 10.91
Export	0.27	0.09	(-) 66.67
Others	20.39	20.31	(-) 0.39
Total	81.29	84.23	(+) 3.62

Planning

6. During the period under review the CMPDIL prepared 29 Feasibility Reports for 54.76 million tonnes of coal involving a total capital investment of of Rs 562 crores. Subsidiarywise details of projects prepared are given below :

Subsidiary/ Division	No. of Project	Capital (Rs Crores)	Capacity million tonnes per year
ECL	9	226	11.52
BCCL	6	57	0.99
CCL	4	158	35.35
WCL	10	121	6.90
Total	29	562	54.76

Mining Technology

7.1 In order to develop appropriate methods of mining for maximum recovery of coal at a faster rate with maximum safety and economy, CMPDIL was entrusted the task of introduction of modern technology suitable for the varying geo-mining conditions existing in the country. To facilitate choice in selection of areas/blocks on techno-economic consideration and/or to provide cushion for meeting any spurt in demand, CMPDIL has made provision for a "Shelf of Geological Reports" in respect of BCCL, WCL and CCL. Since detailed exploration in ECL has been taken up late in 1974-75, it has not been possible to provide a shelf of such reports.

7.2 Indo-French Seminar on Coal Mining and Coal Utilisation was organised by CMPDIL at Ranchi from April, 4th to 6th, 1979 which was very useful in identifying suitable French Technology on thick and steep seam mining and coal utilisation for application under varying geo-mining conditions existing in the country.

7.3 With a view to switch over to intensive Long-wall Mining, CMPDIL has initiated operations of experimental longwall faces with different mechanisation mix in all the Subsidiary Companies. Laboratory facilities for various research and development have been further strengthened by acquiring instruments for rock and coal testing of boreholes cores for uniaxial compressive strength and for determination of protodykonov strength index, equipment for float and sink tests for washability etc.

Foreign Collaboration

8. During the year under review major foreign collaboration agreements were entered into with USSR, UK, France and Poland etc. Collaboration agreements relating to shield mining in Makum coalfield and hydraulic mining in Baragolai and East Katras were under negotiation with M/s TSVETMETROMPORT and M/s KAISER RESOURCES LTD, of USSR and Canada respectively.

Geological Exploration

9. During the year under review, an average of 49 drills were deployed by the Company, in addition to 105 drills deployed by other agencies on contract. Total meterage of 193,107 was drilled and about 3633 million tonnes of reserves were estimated, out of which 3029 million tonnes (including 653 million tonnes of prime coal) were 'proved' and 604 million

tonnes were of 'indicated' category. Subsidiarywise details are given below :

Subsidiary/ Division	Reserve estimated		Total
	Proved	Indicated	
ECL	169	150	319
BCCL	1711	245	1956
CCL	590	118	708
WCL	559	91	650
Total	3029	604	3633

Research & Development

10.1 CMPDIL undertook a number of Research and developmental projects in respect of mining technology, exploration, mining electronics, coal utilisation and other allied services. Presently around 89 schemes are under different stages of completion. These are in addition to 9 R&D schemes already completed. The R&D schemes cover a wide area of interest like mining technology, strata control, mining electronics, allied engineering, exploration and utilisation of coal etc.

10.2 Besides mining technology, schemes under progress cover (a) Hydro-geological investigations; (b) Geo-physical logging in boreholes; (c) Determination of physico-mechanical properties of rock and coal; (d) Development of domestic Chullah; (e) Mechanised Soft Coke Making Plant; (f) Studies on formed coke making by DKS technology; (g) Remote sensing and radio telemetry of Damodar flood warning system etc., in the area of exploration, coal utilisation and mining electronics etc.

10.3 A laboratory with three wings viz. (i) Mining; (ii) Exploration; and (iii) Washery is also functioning under CMPDIL.

Coal Beneficiation

11.1 The existing washeries are being modified and renovated for better productivity and utilisation in order to meet the increasing requirements in terms of quantity and quality of washed coal for the steel plants. The schemes are in progress in Dugdai and II, Kargali and Kathara washeries. In Pathardih and Gidi washeries schemes are being implemented either by adding or increasing the capacity of the flotation cells for recovery of fines.

11.2 Sudamdih washery with an input capacity of 2 million tonnes has been commissioned recently. The present rate of washing is in the region of 400

to 500 tonnes per hour. Improvements have been made for recovery of fines by modification in the flotation system as well as rectifying the specific gravity control to avoid media loss.

11.3 The new washeries which are under construction are detailed below :

Washeries	Input capacity (M. Tonnes)	Expected year of completion
Moonidih	2.0	1981-82
Ramgarh	3.0	1981-82
Mahudah	0.6	1982-83
Barora	0.4	1981-82
Kedla	2.5	Preliminary work is in progress

Carbonization Plant

12.1 Work was continued in establishing smokeless fuels for domestic use which provided use of inferior grade of coking coal as well as slack coal at Pellet Plant at Kusunda (BCCL) and Briquetting Plant at Swang (CCL).

12.2 Trial run in the mechanised soft coke making plant at Mugma (ECL) has also started. Construction of the Low Temperature Carbonization Plant at Dankuni has already started. The Dankuni Plant will produce thousand tonnes of smokeless domestic coke and over 18 million cubic feet of town gas daily for Calcutta and Howrah which will help to lower the level of atmospheric pollution in the metropolitan area. It will also help replacing use of fuel oil in industrial furnaces. Besides these, tar and liquor obtained from the plant would be processed to obtain various grades of oil and chemicals like Phenol, Cresols, Xylenols and high boiling tar acids.

Development Project

13. Fifty one capital schemes including revision/expansion were approved by your Company during the year under review against thirty four schemes during the year 1978-79. The details of the schemes approved/sanctioned are given hereunder.

Name of the Subsidiary	Project	Expansion/ Revision Projects	Washeries	Other	Total
ECL	3	1	—	2	6
BCCL	8	2	—	1	11
CCL	4	5	3	6	18
WCL	7	5	—	2	14
NEC	1	1	—	—	2
Total	23	14	3	11	51

Capital Expenditure

14. During the year 1979-80, Rs 261.91 crores were incurred as capital expenditure by Coal India Limited and its Subsidiaries. Expenditure incurred upto 1979-80 on some of the major projects along with approved project cost and target capacity are given below :

Name of the Projects	Approved Project cost	Target capacity in m.t.	Expenditure upto 1979-80 (Rs in crores)
Eastern Coalfields Limited			
Chinakuri I&II	9.82	1.00	6.81
Dhemomain	11.95	1.00	6.40
Ningha	15.25	1.60	4.74
Amritnagar	10.85	1.14	3.88
Ratibati	9.94	0.90	1.81
Kottadih	7.66	0.87	3.90
North Searsole	9.92	1.16	1.26
Satgram	26.37	1.20	1.33
J K Nagar	15.18	0.86	0.22
Bahula	11.36	1.20	0.04
Rajmahal	87.43	5.00	0.08
Bharat Coking Coal Limited			
Kusunda OCP	11.85	1.00	10.10
Sudamdih	74.85*	1.17	61.88
Moonidih	90.74*	2.10	64.64
Golukdih	7.68	0.72	4.74
Pootkee Balihari	12.50	3.00	0.96
North Amlabad	26.18	0.72	0.20
Washery			
Sudamdih	15.40	2.00 **	14.10
Moonidih	16.39	2.00 **	12.53
Central Coalfields Limited			
Ramgarh OC	41.86	3.00	6.85
Swang RO	9.26	0.80	6.20
Kedla UG	9.75	1.00	2.96
Jayant OC	77.37	6.00	27.58
Bina OC	56.91	4.50	18.98
Nandira	6.40	0.65	5.06
Jhingurda	24.87	3.00	19.92
Sirka OC	13.11	1.00	6.23
K D Hesalong	14.44	1.50	4.21
Dakra	10.12	1.30	8.43
Talcher RO	16.08	1.30	3.48
Karo Special Main	5.56	0.50	1.11
Kedla OC	17.30	1.00	5.69
Ara	15.60	1.00	2.71
Kakri	50.54	2.50	0.63
Washery			
Ramgarh	25.77	3.00**	2.78
Kedla	32.27	2.60**	0.95

Name of the Project	Approved Project cost	Target capacity in m.t.	Expenditure upto 1979-80 (Rs. in crores)
Western Coalfields Limited			
Rajgamar	9.58	0.72	8.96
Bhatgaon	10.42	1.00	3.39
Kusmunda	76.83	6.00	17.84
Sobhapur	10.60	0.95	3.80
NCPH RO	8.36	1.15	1.55
Nandan	7.54	0.60	4.69
Ramnagar RO	7.65	0.72	1.74
Rajnagar RO	10.58	1.00	0.83
Churcha Expn.	7.98	1.00	3.02
Durgapur	34.65	1.80	3.33
New Majri OC	14.97	1.00	7.19
Chirimiri OC	18.71	1.00	9.02
Umrer Expn.	21.00	1.84	13.34
Gevra OC	50.08	6.00	0.34
Dhanpuri OC	24.09	1.50	3.51
Rajnagar OC	12.43	1.00	2.74

* Revised estimate are pending approval from Government

** Raw coal feed.

Safety

15. The number of fatalities and serious injuries had gone down substantially in the mines of Subsidiaries during the year under report. Subsidiarywise/ Divisionwise details for fatal and serious accidents for the year 1978-79 and 1979-80 are given below :

Subsidiary/Division	No. of Fatalities		Increase (+)/ decrease (-)
	1978-79	1979-80	
ECL	25	38	(+) 13
BCCL	52	30	(-) 22
CCL	29	16	(-) 13
WCL	36	36	—
NEC	18	4	(-) 14
Total	160	124	(-) 36
Subsidiary/ Division	No. of Serious Injuries		Increase (+) Decrease (-)
	1978-79	1979-80	
ECL	234	147	(-) 87
BCCL	263	229	(-) 34
CCL	123	70	(-) 53
WCL	405	464	(+) 59
NEC	7	9	(+) 2
Total	1032	919	(-) 113

Productivity

16. The overall OMS was maintained at the level of 1978-79. The OMS was affected due to low production in ECL as a result of severe power shortage. The Subsidiarywise OMS in respect of 1978-79 and 1979-80 are indicated below :

Subsidiary/ Division	O M S Tonnes	
	1978-79	1979-80
BCCL	0.56	0.57
ECL	0.51	0.48
CCL	0.86	0.92
WCL	0.88	0.90
NEC	0.53	0.54
Total	0.67	0.67

Manpower

17.1 Manpower of your Company and its Subsidiaries increased by 9169 during the year under review. The substantial increase was in WCL. This was due to increase in the development activities during the year 1979-80 as compared to preceding years. The production of WCL went up by 1.9 million tonnes i.e. 7.84% during the year over the preceding year. The OMS of WCL also went upto 0.90 as compared to 0.88 during the year 1978-79.

17.2 The Subsidiarywise/Divisionwise figures of the total manpower is indicated below :

Subsidiary/ Division	Manpower as on 1st April	
	1979	1980
CIL	616	612
BCCL	1,67,090	1,68,868
ECL	1,85,676	1,85,422
CCL	1,10,549	1,10,841
WCL	1,20,356	1,27,641
NEC	4,746	4,642
CMPDIL	2,494	2,670
Total	5,91,527	6,00,696

Training

18. Your Company laid emphasis on training and development activities during the year. The training was aimed at improving technical, supervisory and managerial skill. The number of persons covered under various training programme by Coal India and its Subsidiaries are given below :

	Training		Total
	In company	External	
CIL	26	4	30
BCCL	30,128	312	30,440
ECL	17,995	360	18,355
CCL	11,513	444	11,957
WCL	14,498	205	14,703
CMPDIL	—	2	2
Total	74,160	1,327	75,487

Capital Structure

19. During the year under report the authorised capital of the Company was raised from Rs 750

crores to Rs 1000 crores. The subscribed and paidup capital of your Company as on 31st March, 1980 at Rs 717.86 crores. The equity shares includes Rs 246.17 crores shares issued to the Government of India for consideration other than cash and the balance of Rs 471.69 crores against cash.

Borrowings from Government

20. During the year under report a net amount of Rs 175.07 crores was received from Government towards loan. The total loan as on 31st March, 1980 stood at Rs 925.14 crores including Rs 87.28 crores of interest accrued and due. A subsidy of Rs 32.15 crores was allowed by the Government on the non-plan loans.

Working Results

21.1 During the year under review the pricing policy of the CMPDIL was reviewed to bring the Company working on a commercial line instead of working on "No profit No loss" basis. In terms of this policy uniform rate per engineer day for planning and designing services and the rate per meter for exploration services have been adopted.

21.2 Central Coalfields Limited, Western Coalfields Limited and Central Mine Planning and Design Institute Limited had disclosed profit, whereas your Company, Bharat Coking Coal Limited and Eastern Coalfields Limited had incurred losses during the year under report.

21.3 Despite the fact that the selling price of coal was revised only w.e.f. 17th July, 1979 and the revision of wages as a result of NCWA II was made effective from 1.1.1979 having full impact during the financial year 1979-80, CCL and WCL were able to earn profit during the year in view of the fact that the impact of wage revision in these two companies was comparatively lower due to OMS being comparatively high. Underground mines in WCL have comparatively high OMS due to easy working conditions as well as conventional higher productivity of their loaders. Composition of output from opencast mines in WCL, although lower compared to CCL, is substantially higher than BCCL and ECL. Higher productivity of workers in CCL is mainly attributable to high composition of output from mechanised opencast mines. Besides, these two companies were able to increase their output during the year 1979-80 as compared to the year 1978-79.

21.4 Due to continued problem of non-availability of adequate power, production from mines in ECL was

lower during the year 1979-80 as compared to 1978-79. In spite of the shortage of power, BCCL could improve its output in 1979-80 marginally compared to the previous year. The OMS in these two companies continued to be low due to predominance of production from underground mines and also low OMS of underground mines resulting from difficult mining conditions. As a result, the impact of wage revision in these two companies has been comparatively higher and the increase in selling price, which was effective only from the part of the year, could not fully absorb the impact of wage revision as well as increase in cost of production due to escalation in price of other inputs. This resulted in substantial losses in these two companies during the year 1979-80.

21.5 The working results of your Company and its Subsidiaries are as follows :

CIL Subsidiary	*Profit/Loss during 1979-80	Cumulative Profit/Loss upto 1979-80
CIL	(—) 1.8473	(—) 113.1722
ECL	(—) 81.1720	(—) 278.3830
BCCL	(—) 45.2969	(—) 248.6680
CCL	(+) 35.0633	(+) 0.0402
WCL	(+) 5.0938@	(—) 96.4897
CMPDIL	(+) 0.1029	(+) 0.0449
Total	(—) 88.0562	(—) 736.6278

* Excluding prior period adjustment @ Before charging Rs. 5.82 Crores for creating Investment Allowance Reserve.

National Coal Wage Agreement-II

22.1 National Coal Wage Agreement-II was finalised and implemented from 1st January, 1979. The impact of the Agreement has been fully reflected in the Accounts of the Company and its Subsidiaries during the year under review. In addition to wage settlement other benefits viz. 4 year LTC benefit to the employees, leave benefit, life cover scheme etc, have also come into force during the year under review. The total impact on the out-flow estimated to be around Rs 150 crores.

22.2 The salary and other benefits of the executives of your Company were also revised w.e.f. 1st February, 1979. The impact has been fully reflected in the accounts of your Company and its Subsidiaries for the year 1979-80. The total impact of the increase of salary and other benefits estimated to be around Rs 3 crores.

Industrial Relation

23. Although during the year, the multiplicity of Trade Unions and intra-union rivalries constituted

major factors for disturbing industrial harmony in the coalfields, yet with the concerted effort made by all concerned there was a reduction in the number of strikes from 678 in 1978-79 to 608 in 1979-80 leading to substantial decrease in the number of mandays lost from 12.21 lakhs in 1978-79 to 6.36 lakhs in 1979-80 and decrease in the loss of production from 10.70 lakh tonnes to 5.90 lakh tonnes. Subsidiarywise details are as under :

Subsidiary Division	No. of Strikes		Mandays Loss		Production Loss	
	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
			(in lakh)		(in lakh tonnes)	
ECL	327	262	3.61	1.95	3.10	1.24
BCCL	139	174	4.63	1.79	3.44	1.79
CCL	94	75	1.21	0.40	1.22	0.39
WCL	116	97	2.72	2.22	2.92	2.48
NEC	1	—	0.04	—	0.02	—
CMPDIL	1	—	—	—	—	—
Total	678	608	12.21	6.36	10.70	5.90

Law and Order

24. During the year under review there were 709 incidents of law and order in comparison to 741 incidents in the year 1978-79, thus indicating slight improvement in the position. The Subsidiarywise details are as under :

Subsidiary Division	No. of Incidents		% Increase (+) Decrease (—) over 1978-79
	1978-79	1979-80	
ECL	301	235	(—)21.93
BCCL	194	217	(+)11.86
CCL	142	108	(—)23.94
WCL	104	147	(+)41.35
NEC	—	5	(+)500.00
Total	741	712	(—)3.91

Welfare and Social Amenities

25. Coal industry is labour intensive. The workers of your Company are required to work in hazardous working conditions in the coalfields which are located in isolated places. Attention on the welfare of the working forces of Coal India and its Subsidiaries have been given by providing them with basic necessities of life viz. houses, sanitation, water supply and educational facilities for their children etc. The arrangements made still fall short of minimum needs. The details are as follows :

	As on 31st March, 1979	As on 31st March, 1980
Housing facilities (No. of houses)	1,69,595	1,77,710
Educational facilities (No. of schools & Colleges)	560	565
Water Supply (Population)	11,03,750	11,74,450

Medical Facilities

26. The employees' health is also an area in which your Company is taking active interest. As on 31st March, 1980 there were 386 Dispensaries, 46 Hospitals with 1422 beds, 185 Ambulance vans and 594 Doctors (including 37 specialists) to provide medical facilities to the employees and workers. Presently, the industry provided 2.3 beds per 1000 workers as against the target of 6 beds per 1000 workers by the end of the year 1982. In addition to this, separate medical facilities are being provided by the Coal Mines Welfare Organisation.

Revision of Sale Price

27. The sale price of coal/coke was revised from July, 1979 with the approval of the Government of India, the average increase was to Rs 36/- per tonne. Keeping in view of the inflationary condition prevailing in the market, the Government of India have allowed a further revision of selling price of coal/coke at the average rate of Rs 26.84 per tonne w.e.f. 14th February, 1981.

Board of Directors

28.1 During the period under review Shri R N Sharma continued to be the Chairman of the Board of Directors of the Company and Dr K A Kini and Smt Otima Bordia were appointed as Directors on the Board. S/Shri S P Gugnani, S K Bose and P M Belliappa retired from the Board during the period under review.

28.2 Six meetings of the Board of Directors of the Company were held during the period under report.

28.3 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, R P Khosla, R P Singh, A Rangachari, S Santhanam, Smt Otima Bordia, Dr K A Kini and Dr B L Wadehra will retire at the Sixth 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 reappointed in absence of any contrary direction from the Government.

Acknowledgement

29.1 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.

29.2 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.

29.3 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).

Addendum

30. 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 3000/- 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 1979-80.

(iv) Statement pursuant to Section 212(i)(e) of the Companies Act, 1956.

For and on
Behalf of Coal India Limited

R N Sharma
Chairman

Dated
Calcutta, the 24th June 1981

ADDENDUM TO DIRECTORS' REPORT
Statement Pursuant to Section 217 (2A) of the Companies Act, 1956
(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
(A) Employed through out the Financial Year 1979-80						
1.	Shri R N Sharma	Chairman	65,104	Graduate in Mining Engg. (AISM) 1st Class Colly. Manager's Certificate of competency. Training in Management & SCL Hyderabad, Tata Management Centre, Poona. AIIMA, Ahmedabad.	27.1.79	CMD, BCCL
2.	Shri K P Mukherji	Director (Commercial)	60,659	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.
3.	Shri H Srinivasan	Chief of Engg. & Equip. Division	49,500	B E (Mech.)	12.7.73	Chief Engineer (Excavation), NCDC
4.	Shri S K Ghose	Chief Material Manager	42,389	Sr Chambridge, Genel. Cert. of Education Adv. level. B A (Oxford)	1.8.73	Bengal Coal Co. Ltd.
5.	Shri J M Kapur	Dy Chief Finance Manager	36,923	B Com, ACA	26.5.76	ECL
6.	Shri P K Sengupta	Dy Chief Finance Manager	37,603	B Com, ICWA	22.6.78	BCCL
7.	Shri N R Paramahansa	Manager Legal	37,254	BA, L lb, L lm, DAL	7.10.76	FCI
8.	Shri M P Narayanan	Chief of Commercial Division	41,428	1st Class Colly. Manager's Cert. of Competency.	1.8.75	NCDC Ltd.
9.	Shri B Kanungo	General Manager (Trans.)	41,309	BA (Economics)	9.8.76	BCCL
10.	Shri T K Deb	Addl Chief Sales	41,617	Degree in Mining Engineering 1st Class Colly. Manager Cert.	13.10.77	NCDC Ltd.
11.	Shri R Barua	Manager (MD)	40,447	BA (Hons.), Postgraduate Diploma in Management	3.3.75	GKW
12.	Shri P K Ghosh	General Manager (EE)	40,268	AISM, AMI Min. (UK), 1st Class Colliery Manager Cert.	12.9.75	ECL
13.	Shri A K Dutta	Addl CME	37,437	B Sc (Hons.), 1st Class Colly. Manager's Certificate of Competency	30.6.76	NCDC Ltd.
14.	Shri K A Sinha	General Manager	48,198	B Sc (Mining Engg.) (BHU) AMIE (UK), 1st Class Managership from UK & India.	May, 1973	NCDC Ltd.
15.	Shri S N Bhatt	Dy CME, Sub-Area Manager	46,455	BA, B Sc (Mining) Wales, 1st Class Managership Certificate.	July, 1973	Taken over from AR & T Co. Ltd.
16.	Shri S S Parmar	Supdt. (Mines)/Project Officer	41,516	B Sc (Mines), AISM(Mines), 1st Class Managership Cert.	1.7.73	-do-
17.	Shri D N Gosswami	Dy Chief Personnel Manager	39,949	BA, LLB.	-do-	-do-

1	2	3	4	5	6	7
18.	Shri I Gogoi	Supdt. Engineer/ Dy Chief Engineer	43,730	1st Class Mining Engineer (MOT) C Eng. F I Mar. E (UK)	1.7.73	Taken over from AR & T Co. Ltd.
19.	Shri M N Jha	Colliery Manager/ Supdt. (Mines)	40,330	B Sc (Part) (Mines), AIM, 1st Class Managership Cert.	8.7.73	-do-
20.	Shri S Banerjee	-do-	41,308	B E (Mining)	July, 1973	-do-
21.	Dr M C Khaund	Asstt. Medical Officer/ Dy Medical Superintendent	39,998	MBBS	-do-	-do-

(B) Employed part of the Financial Year (1979-80)

1.	Shri P C Ahluwalia	Chief of Project Monitoring	21,575	B Sc, AISM, 1st Class	25.1.79	WCL
2.	Shri S D Chandra	Chief of Personnel Division	32,816	AISM, 1st Class Mine Managers' Certificate of Competency.	1.8.75	ECL
3.	Shri K K Kapil	Chief Mining Engineer	42,722	AISM, 1st Class Colly. Mana- ger's certificate of competency	1979	ECL
4.	Shri S B Sarkar	Dy Chief Sales Manager/ Sales Manager (Tech.)	30,136	B Sc, B Ch. E D I C (London)	1.4.75	Coal Board
5.	Shri U K Raja Rao	Chief of Production and Safety Division	16,395	Diploma in Mining, 1st Class Class Colly. Manager's Certificate of Competency	1.8.1979	CCL
6.	Shri P C Biswas	Dy CME	15,005	B Sc (Mining), 1st Class Certificate of Competency	26.11.79	WCL
7.	Shri Rana S J B Singh	Secretary	3,051	BA, BL, ACA, ACIS, ACS	1.8.79	BCCL
8.	Shri B R Prasad	Colliery Manager/ Supdt. (Mines)	36,245	B Sc (Hons.) Mining Engg. AISM, 1st Class Managership Certificate	July, 1979	ECL
9.	Shri S S Salodkar	Dy CME	9,106	B Sc, AISM, 1st Class Certifi- cate Mine Surveyer's Certifi- cate of Competency	7.11.79	BCCL
10.	Shri Bhaskaran	Colliery Manager/ Supdt. (Mines)	20,628	B Sc (Mines), AISM, 1st Class Managership Certificate	July, 1973	Taken over from AR & T Co. Ltd.

* Remuneration includes salary, allowances and perquisites.

**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
enden 31st March, 1979**

I am to state that there are no comments upon the Auditors' Report under Section 619(4) of the Companies Act, 1956 on the accounts of Coal India Ltd. for the period ended 31st March, 1980.

Calcutta,
Dated : 3rd March, 1981

K Ram Mohan
*Member, Audit Board & Ex-Officio
Director of Commercial Audit (Coal)*
CALCUTTA

Review of Accounts of Coal India Limited

for the year ended 31st March, 1980 by the Indian Audit & Accounts Department

1. Financial Position

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

	(Rs in lakhs)		
	1977-78	1978-79	1979-80
LIABILITIES			
(a) Paid up Capital (including amount due to Govt. of India to be adjusted against issue of shares)	56,593.50	68,393.70	80,316.48
(b) Reserve & surplus	1.50	1.50	1.50
(c) Borrowings :			
(i) From Govt. of India	48,759.10	69,493.26	87,000.42
(ii) From Bank	1,350.12	1,313.45	925.40
(d) Trade dues and other current liabilities (including provision)	3,509.59	4,625.53	9,761.27
	<u>1,10,213.81</u>	<u>1,43,827.44</u>	<u>1,78,005.07</u>
ASSETS			
(e) Gross Block	420.29	547.54	624.99
(f) Less depreciation	67.55	105.22	143.43
(g) Net Fixed Assets	352.74	442.32	481.56
(h) Capital work-in-progress	5.80	0.79	2.72
(i) Investment	21,839.53	22,076.57	21,044.64
(j) Current assets, loans & advances (including amount due from Govt. of India for non-coking coal mines)	77,199.99	1,10,158.19	1,45,128.14
(k) Miscellaneous expenditure and losses not written off :			
(i) Deferred Revenue expenditure.	31.54	37.30	30.79
(ii) Accumulated loss	10,784.21	11,112.27	11,317.22
	<u>1,10,213.81</u>	<u>1,43,827.44</u>	<u>1,78,005.07</u>
Capital Employed	74,043.14	1,05,974.98	1,35,848.43
Net worth	45,779.25	57,245.63	68,969.97

Note :

- (1) Capital employed represents net Fixed Assets plus working capital.
- (2) Net worth represents paid-up-capital plus Reserves & Surplus Less intangible assets.

2. Capital Structure

The debt equity ratio of the Company was 0.86:1 in 1977-78, 1.02:1 in 1978-79 and 1.08:1 in 1979-80.

3. Reserve & Surplus

Reserve (Rs 1.50 lakhs) amounted to 0.001% of total liabilities in 1977-78 as against 0.001% in 1978-79 and 0.001% in 1979-80 and to 0.003% of the equity capital Rs 56,593.50 in 1977-78 as against 0.002% in 1978-79 and 0.002% in 1979-80.

4. Liquidity & Solvency

(a) The percentage of Current Assets to total net assets varied from 70.05 in 1977-78 to 76.59 in 1978-79 and 81.53 in 1979-80.

(b) The percentage of Current assets to current liability including provision varied from 2199.69 in 1977-78 to 2381.53 in 1978-79 and 1486.78 in 1979-80.

(c) The percentage of quick assets (cash and bank balance, debtors and advances) to Current Liabilities (excluding provision) varied from 3.40 in 1977-78 to 4.19 in 1978-79 and 2.42 in 1979-80.

5. Working Capital

Working capital (Current Assets, Loans & Advances less Trade dues and Current Liability and provisions) of the Company at the close of 3 years ending 31st March, 1980 amounted to Rs 73,690.40 lakhs in 1977-78, Rs 1,05,532.66 lakhs in 1978-79 and Rs 1,35,366.87 lakhs in 1979-80 and represented 1,337.17 months, 1,654.87 months and 2,156.21 months value of production at cost (excluding depreciation) during the above years respectively.

6. Sources & Uses of Funds

Funds amounting to Rs 38.21 lakhs from internal sources (depreciation reserve and surplus and provision) and Rs 34,177.63 lakhs from other sources were utilised during 1979-80 :

	Rs in lakhs
Gross Fixed Assets	77.45
Capital-work-in-progress	1.93
Investment (other than trade)	(—) 1,031.93
Current Assets, Loans & Advances	34,969.95
Miscellaneous expenditure and losses not written off	198.44
	<u>Rs 34,216.84</u>

7. Working Results

Total loss of the Company during the year 1977-78, 1978-79 and 1979-80 amounted to Rs 231.77 lakhs, Rs 328.06 lakhs and Rs 204.96 lakhs respectively (including prior period adjustments).

The cumulative loss as on 31.3.80 amounted to Rs 11,317.22 lakhs as against the paid up capital of Rs 80,316.48 lakhs as on the same date.

8. The table below indicates the percentage of cost of sales to sales during the last 3 years :

	(Rs in lakhs)		
	1977-78	1978-79	1979-80
Sales	454.09	475.82	603.00
Add Loss	231.77	328.06	204.96
Cost of sales	685.86	803.88	807.96
Percentage of cost of sales to sales	151.04	168.95	133.99

Note :

The figures of sales mentioned above and subsequent Paras—9 and 11 do not include the value of coal amounting to Rs 5.06 lakhs, Rs 12.91 lakhs and Rs Rs 14.00 lakhs consumed within the collieries and issued free to the employees and also do not include the value of coal of Rs 6.82 lakhs, Rs 6.73 lakhs and Rs 5.41 lakhs respectively for colliery consumption (charged to capital) during 1977-78, 1978-79 and 1979-80 respectively.

9. Production Performance

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

	(Rs in lakhs)		
	1977-78	1978-79	1979-80
(i) Sales of Coal, Bricks etc.	454.09	475.82	603.00
(ii) Closing stock of coal, bricks, etc. including work-in-progress	3.76	1.65	3.37
(iii) Opening stock of coal bricks, etc. including work-in-progress	2.77	3.76	1.65
(iv) Value of production (i+ii) — iii	455.08	473.71	604.72

Percentage of value of production to net worth fluctuated from 0.99 in 1977-78 to 0.83 in 1978-79 and to 0.88 in 1979-80.

Percentage of value of production to Net Assets varied from 0.41 in 1977-78 to 0.33 in 1978-79 and to 0.34 in 1979-80.

10. Inventory & Production

The table below indicates the comparison of inventory and its distribution for the last 3 years :

	(Rs in lakhs)		
	1977-78	1978-79	1979-80
(i) Stores & spares	54.80	60.63	85.35
(ii) Stock of coal, bricks etc.	3.38	1.41	3.37

The stock of stores and spares was equivalent to 10.51 months' consumption in 1977-78, 10.09 months' in 1978-79 and 12.79 months' in 1979-80.

Stock of coal, bricks etc. represented 0.09 months' sales in 1977-78 against 0.04 months' sales in 1978-79 and 0.07 months' sales in 1979-80.

11. Sundry Debtors & Turnover

The following table indicates the volume of book-debts and sales for the last 3 years :

	(Rs in lakhs)				
As on	Total book debts considered good (unsecured)	Total book debts considered doubtful or bad	Total	Sales	Percentage of debtor to sales
31.3.78	23.77	71.98	95.75	454.09	5.23
31.3.79	43.40	90.28	133.68	475.82	9.12
31.3.80	65.82	97.92	163.74	603.00	10.92

Sundry Debtors represented about 0.63 months' turnover, 1.09 months' and 1.31 months' turnover in the years 1977-78 and 1978-79 and 1979-80 respectively.

The following table indicates the details of debts outstanding for more than one year as on 31st March, 1980 :

	(Rs in lakhs)		
	Govt. Deptt.	Private parties	Total
(i) Debts outstanding over one year but less than 2 years	19.93	0.13	20.06
(ii) Debts outstanding over 2 years but less than 3 years	20.31	1.18	21.49
(iii) Debts outstanding for 3 years and above	48.95	1.14	50.09
Total	Rs 89.19	2.45	91.64

K Ram Mohan
Member

Audit Board & Ex-Officio
Director of Commercial Audit (Coal)
Calcutta

Calcutta
Dated 3rd March 1981

Coal India Limited

(Formerly Known as Coal Mines Authority Limited)

Addendum to the Directors' Report for the year ended 31st March, 1980 under
Section 217 (3) of the Companies Act, 1956

AUDITOR'S OBSERVATIONS

OUR REPLY

1. Due to Government of India

No adjustment in consideration money in respect of this change as referred to in the Note No. 6 Schedule 15 has been made in this account.

This has been referred to Government and necessary adjustment shall be carried out on receipt of final order.

2. Secured Loans

We refer to Note No. 7 of Schedule 15. Consent of the State Bank of India and United Bank of India for transferring the loan and the assets hypothecated against such loan 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 the 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, 1980 against the said facilities to the Company, the quantum of which has not been determined.

Board's approval has already been taken and the overdraft limits operated by each Company is under transfer. Banks have already been accordingly advised.

Though the overdraft has been shown as secured, security being maintained as stock of coal, coke etc. the balance on account of these assets as on 31st March, 1980 do not cover the amount of overdraft as on that date.

3. Security Deposits

In some cases in respect of NEC adequate records were not available for verification of security deposits. The value of security deposits received by the Company in the form of National Savings Certificates, etc. has neither been determined nor accounted for.

General Manager, North Eastern Coalfields has been advised to carry out necessary rectification.

4. Other Deposits

Rs 578.88 lakhs referred to in Note 5(e) in Schedule 15 when adjusted may affect the amount due from the Government of India (Owners' Account).

The matter has already been referred to the Government of India to furnish the details and their decisions for adjustment of the subsidy amount.

5. Investments

Investments have been valued at cost. No provision for losses of Subsidiary Companies has been made in the accounts.

No comments.

AUDITOR'S OBSERVATIONS

OUR REPLY

6. Sundry Debtors

Subsidy receivable has been booked under loans and advances.

No comments.

7. Loans and Advances

This includes certain advances (including customs duty) for supply of stores and equipments. In the absence of information we are unable to verify whether the value of materials received, if any, during the year has been accounted for in these accounts.

A number of items have since been adjusted.

The amount of advances attributable to the Subsidiary Companies, when adjusted may affect the consideration in respect of transfer of assets and liabilities to those Companies as on 1st November, 1975.

No comments.

8. Due from Government of India (Net) (Owners' Account)

Confirmation of the amount of balance due from the Government of India was not made available.

Accounts are being maintained by the Company on behalf of Government and any confirmation, if necessary, can be given by the Company itself.

9. Provisions

This represents pre-nationalisation subsidy received from Coal Board. No effect has been given in this accounts in accordance with the Coal Mines Nationalisation Laws (Amendment) Act, 1978 (No. 22 of 1978) allocating the provisions in respect of pre-nationalisation subsidy to the Government of India (Owners' Account).

As indicated against item 4 of above the matter has been referred to Government and on receipt of decision necessary transfers shall be carried out.

10. Books of Accounts

The provisions of sub-section (1)(c) of Section 209 in respect of some vested mines the management of which have not been taken over by the Company have not been complied with.

No comments.

11. Internal Controls

Internal controls appeared to be deficient in certain areas like advance from customers, wages, etc., and needs to be strengthened.

Necessary directions have been issued to all concerned to take special steps needed urgently and strengthen areas needing attention, so that Auditors' observations are met with. We are expecting to bring about improvement in the next year.

12. General

For want of particulars of law suits and other details instituted against the Company claims arising thereout, if any, could not be verified.

Noted for future.

13. Transfer of Undertaking

Accrued liability for future payment of gratuity in respect of service of the employees has not been considered.

According to the agreement for transfer of assets and liabilities these are to be discharged by the Companies as and when they arise.

AUDITOR'S OBSERVATIONS

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

Permission for the mining rights from the appropriate Governments in respect of mines in NEC have not been obtained.

OUR REPLY

Necessary adjustments shall be carried out as and when they arise. The matter has been referred to Legal Department for completion of necessary documentation.

The matter has been referred to Legal Department for completion of necessary documentation.

Addendum to Directors' Report

Statement Pursuant to Section 212 (i) (e) of Companies Act, 1956 as at 31st March, 1980

Re : Eastern Coalfields Limited

(1) The Coal India Limited held the whole of the paid-up capital of Rs 8000/- (including 3 Equity shares of Rs 1000/- each held in nominee's name) in Eastern Coalfields Limited.

(2) Eastern Coalfields Limited incurred a net loss of Rs 81.172 crores during the accounting year ended 31st March, 1980. The cumulative loss, as on 31st March, 1980 amounted to Rs 278.383 crores. No adjustment has been made in the books of Coal India Limited in respect of said loss of the Subsidiary Company.

Re : Central Coalfields Limited

(1) The Coal India Limited held the whole of the paid-up capital of Rs 1,44,75,11,000 (including 2 Equity shares of Rs 1000/- each held in nominee's name) in Central Coalfields Limited.

(2) Central Coalfields Limited earned a net profit of Rs 35.0633 crores during the accounting year ended 31st March, 1980. The cumulative profit as on date amounted to Rs 0.0402 crores. No adjustment has been made in the books of Coal India Limited 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 65,69,29,000/- (including three Equity shares of Rs 1000/- each held in nominee's name) in Bharat Coking Coal Limited.

(2) Bharat Coking Coal Limited incurred a net loss of Rs 45.2969 crores during the accounting year

ended at 31st March, 1980. The cumulative loss, as on date amounted Rs 248.668. No adjustment has been made in the books of Coal India Limited in respect of said loss of the Subsidiary Company.

Re : Western Coalfields Limited

(1) The Coal India Limited held the whole of the paid-up capital of Rs 8000/- (including 3 Equity shares of Rs 1000/- each held in nominee's name) in Western Coalfields Limited.

(2) Western Coalfields Limited earned a net profit of Rs 5.0938 crores during the accounting year ended 31st March, 1980 before charging Rs 5.82 crores for creating Investment Allowance Reserve. The cumulative loss, as on 31st March, 1980 amounted to Rs 96.4897 crores. No adjustment has been made in the books of Coal India Limited in respect of said loss of the Subsidiary Company.

Re : Central Mine Planning & Design Institute Ltd

(1) The Coal India Limited held the whole of the paid-up capital of Rs 8000/- (including 3 Equity shares of Rs 1000/- each held in nominee's name) in Central Mine Planning & Design Institute Ltd.

(2) Central Mine Planning and Design Institute Ltd earned a profit of Rs 0.1029 crores during the accounting year ended 31st March, 1980. The cumulative profit as on 31st March, 1980 amounted to Rs 0.0449 crores. No adjustment has been made in the books of Coal India Limited, in respect of the profit earned by the Subsidiary Company.

Calcutta
Dated, the 24th June, 1981

For and on
Behalf of the Board of Directors
R N Sharma
Chairman

Auditors' Report

To the Members of Coal India Limited
(Formerly Known as Coal Mines Authority Limited)

We have audited the attached Balance Sheet of Coal India Limited (formerly known as Coal Mines Authority Limited) as at 31st March, 1980 under reference to this report and the annexed Profit and Loss Account for the year ended on that date in which have been incorporated the accounts of the Margherita Group (North Eastern Coalfields) audited by us and of the other regional offices audited by other auditors in accordance with the letter of appointment No. 17/240/80-IGC dated 5th June, 1980 of the Company Law Board, Government of India, Department of Company Affairs, New Delhi.

We report as follows :

1. The reports on the accounts of the regional offices referred to above audited by other auditors have been forwarded to us and we have considered the same in preparing this report.

2. As required by the Manufacturing and Other Companies (Auditors' Report) Order, 1975 issued by the Company Law Board, we enclose in Annexure 'B' a statement on the matter specified in the said order.

3. Subject to and read with Notes forming part of the Accounts in Schedule 15 and foot-notes in Schedule 4 and further to our observations in the Annexures 'A' and 'B' referred to in paragraph 2 above, we report that :

3.1 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 ;

3.2 In our opinion, proper books of account have been kept by the Company as required by law so far as appears from our examination of those books ;

3.3 The Balance Sheet and the Profit and Loss Account dealt with by this report are in agreement with the books of accounts ;

3.4 In our opinion and to the best of our information and according to the explanations given to us, the said accounts give the information required by the Companies Act, 1956, in the manner so required ; and Subject as aforesaid and in particular to the outcome of :

(i) Our observation No. 1 in Annexure 'A' regarding change in the consideration money for vesting of assets in the Company ;

(ii) Our observation No. 2 in Annexure 'A' regarding transfer of cash credit facilities and securities in respect thereof to Subsidiaries ;

(iii) Our observation Nos. 4 and 7 in Annexure 'A' regarding adjustment of other deposits and loans and advances respectively ;

(iv) Our observation No. 8 in Annexure 'A' regarding recoverability of the amount due from Government of India (Owners' Account) ;

(v) Our observation No. 13 para 1 in Annexure 'A' regarding non-provision of accrued liability for employees retirement gratuity ;

(vi) Note No. 15 to Notes on Accounts — Schedule 15 regarding reconciliation of balances with the Subsidiaries and confirmation of balance of others ; and

(vii) Note No. 16 to Notes on Accounts — Schedule 15 regarding sanction of borrowing limit.

The Balance Sheet gives true and fair view of the state of Company's affairs as at 31st March, 1980 and the Profit and Loss Account gives a true and fair view of the loss for the year ended on that date.

Calcutta
21st February, 1981

For J L Sengupta & Co.
Chartered Accountants
K Ghosh
Partner

Annexure 'A' to the Auditors' Report

Referred to in Auditors' Report dated 21st Feb. 1981 on the Accounts of Coal India Limited
(Formerly Known as Coal Mines Authority Limited) for the year ended 31st March, 1980

1. Due to Government of India

No adjustment in consideration money in respect of this change as referred to in the Note No. 6 Schedule 15 has been made in this account.

2. Secured Loans

We refer to Note No. 7 of Schedule 15. Consent of the State Bank of India and United Bank of India for transferring the loan and the assets hypothecated against such loan 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 the 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, 1980 against the said facilities to the Company, the quantum of which has not been determined.

Though the overdraft has been shown as secured, security being maintained as stock of coal, coke, etc. the balance on account of these assets as on 31st March, 1980 do not cover the amount of overdraft as on that date.

3. Security Deposits

In some cases in respect of NEC adequate records were not available for verification of security deposits. The value of security deposits received by the Company in the form of National Savings Certificates, etc. has neither been determined nor accounted for.

4. Other Deposits

Rs 578.88 lakhs referred to in Note 5(e) in Schedule 15 when adjusted may affect the amount due from the Government of India (Owners' Account).

5. Investments

Investments have been valued at cost. No provision for losses of Subsidiary Companies has been made in the accounts.

6. Sundry Debtors

Subsidy receivable has been booked under loans and advances.

7. Loans and Advances

This includes certain advances (including customs duty) for supply of stores and equipments. In the absence of information we are unable to verify whether the value of materials received, if any, during the year has been accounted for in these accounts.

The amount of advances attributable to the Subsidiary Companies, when adjusted, may affect the consideration in respect of transfer of assets and liabilities to those Companies as on 1st November, 1975.

8. Due from Govt. of India (Net) (Owners' Account)

Confirmation of the amount of balance due from the Government of India was not made available.

9. Provisions

This represents pre-nationalisation subsidy received from Coal Board. No effect has been given in this accounts in accordance with the Coal Mines Nationalisation Laws (Amendment) Act, 1978 (No. 22 of 1978) allocating the provisions in respect of pre-nationalisation subsidy to the Government of India (Owners' Account).

10. Books of Accounts

The provisions of Sub-Section (1)(c) of Section 209 in respect of some vested mines the management of which have not been taken over by the Company, have not been complied with.

11. Internal Controls

Internal controls appeared to be deficient in certain areas like advance from customers, wages, etc., and needs to be strengthened.

12. General

For want of particulars of law suits and other details instituted against the Company claims arising thereout, if any, could not be verified.

13. Transfer of Undertaking

Accrued liability for future payment of gratuity in respect of service of the employees has not been considered.

Liabilities for charges, expenses and statutory levies, if any, arising out of the transfer of assets and liabilities on the basis of agreements for sale to the subsidiaries have not been provided in the accounts of the year also. Conveyance deeds, where necessary, have not yet been executed.

Permission for the mining rights from the appropriate Governments in respect of mines in NEC have not been obtained.

Calcutta
21st February 1981

For J L Sengupta & Co.
Chartered Accountants
K Ghosh
Partner

Annexure 'B' to the Auditors' Report

Referred to in Auditors' Report dated 21st February, 1981 on the Accounts of
Coal India Limited, (Formerly known as Coal Mines Authority Limited)
for the year ended 31st March, 1980

As required by the Manufacturing and Other Companies (Auditors' Report) Order, 1975 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 not maintained proper records to show full particulars including quantitative details and situation of the fixed assets. The fixed assets were not physically verified by the management during the year. Consequently, serious discrepancies, if any, could not be ascertained and accounted for.

(ii) None of the fixed assets of the Company have been revalued during the year.

(iii) Stock of coal, bricks, stores and spares have been physically verified by the management at the end of the year and no significant discrepancies were noticed. In our opinion the basis of valuation of such stocks, subject to Note No. 3 in Schedule 15 is fair and proper in accordance with the normally accepted accounting principles and is on the same basis as in the earlier year.

(iv) The Company has taken loans from Government of India only and the terms and conditions of such loans are 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 except in a few cases. We are advised that the management is taking necessary

steps to recover the overdue loans and advances in the nature of loans from the employees.

(vi) In our opinion internal control procedure for the purchase of stores, plant and machinery, equipment and other assets is commensurate with the size of the Company and the nature of its business excepting in few cases in NEC group where there has inadequacy of documentation.

(vii) The Company has determined the unserviceable and damage stores during the year for which a provision has been made in the accounts.

(viii) The Company has not accepted any deposit from the public during the year.

(ix) Except in some areas the Company has maintained reasonable records for sale and disposal of scraps arising out of scrapping of assets and/or stores. The Company has no by-product.

(x) The Company has an internal audit system which needs further strengthening to cover all areas of activities.

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

(xii) The Company is regular in depositing the provident fund dues with the appropriate authorities except for the month of February, 1980 amounting to Rs 12.12 lakhs.

(xiii) In respect of service activities of NEC Workshop which form an insignificant part of its income, the Company do not have a system of Job Cards for petty repair works.

Calcutta, 21st February, 1981

For J L Sengupta & Co.
Chartered Accountants
K Ghosh
Partner

AUDITED STATEMENTS
OF
ACCOUNTS

SHARE CAPITAL

Rs

1,00,00,000 Equity shares of Rs 1000/- each

10,00,00,00,000

47,16,890 Equity shares of Rs 1000/- each fully paid in cash (Previous year 27,30,100 Equity shares of Rs 1000/- each)

4,71,68,90,000

24,61,710 Equity shares of Rs 1000/- each are allotted as fully paid without payment being received in cash (Previous year 22,18,919 Equity shares of Rs 1000/- each)

2,46,17,10,000

7,17,86,00,000

85,30,48,049

Development rebate reserve as per last account

1,50,000

Cash credit from State Bank of India
Cash credit from United Bank of India
Interest accrued and due

7.35.29,400

1.90.10.925

23,509

9,25,63,834

(Against hypothecation of stock of coal, coke, stores and spares and book debts and movable assets of some of the collieries)

From Govt. of India (Long term loan)

8,70,00,42,179

Interest accrued and due

87,28,35,250

Less : Subsidy

32,14,84,868

55,13,50,382

9,25,13,92,561

Carried over

17,37,57,54,444

31st March, 1980

LIMITED

ASSETS

As at 31st
March, 1979

Rs
4,43,11,102
2,20,76,57,000

Fixed Assets : (Schedule 4)

Investments : (Schedule 5)

CURRENT ASSETS, LOANS & ADVANCES :

A. Current Assets :

Interest accrued on Bank deposit

Stores and spares (net of provision of Rs 3.76 lakhs—

Previous year Rs 4.12 lakhs including capital goods and

stores-in-transit) (Note No. 3(a) of Schedule 15)

Stock of coal, bricks, etc. (at selling price)

Work-in-progress at estimated cost

Sundry Debtors (Schedule 6)

Dues arising out of transfer of Assets and Liabilities to

Subsidiary Companies

Cash & Bank balances (Schedule 7)

B. Loans and Advances : (Schedule 8)

(Note No. 4 Schedule 15)

Rs

9,732

85,34,623

3,36,592

32,205

65,81,905

1,18,19,34,282

56,10,530

Rs

4,84,27,921

2,10,44,64,000

1,20,30,39,869

13,14,04,80,625

13,25,10,62,343

Carried over

16,49,64,12,415

Balance Sheet as at COAL INDIA

LIABILITIES

As at 31st March, 1979 Rs		Rs	Rs
14,03,58,34,581	Brought forward		17,37,57,54,444
	CURRENT LIABILITIES & PROVISIONS		
	A. Current Liabilities		
1,68,91,187	Sundry Creditors	1,59,56,363	
77,46,076	Other liabilities (Schedule 2)	1,14,28,064	
22,67,45,573	Interest accrued but not due on loans	30,37,44,472	
6,76,38,503	Deposits (Schedule 3)	6,57,39,596	
5,288	Unlinked balance of NEC (Since reconciled)	1,685	39,68,70,180
	B. Provisions :		
2,78,82,808	Pre-nationalisation subsidy		2,78,82,808

14,38,27,44,016

TOTAL

17,80,05,07,432

For COAL INDIA LIMITED
Rana S J B Singh
Secretary

S Panchapakesan
Chief of Finance

R G Mahendru
Director

R N Sharma
Chairman

LIMITED

As at 31st
March, 1979
Rs

13,25,10,62,343

1,67,24,956

37.30.072

1,11,12,26,645

Rs

Brought forward

Due from Govt. of India (Net) :

For transactions on behalf of ex-owners of non-coking coal mines

For subsidy towards interest on non-plan loans

Miscellaneous Expenditure :

(To the extent not written off or adjusted)

Deferred Revenue Expenditure

Profit and Loss Account :

Debit balance as per annexed account

Rs

16,49,64,12,415

16,92,93,551

30,79,160

1,13,17,22,306

14,38,27,44,016

TOTAL

17,80,05,07,432

CALCUTTA

Dated, the 21st February, 1981

As per our report of even date
For J L Sengupta & Co.
Chartered Accountants
K Ghosh
Partner

Profit & Loss Account for COAL INDIA

For the year ended
31st March, 1979
Rs

		APEX Rs	NEC Rs	TOTAL Rs
3,75,950	To Opening stock of coal, bricks, etc. and work-in-progress	—	1,64,974	1,64,974
72,11,246	" Consumption of stores and spares	—	80,09,968	80,09,968
4,93,39,994	" Salaries, wages, bonus and allowances	1,54,63,266	4,29,49,335	5,84,12,601
34,68,561	" Contribution to PF & Other Funds including administrative charges	8,97,241	33,16,307	42,13,548
10,49,990	" Gratuity and pension	3,61,309	8,41,968	12,03,277
4,36,397	" Workmen's compensation	—	1,65,398	1,65,398
38,20,391	" Social overheads (Schedule 9)	9,26,433	29,56,008	38,82,441
18,02,927	" Workmen & staff welfare expenses (Schedule 10)	4,93,262	12,28,345	17,21,607
4,39,800	" Colliery consumption (as per contra)	—	4,94,937	4,94,937
8,51,260	" Free issue of coal to employees (as per contra)	—	9,04,634	9,04,634
	" Payment to Contractors (for transport charges and others including overburden removal charges written off of Rs 58.49 lakhs — Previous year Rs 51.74 lakhs)	—	92,76,340	92,76,340
76,37,248	" Power and fuel	1,86,905	24,39,493	26,26,398
23,74,107	" Royalty and cess	—	80,152	80,152
74,688	" Rent	20,02,437	79,662	20,82,099
23,53,145	" Rates and taxes	2,29,325	66,676	2,96,001
81,392	" Insurance	5,627	48,193	53,820
40,745	" Repairs (Schedule 11)	2,97,355	14,78,310	17,75,665
19,85,614	" Legal fees and expenses	26,350	15,719	42,069
18,949	" Maintenance of vehicles	4,08,303	1,46,359	5,54,662
4,80,408	" Auditors Remuneration :			
40,000	Audit fees	40,000	—	60,000
20,000	Expenses	20,000	—	60,000
	" Interest (includes Rs 91,15,88,542/- on long term loan — Previous year — Rs 61,99,92,767/-)	92,51,21,421	22,90,634	92,74,12,055
64,09,19,665	" Miscellaneous expenses (Schedule 12)	34,08,135	6,76,181	40,84,316
44,25,080	" Depreciation	1,58,752	35,63,205	37,21,957
34,76,850	" Provision for Bad & doubtful debts	—	7,64,000	7,64,000
18,37,000	" Apex administrative charges (as per contra)	—	1,07,015	1,07,015
—	" Prior period adjustment (Schedule 14)	20,11,894	11,039	20,22,933
—				
73,45,61,407	TOTAL	95,20,58,015	8,20,74,852	1,03,41,32,867
3,28,05,960	To Balance being net loss of the year brought down	23,40,104	1,81,55,557	2,04,95,661
1,07,84,20,685	" Loss brought forward from last year	1,00,28,86,679	10,83,39,966	1,11,12,26,645
1,11,12,26,645		1,00,52,26,783	12,64,95,523	1,13,17,22,306

For COAL INDIA LIMITED
Rana S J B Singh
Secretary

S Panchapakesan
Chief of Finance

R G Mahendru
Director

R N Sharma
Chairman

the year ended 31st March, 1980
LIMITED

For the year ended
31st March, 1979
Rs

APEX Rs NEC Rs TOTAL Rs

4,75,82,472	By Sale of coal, bricks, etc. (net of royalty, Sales Tax, Cess, Excise Duty etc.)	—	6,03,00,028	6,03,00,028
4,39,800	" Colliery consumption (as per contra)	—	4,94,937	4,94,937
8,51,260	" Free issue of coal to employees (as per contra)	—	9,04,634	9,04,634
6,72,567	" Colliery consumption (charged to capital)	—	5,41,062	5,41,062
63,29,64,245	" Other receipts (Schedule 13)	46,33,39,780	13,42,042	46,46,81,822
1,89,53,023	" Proportionate expenditure transferred to Subsidiary Companies (including Rs 1,07,015/- for NEC as per contra)	1,74,62,506	—	1,74,62,506
—	" Subsidy towards interest on Govt. loan receivable	46,89,15,625	—	46,89,15,625
1,64,974	" Closing stock of coal, bricks, etc. including work-in-progress	—	3,36,592	3,36,592
1,27,106	" Prior period adjustment (Schedule 14)	—	—	—
3,28,05,960	" Balance being net loss of the year carried down	23,40,104	1,81,55,557	2,04,95,661

73,45,61,407	TOTAL	95,20,58,015	8,20,74,852	1,03,41,32,867
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1,11,12,26,645	By Balance transferred to Balance Sheet	1,00,52,26,783	12,64,95,523	1,13,17,22,306
----------------	---	----------------	--------------	----------------

1,11,12,26,645		1,00,52,26,783	12,64,95,523	1,13,17,22,306
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As per our report of even date
For J L Sengupta & Co.
Chartered Accountants
K Ghosh
Partner

CALCUTTA
Dated, the 21st February, 1981

Schedule to Balance Sheet as at 31st March, 1980

COAL INDIA LIMITED

SCHEDULE OF DUE TO GOVERNMENT OF INDIA

As at 31st
March, 1979
Rs

1,57,74,50,000

23,59,35,901

78,67,835

1,46,00,000

36,14,381

3,52,88,267

1,55,94,739

1,89,03,51,123

Funds received from Govt. of India towards Equity

Pending allotment of shares against transfer of
shares from :

Bharat Coking Coal Ltd.

Central Coalfields Ltd.

Western Coalfields Ltd.

Singareni Collieries Co. Ltd.

10,12,901

18,40,112

58,37,649

—

For consideration payable to Govt. of India for vesting
of mines

For consideration payable to Govt. of India for
balances

As on 1.5.73 taken over as per last account

Less : Prorata share of loss adjusted in 1973-74

7,01,29,446

3,47,81,855

3,53,47,591

For assets taken over from erstwhile

Coal Board

3,65,40,676

Less : Share issued/adjusted

3,65,40,000

676

Amount payable for Bharat Coking Coal Limited :

For management compensation

For advance payment made prior to 1.5.73

5,94,739

1,50,00,000

TOTAL

SCHEDULE 1

Rs

78,98,00,000

86,90,662

36,14,381

3,53,48,267

1,55,94,739

85,30,48,049

SCHEDULE 2

SCHEDULE OF OTHER LIABILITIES

As at 31st
March, 1979
Rs

92,669

62,43,331

8,35,620

48,788

16,578

5,09,090

77,46,076

Income tax deducted at source

Advance from customers and others

Provident Fund

Deductions under AECD Scheme

Sundry credit balance pending adjustment

Sales Tax

Others

TOTAL

Rs

2,64,878

78,66,039

24,07,355

49,809

16,578

22,305

8,01,100

1,14,28,064

Schedule to Balance Sheet as at 31st March, 1980

COAL INDIA LIMITED

SCHEDULE OF DEPOSITS

As at 31st
March, 1979

Rs
3,66,401
6,72,72,102

Security Deposits
Other Deposits

SCHEDULE 3

Rs
4,44,704
6,52,94,892

6,76,38,503

TOTAL

6,57,39,596

Schedule to Balance Sheet

COAL INDIA

SCHEDULE OF FIXED ASSETS

Particulars	COST OF ASSETS				Total as at 31.3.1980
	Total as at 1.4.1979	Assets taken over from Subsidiaries as at 1.4.1979	Addition during the year	Disposal/ Adjustment during the year	
Land	48,761	—	—	—	48,761
Building	71,31,460	—	2,50,560	—	73,82,020
Plant & Machinery	2,16,82,206	—	33,20,218	—	2,50,02,424
Furniture & Fittings	27,28,049	—	2,41,113	—	29,69,162
Railway Siding	11,77,216	—	—	—	11,77,216
Vehicles	5,61,434	—	52,486	—	6,13,920
Prospecting & Boring	1,31,391	—	4,146	—	1,35,537
Development	2,10,73,371	—	38,76,048	—	2,49,49,419
Capital Work-in-progress	78,535	—	1,93,128	—	2,71,663
Diesel Generator	2,21,040	—	—	—	2,21,040
TOTAL	5,48,33,463	—	79,37,699	—	6,27,71,162
Previous Year	4,26,09,290	9,38,270	1,26,29,989	13,44,086	5,48,33,463

NOTES :

1. Total depreciation for the year Rs 38,20,880/- has been allocated as follows :

	1979-80	1978-79
	Rs	Rs
(i) Profit & Loss Account	37,21,957	34,76,850
(ii) Social overheads	88,635	85,156
(iii) Prior period adjustment	—	90,213
(iv) Advances (Meghalaya Govt.)	10,288	—
	38,20,880	36,52,219

2. Building on lease-hold land or free-hold land could not be assessed.
3. No depreciation on development expenses amounting to Rs 6,21,920 was charged as the projects have not yet been started.

as at 31st March, 1980

LIMITED

SCHEDULE 4

DEPRECIATION					
Total as at 1.4.1979	Depreciation transferred on taken over assets from Subsidiaries as at 1.4.1979	Net addition/ adjustment during the year	Total as at 31.3.1980	Net value of assets as at 31.3.1980	Net value of assets as at 31.3.1979
—	—	—	—	48,761	48,761
6,59,577	—	5,06,119	11,65,696	62,16,324	64,71,883
62,36,357	—	18,43,522	80,79,879	1,69,22,545	1,54,45,849
4,96,515	—	1,18,829	6,15,344	23,53,818	22,31,534
1,42,747	—	1,42,747	2,85,494	8,91,722	10,34,469
1,69,872	—	44,862	2,14,734	3,99,186	3,91,562
10,353	—	6,438	16,791	1,18,746	1,21,038
27,99,441	—	11,50,864	39,50,305	2,09,99,114	1,82,73,930
—	—	—	—	2,71,663	78,535
7,499	—	7,499	14,998	2,06,042	2,13,541
1,05,22,361	—	38,20,880	1,43,43,241	4,84,27,921	4,43,11,102
67,55,169	1,14,973	36,52,219	1,05,22,361	4,43,11,102	3,58,54,121

4. Figures under additions/adjustments column have been regrouped wherever necessary.
5. Depreciation charges to Mowlong Shella Project assets for the year 1979-80, Rs 10,288/- & 1978-79 — Rs 7,838/- has been charged to the Project and adjusted against the advances from Meghalaya Government.
6. Title deeds for residential flats in Calcutta Rs 21.87 lakhs (Previous year — Rs 21.87 lakhs) have yet to be executed and some in NEC could not be traced. Mutation of CIL's name as owner to certain properties has yet to be carried out.
7. No adjustments in respect of the depreciation of Rs 91,391 (Dr) accounted in schedule of Prior Period adjustments (Schedule 14) could be made in the fixed assets schedule as the corresponding assets were transferred to and are lying in the books of WCL.

Schedule to Balance Sheet as at 31st March, 1980

COAL INDIA LIMITED

SCHEDULE OF INVESTMENTS

As at 31st
March, 1979
Rs

1,44,55,04,000
65,69,29,000
8,000
8,000
8,000
10,52,00,000
2,20,76,57,000

Investment at Cost (Unquoted)

(1) In wholly owned Subsidiaries Companies :
14,47,511 fully paid up Equity shares of Rs 1000/-
each of Central Coalfields Limited
6,56,929 fully paid up Equity shares of Rs 1000/-
each of Bharat Coking Coal Limited
8 fully paid up Equity shares of Rs 1000/- each of
Eastern Coalfields Limited
8 fully paid up Equity shares of Rs 1000/- each of
Western Coalfields Limited
8 fully paid up Equity share of Rs 1000/- each of
Central Mine Planning & Design Institute Limited
(ii) Trade Investment
Equity shares in Singareni Colliery Co. Limited

TOTAL

SCHEDULE 5

Rs

1,44,75,11,000
65,69,29,000
8,000
8,000
8,000
2,10,44,64,000

SCHEDULE OF SUNDRY DEBTORS

As at 31st
March, 1979
Rs

87,20,531
46,47,457
1,33,67,988
90,28,000
43,39,988

43,39,988
90,28,000

(A) Debts outstanding over six months
Other Debts

Less : Provision for doubtful debts

TOTAL

(B) Classification

Unsecured and considered good
Unsecured and considered doubtful or bad
(C) Debts due by Private Companies in which the
Directors of the Company are also Directors

SCHEDULE 6

Rs

99,35,488
64,38,417
1,63,73,905
97,92,000
65,81,905

65,81,905
97,92,000

SCHEDULE OF CASH & BANK BALANCES

As at 31st
March, 1979
Rs

66,235
23,07,618
36,12,671
6,26,518
66,13,042

Cash, Cheques, Drafts, Stamps in hand
Remittance-in-transit
With Scheduled Banks in Current Account
With Scheduled Banks in Fixed Deposit

TOTAL

SCHEDULE 7

Rs

5,34,554
1,50,835
42,70,113
6,55,024
56,10,530

Schedule to Balance Sheet as at 31st March, 1980

COAL INDIA LIMITED

SCHEDULE 8

SCHEDULE OF LOANS & ADVANCES

As at 31st
March, 1979
Rs

15,44,675
96,587
9,79,06,10,716
76,09,437
9,79,98,61,415
7,000
9,79,98,54,415

9,79,98,54,415
7,000

3,04,08,86,921
2,77,13,12,738
1,40,76,06,986
2,49,65,38,932
7,42,65,139
807

3,411

- (A) Advances recoverable in cash or in kind or for value to be received :
Subsidy receivable
Deposits
Advance to Subsidiaries
Others

Less : Provision for doubtful advances

TOTAL

(B) Classification

Secured

Unsecured—Considered good

Unsecured—Considered doubtful

- (C) Amount due by Private Company in which the Directors of the Company are also Directors

- (D) Debts due by Government Companies in which the Directors of the Company are also Directors

(E) Amounts due by Subsidiary Companies

Bharat Coking Coal Limited

Central Coalfields Limited

Western Coalfields Limited

Eastern Coalfields Limited

Central Mine Planning & Design Institute Limited

- (F) (i) Amounts due from Directors of the Company

- (ii) Maximum amount due at any time during the year

Rs

17,17,348

2,27,924

13,12,78,10,482

1,07,31,871

13,14,04,87,625

7,000

13,14,04,80,625

13,14,04,80,625

7,000

4,04,52,12,987

3,20,78,72,447

1,98,61,19,573

3,70,21,88,341

18,64,17,134

200

12,364

Schedule to Profit & Loss Account for the year ended 31st March, 1980 COAL INDIA LIMITED

SCHEDULE OF SOCIAL OVERHEADS

SCHEDULE 9

For the year
ended 31.3.79

Rs

13,63,931
1,42,914
4,65,987
8,27,416
4,98,265
1,49,184
54,442
85,156
1,19,261
2,62,135

Salaries, Wages, Bonus and Allowances
Consumption of Stores and Spare parts
Repairs & maintenance to Township, Hospital and others
Reimbursement of medical expenses
Hospital expenses
Donation to Schools and Institutions
Sports and recreation grants
Depreciation
Power
Other benefits

Rs

12,93,002
1,20,877
3,91,931
9,33,345
5,77,066
1,35,251
50,895
88,635
85,327
3,53,548

39,68,691

1,48,300

38,20,391

Less : Earnings from Social overheads

40,29,877

1,47,436

TOTAL

38,82,441

SCHEDULE OF WORKMEN & STAFF WELFARE EXPENSES

SCHEDULE 10

For the year
ended 31.3.79

Rs

6,792
58,060
1,35,586
13,24,318
70,109
13,114
1,94,948
18,02,927

Educational allowance and expenses
Salaries, Wages, Bonus & Allowances
Uniforms
Leave Travel
Trainfare to staff
Canteen up-keep and refreshment
Others

Rs

6,591
61,459
49,479
13,41,641
65,296
1,43,568
53,573
17,21,607

TOTAL

17,21,607

SCHEDULE OF REPAIRS

SCHEDULE 11

For the year
ended 31.3.79

Rs

1,79,519
14,15,277
3,90,818
19,85,614

Factory/Office buildings
Plant & Machinery
Others

TOTAL

Rs

1,73,185
10,63,002
5,39,478
17,75,665

Schedule to Profit & Loss Account for the year ended 31st March, 1980

COAL INDIA LIMITED

SCHEDULE OF MISCELLANEOUS EXPENDITURE

For the year
ended 31.3.79

Rs	
11,68,861	Travelling expenses
3,32,797	Advertisement
63,128	Bank charges
4,27,032	Printing and stationery
11,80,399	Postage, Telephone & Trunk calls
1,626	Freight
67,537	Training fees and expenses
15,936	Entertainment
1,29,373	Rent on office equipment
46,844	Subscriptions
5,690	Demurrage
4,049	Rescue and safety expenses
14,610	Conference & seminars
3,80,000	Contract Work-Project Report for pricing policy
18,120	Faculty cost
14,579	Guest House expenses
7,100	MD External Nomination
14,109	MD Periodicals
120	Registration fees
93,987	Rewards, Donation and courtesy services
17,865	Recruitment
—	Consulting expenses
—	MD others
4,21,318	Others
44,25,080	TOTAL

SCHEDULE 12

Rs
11,29,291
4,62,726
67,806
4,02,179
11,09,126
507
75,587
24,267
1,44,658
38,744
3,295
2,582
9,765
—
13,321
—
842
1,760
1,060
85,775
1,026
10,000
1,056
4,98,943
40,84,316

SCHEDULE OF OTHER RECEIPTS

For the year
ended 31.3.79

Rs	
62,93,93,038	Interest
24,262	From Subsidiary Companies
1,952	From Bank on fixed deposit
67	From Employees on Conveyance advances
—	From customers
56,600	Tender money
1,35,798	Rent from houses and furniture
4,69,604	Subsidy
18,256	Canteen recovery
22,14,794	Service charges
22,964	Guest house charges
73,337	Postal orders, etc. from applicants
77,954	Land rent assessment, toll collection, etc.
78,085	Workshop credit external
2,25,670	Transportation, bamboo matting, registration, etc.
50,000	Other project corrosion from CMPDIL
1,21,864	Miscellaneous Income—General administration
—	Hire charges for CIL Management Institute
—	Others
63,29,64,245	TOTAL

SCHEDULE 13

Rs
45,59,18,390
30,364
9,190
45,59,57,944
81,062
1,40,029
9,74,060
17,048
70,06,170
50,691
84,531
79,912
8,502
1,01,790
49,000
62,672
26,829
41,582
46,46,81,822

COAL INDIA LIMITED

SCHEDULE OF PRIOR PERIOD ADJUSTMENT

Rs		Rs		Rs	
800	To Rescue and safety expenses	—	25,962	By Rent	—
749	" Ex-gratia payment	—	—	" Sales (Coal)	42,280
1,08,287	" Depreciation	91,391	2,949	" Stores and spares	—
19,023	" Insurance premium	—	10,120	" MD external nomination expenses	—
4,480	" Rent	642	50	" Faculty cost	—
22,381	" Stores and spares	—	4,332	" Electricity	—
6,057	" Printing & stationery	12,240	8,600	" Rescue and safety expenses	—
20,400	" Land revenue	—	92,489	" Railway siding	—
13,949	" TA & DA	—	227	" Purchased repairs	—
2,487	" Subscription to periodicals	—	3,05,691	" Apex office charges	1,43,095
1,686	" Hire charges	—	18,074	" Depreciation	7,838
28	" Postage & Telegram	—	—	" Advertisement/press expenses	10,746
9,694	" Advertisement	—	—	" TA & DA	4,815
46,295	" Machine installation charges	—	—	" Postage & Telegram	10,403
25,804	" Medical reimbursement	41	—	" CMPF — DLI	36,098
308	" LTC	—	—	" Balance transferred to	—
12,751	" Electricity	—	—	Profit & Loss Account	20,22,933
11,003	" Workshop bill	—	—		
—	" Contribution to PF	12,53,546	—		
3,370	" Management development expenses	—	—		
3,000	" Rewards and donation	—	—		
5,634	" Safety welfare expenses	—	—		
2,965	" Purchased repairs	3,17,750	—		
2,132	" Apex office charges	—	—		
18,105	" Miscellaneous expenses	57,094	—		
—	" Salaries & wages	4,91,564	—		
—	" Audit fees and expenses	1,000	—		
—	" Provision for rate variance	50,000	—		
—	" CMAL — SPF	2,940	—		
1,27,106	" Balance transferred to	—	—		
	Profit & Loss Account	—	—		
4,68,494	TOTAL	22,78,208	4,68,494		22,78,208

Notes to the Accounts for the year ended 31st March, 1980

This forms part of the Balance Sheet as at 31st March, 1980 and the Profit & Loss Account for the year ended on that date

SCHEDULE 15

1. Agreement with CMPDIL for transfer of assets and liabilities as a result of the formation of Subsidiaries on 1.11.75, has yet to be entered into.

2. Fixed Assets

(a) Registers of Fixed Assets were not complete in all respects in a few cases in regard to NEC and Regional Offices and physical verification could not be done in some cases.

(b) Title deeds for land, buildings and mining rights acquired after 9th July, 1973 could not be produced to the auditors.

(c) Some of the vehicles vested in the Company were not registered in the Company's name.

(d) Assets and liabilities as on 31.3.1980 and income and expenses of some of the vested mines, the management of which has not been taken over, have not been included in these accounts.

3. Current Assets

(a) Quantities of stores for which stock records are maintained at colliery level in NEC have not been physically verified and fully reconciled, in some cases. In other cases stores have been valued at estimated prices for want of actual purchase prices, whereas in some other cases these have been valued at average cost after arriving at the quantity on physical verification.

(b) In some cases credit balances of sundry debtors could not be linked and adjusted. Such balances have been grouped under 'Other Liabilities.'

4. Loans and Advances

(a) There were delays in some cases in recoveries/adjustments of advances to staff particularly in respect of transferred staff and for purchase of plant and machineries, including those in transit and stores.

(b) Subsidy has been taken into account on the basis of claims submitted.

(c) In some cases advances to suppliers could not be linked and adjusted. Subsidiary ledgers of

advances could not be fully reconciled with control account. Advance paid for purchase of land could not be adjusted pending registration.

(d) Company's expenditure on construction of tenements for coal mine workers amounting to Rs 10.56 lakhs (less Rs 1.38 lakhs written off in 1977-78) has been booked to buildings, and is being written off in a period of four years.

5. Current Liabilities

(a) In some cases partywise liabilities have been 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.

(c) In some cases partywise ledger balance could not be reconciled with control accounts.

(d) Gratuity has been charged on cash basis.

(e) Other deposits include Rs 578.88 lakhs received from erstwhile Coal Board/Government of India in respect of subsidy for which the full particulars have not been received and hence could not be adjusted in the accounts.

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 Overdraft

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 limits of the relative Divisions and the corresponding Bank Overdraft balances as on 1st November, 1975 were also transferred to the Subsidiaries. The Company having retained the balance in Bank's overdraft account corresponding to the portion of credit facilities used by it. As a result of transfer of the assets and liabilities to Subsidiaries, the balance of overdraft retained by

the Company has become technically unsecured. However, according to the interim arrangement with the Banks their advances to the Company as well as to the Subsidiaries are secured against stock of coal, coke, other materials, stores and spares and book debts of the Company and some of its Subsidiaries collectively.

8. Interest on Deposit

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

9. Capital Commitment

Estimated amount of contracts remaining to be executed on capital account not provided for amounts upto Rs 1383 lakhs.

10. Contingent Liabilities

For claims against the Company not acknowledged as debts :

(a) Suits against the Company Rs 27.44 lakhs (includes Rs 3.11 lakhs relating to assets transferred to CCL). Quantum of amount in respect of suits filed including compensation cases against the Company could not be ascertained.

(b) Bharat Coking Coal Limited's two overdraft accounts of Rs 2100 lakhs and Rs 200 lakhs have been guaranteed by the Company.

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

11. Sales

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

12. Consumption of Stores

(a) In some cases the purchase of stores and spares have been directly debited to consumption account.

(b) Stores issued to contractors has been treated as consumption of stores and recoveries as and when made have been credited to consumption of stores.

13. Others

(a) In some cases salaries, wages, stores, etc., in respect of repair jobs in workshops and social overheads have been debited to salaries, wages, consumption of stores and other expenses — miscellaneous.

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

(c) The net provision of Rs 7.64 lakhs has been made in the year's accounts after review of all debtors including deductions made or to be made, bringing the total provision of Rs 97.92 lakhs.

(d) In case of NEC, the following expenses/income have been accounted for on cash basis :

Expenses

- (i) Leave travel ;
- (ii) Travel expenses/Advances for travelling ;
- (iii) Under-loading charges ;
- (iv) Pension ; and
- (v) Workmen's compensation.

Income

- (i) Insurance claims ;
- (ii) Overload coal sales ;
- (iii) Sale of scraps ;
- (iv) Interest on loan from employees for purchase of motor car, house building, etc. ; and
- (v) Recovery of electric and vehicle charges.
- (e) According to past practice followed no provision for the losses of the Subsidiaries or revaluation of the "Investments" in the said Companies has been made in the accounts.

14. Auditors' Remuneration

Auditors' fees and expenses have been provided on the basis of recommendation of the Board of Directors, pending approval by the Company Law Board.

15. Accounts with Subsidiary Companies and Others

(a) The differences between the balances of the Subsidiary Companies with those of the Holding Company in the accounts of the Subsidiary Companies have been ascertained and are being located and adjusted.

(b) Debit and credit balances of personal accounts of the sundry debtors, sundry creditors, loans and advances, deposits, etc., are unconfirmed.

16. Borrowing Limit

Sanction for borrowing limit as contemplated under Section 293(1)(d) of the Companies Act, 1956 is being obtained in the ensuing Annual General Meeting.

17. In accordance with the decision of the Government to treat non-plan loans as interest-free by a grant of corresponding subsidy an amount aggregating to Rs 46.89 crores comprising of interest accrued and due (Rs 32.15 crores) and interest accrued and not due (Rs 14.47 crores) has been taken credit of in the account.

18. As a result of observation of Commercial Audit after the approval of the accounts by the Board of Directors on 7th October, 1980 and submission of the report on the accounts by the Statutory Auditors on 9th October, 1980 the Accounts were revised to correct the mistakes in under provision of interest, prior period adjustments, wrong credits by Banks and for balance of cash with a departmental assistant/ Drafts and Cheques in hand and addition of Note No. 17. Consequent to these corrections the loss for the year has increased from Rs 181,05,931 to Rs 2,04,95,661 and the loss carried over to Balance Sheet has increased from Rs 112,93,32,576 to Rs 113,17,22,306.

19. Directors Remuneration

	1979-80 Rs	1978-79 Rs
I. Salaries	92,366	84,024
Company's contribution to Provident Fund and other Funds	7,758	5,819
Leave Travel Concession	—	—
Medical benefits	4,662	1,530
Perquisites	20,977	16,731

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 period :

	Employed throughout the period		Employed for part of the period	
	1979-80	1978-79	1979-80	1978-79
(i) Number of employees	19	6	10	15
(ii) Salaries, allowances etc.	8,45,058	2,49,576	2,17,845	2,05,940
(iii) Contribution to PF	61,364	18,075	15,834	14,529

The information required in paragraphs 3 and 4 of Part (ii) of the Schedule (VI) in the Companies Act, 1956-3(b) *Value of Imports on CIF Basis* :

	1979-80	1978-79
	Rs	Rs
(i) Raw materials	—	—
(ii) Capital goods	—	—
(iii) Stores, spares and components	3,534	13,983

Expenditure incurred in Foreign Currency on account of :

(i) Know How	40,766	83,556
(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 FOB basis)	—	4,40,644
(ii) Exchange variation	—	—
(iii) Miscellaneous	—	—

Capacity, Production, Sales, and Stock

(a) Installed capacity	NA	NA
(b) Production capacity	NA	NA
(c) Estimated material consumption	23,000	2,96,000

	OPENING STOCK				PRODUCTION	
	1979-80		1978-79		1979-80	1978-79
	Quantity '000 MT	Value Rs lakhs	Quantity '000 MT	Value Rs lakhs	'000 MT	'000 MT
Coal : (Run-of mine and hand picked)	2	2	2	1.17	563	623
Bricks — Class I ('000)	36	0.07	968	2	3148	2788
Class II ('000)	120	0.24	56	0.11	150	183
Arch bricks	15	0.03	41	0.08	505	586
Broken bricks ('000 cft)	3	0.01	3	0.01	20	9

	TURNOVER				CLOSING STOCK			
	1979-80		1978-79		1979-80		1978-79	
	Quantity '000 MT	Value Rs lakhs	Quantity '000 MT	Value Rs lakhs	Quantity '000 MT	Value Rs lakhs	Quantity '000 MT	Value Rs lakhs
Coal : (Run-of-mine and hand picked)	562	607.32	623	477.73	2	2.85	2	2
Bricks — Class I ('000)	3042	6.04	3720	9.22	142	0.29	36	0.07
Class II ('000)	169		119		101	0.20	120	0.24
Arch bricks	520		611		—	—	15	0.03
Broken bricks ('000 cft)	19		9		4	0.02	3	0.01

Value of raw materials, etc., stores, spares and components consumed during the period :

	Raw materials	Percentage	Stores, spares, & components (Rs in lakhs)	Percentage
Imported	—	—	0.23	0.29
Indigenous	—	—	79.87	99.71
TOTAL			80.10	100.00

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

R N Sharma
Chairman

As per our separate report of even date

For J L Sengupta & Co.
Chartered Accountants
K Ghosh
Partner