

ANNUAL REPORT & ACCOUNTS

2000-2001



CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED

(A Subsidiary of Coal India Limited)

GONDWANA PLACE, KANKE ROAD, RANCHI 834 008

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MANAGEMENT DURING 2000 - 2001**FULL TIME**

- | | | | |
|----|----------------------|---|---|
| 1. | Shri S. K. Varma | : | Chairman-cum-Managing Director
(Upto 12.12.2000) |
| 2. | Shri R. C. Goyal | : | Chairman-cum-Managing Director
(Actg.) (Upto 31.10.2000) |
| 3. | Shri B. Akala | : | Chairman-cum-Managing Director
(From 12.12.2000) |
| 4. | Shri K. K. Khadiya | : | Director (Upto 31.05.2000) |
| 5. | Shri V. P. Talwar | : | Director (Upto 31.12.2000) |
| 6. | Shri J. P. Singh | : | Director |
| 7. | Shri M. K. Sinha | : | Director (From 25.01.2001) |
| 8. | Shri A. Mukhopadhyay | : | Director (From 01.02.2001) |
| 9. | Shri N. P. Bhati | : | Director (From 20.03.2001) |

PART TIME

- | | | | |
|-----|-------------------|---|----------------------------|
| 10. | Shri M. K. Thapar | : | Director (From 17.08.2000) |
| 11. | Shri N. K. Sharma | : | Director |
| 12. | Prof. A. K. Ghose | : | Director |
| 13. | Prof. S. K. Bhan | : | Director |
| 14. | Dr. L. K. Singhal | : | Director |

COMPANY SECRETARY

: Shri V. Prakasa Rao

BANKERS

: State Bank of India,
United Bank of India,
Union Bank of India,
Bank of India,
Canara Bank,
Bank of Maharastra,
Oriental Bank of Commerce,
Indian Overseas Bank,
State Bank of Indore,
Central Bank of India.

AUDITORS

: M/s De Chakraborty & Sen
Chartered Accountants
Calcutta.

REGISTERED OFFICE

: Gondwana Place, Kanke Road,
Ranchi - 834 008, Jharkhand, India

PRESENT MANAGEMENT

FULL TIME

1. Shri B. Akala : Chairman-cum-Managing Director
2. Shri J. P. Singh : Director

PART TIME

3. Shri M. K. Sinha : Director
4. Shri M. K. Thapar : Director
5. Prof. S. K. Bhan : Director
6. Dr. L. K. Singhal : Director
7. Prof. A. K. Ghose : Director

NOTICE FOR 26th ANNUAL GENERAL MEETING

Ref. : CS/AGM-26/2001/4078

Dated : 17.09.2001

Notice is hereby given to all the shareholders of Central Mine Planning & Design Institute Limited that the 26th Annual General Meeting of the Company will be held on Monday the 24th September, 2001 at 3.30 P.M. at the Registered Office of the Company, Gondwana Place, Kanke Road, Ranchi to transact the following business :—

1. To receive and adopt the Balance Sheet as on 31st March, 2001, Profit & Loss Account for the year ended on that date along with the schedules attached thereto and the Auditors' Report thereon along with the replies given by the management.
2. To receive and adopt the Report of the Board of Directors for the year 2000-2001.
3. To fix the remuneration payable to Auditors for the year 2001-02.
4. (i) To appoint a Director in place of Shri N. K. Sharma who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
(ii) To appoint a Director in place of Shri M. K. Sinha who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
(iii) To appoint a Director in place of Prof. S. K. Bhan who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
(iv) To appoint a Director in place of Dr. L. K. Singhal who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
(v) To appoint a Director in place of Shri M. K. Thapar who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
(vi) To appoint a Director in place of Prof. A. K. Ghose who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.

By Order of the Board of Directors
For Central Mine Planning &
Design Institute Limited

Sd/-

(V. Prakasa Rao)
Company Secretary

N. B.

A member entitled to attend and vote, is entitled to appoint a proxy to attend and vote instead of himself and the proxy need not be a member of the Company.

To

All the Shareholders, Directors and Auditors of the Company.

DIRECTORS' REPORT

To
The Shareholders,
Gentlemen,

Your Directors have great pleasure in presenting the 26th Annual Report on the working of your Company along with the Accounts for the year ended 31st March, 2001 and Auditors' Report thereon.

The main functional area of your Company is to provide adequate and up-to-date planning, design and technological supports to Coal India Limited and its coal producing subsidiaries to enable them to produce the planned quantity of coal efficiently and economically with due attention to safety, conservation, quality and environment. In addition your company also provides the necessary consultancy services for the clients outside Coal India Limited in India and abroad. The Quality Management System of CMPDI, Ranchi is certified under international standard — ISO 9001 : 1994 by BVQI (UK) and now covers the following services :

1. Consultancy in Mineral Exploration and Environmental Management.
2. Planning & Design in Mining, Civil & Architectural Engineering, Coal Preparation & Utilisation, Electrical & Mechanical Engineering, Mining Electronics, Geomatics and Mine Construction.
3. Laboratory testing facilities for the above.
4. Technical & Management Training in Mineral & Mining Sector.

Major services offered by your Company are :

- **Perspective Planning** — Assessment and projection of Coal demand on long term basis.
- **Geological exploration & drilling** — Detailed geological exploration of regionally explored blocks with a view to project adequate and reliable geological and geo-

engineering data for preparation of mining project report and choice of projects, geophysical survey through multi-probe geophysical logging, identification of Coal Bed Methane Resources, high resolution shallow seismic survey etc. Hydrogeological investigations and remote sensing through aerial photos, satellite data and airborne scanner.

- **Project Planning** — Preparation of pre-feasibility reports, bankable feasibility reports and detailed feasibility report, detailed Project Reports and working drawings for mines, coal and mineral beneficiation and utilisation plants, coal handling plants, workshops, captive thermal power stations and other ancillary units and infrastructure facilities including techno-economic evaluation of various schemes and project reports for investment decisions.

- **Detailed Design of System & Sub-system** — Detailed design of system and sub-system for mines, beneficiation and utilisation plants, Coal Handling Plants, Power Supply Systems, Workshops and other units.

- **Research & Development** — Applied research and development in the fields of mining, beneficiation, utilisation, environment, exploration etc. serving as nodal agency for all S&T schemes funded by Ministry of Coal and R&D schemes funded by R&D Board of CIL.

- Laboratory testing and data generation.
- Environment
- Human Resource Development

In addition to above following Specialised services are also offered by your company :

- Ventilation & Gas survey
- Controlled Blasting
- Performance evaluation of new explosives
- Mining Electronics

- Mine capacity Assessment
- Mine Support Design, Rock Mass Rating (RMR)
- Non-Destructive Testing

Your Company has been and is actively involved in the identification, critical examination and evaluation of all bilateral projects for transfer of various technologies for coal mining, so as to improve the production, productivity and conservation in CIL mines.

Your Company is functioning with seven Regional Institutes located at Asansol, Dhanbad, Ranchi, Nagpur, Bilaspur, Singrauli & Bhubaneswar with its headquarters at Ranchi.

1.0 CORPORATE PERFORMANCE

During the year under review your Company sustained a net loss of Rs.452.42 Lakhs (after tax). The working results of the company are given below :

	(Rs. in lakhs)
Sales	15598.32
Less : Total Net Expenditure	15749.62
Gross Loss	151.30
Add : Depreciation	304.02
Interest	33.21
Provision	14.14
	351.37
Loss for the year	502.67
Less : Prior Period Adjustment	121.90
Loss before Taxation	380.77
Add : Provision for Taxation	71.65
Net Loss after Tax	452.42

2.0 PROJECT PLANNING & DESIGN

During 2000-2001, CMPDI was engaged in preparation of project reports for new/expansion/re-organisation mines for building of additional production capacity. In addition to this, the following jobs were undertaken :

- Revision of project reports/cost estimates
- Special reports for safety, development of infrastructures, operation plans for large OC mine, EMPs etc.
- Detailed design and drawings, drawal of specifications, NIT, tender scrutiny etc.
- Mine capacity assessment of underground & opencast mines of CIL.

During the year 2000-2001, expert consultancy services were also provided to subsidiary companies of Coal India Limited in the field of Environmental Management and Monitoring, Remote Sensing, Energy Audit, Physico-mechanical Test on Rock and Coal Samples. Subsidence Studies, Strata Control, Non Destructive Testing (NDT), Controlled Blasting, Vibration Studies and Explosive Utilisation Mining Electronics etc.

During 2000-2001, a total of 253 reports have been prepared.

The break-up of reports prepared has been given below in Table-1.

Table - 1

Geological Reports	19
Project Reports	22
Revised Project Reports	5
Revised Cost Estimates	4
Special Reports	20
Operational Plan	17
Other Studies	145
EMPs	21
TOTAL	253

During the year Operation plan (2000-01) for Sonapur-Bazari OCP, ECL & FR for Krishnashila OCP, NCL were prepared completely through Mine Planning Software (MINEX).

3.0 OUTSIDE CONSULTANCY

During the year 2000-2001, consultancy services were provided to 22 organisations

for 35 jobs. Some of the important clients/organisations to whom services were provided are Indian School of Mines, Neyveli Lignite Corporation Limited, Punjab State Electricity Board, Haldia Dock Complex, Integrated Coal Mining Private Limited, Jayaswals NECO Limited, The Singareni Collieries Company Limited, TISCO, MOEF etc. Presently, 16 outside consultancy jobs are in hand for 9 organisations like Punjab State Electricity Board, The Singareni Collieries Company Limited, Central Pollution Control Board, Madhya Pradesh Pollution Control Board, Ministry of Environment and Forests, National Bank for Agriculture and Rural Development (NABARD), Indian Bureau of Mines, Nagpur etc.

During the year 2000-2001, 26 jobs worth Rs.265.74 lakhs from 17 organisations were procured by CMPDI.

4.0 EXPLORATION

CMPDI continued the Detailed Exploration of CIL and Non CIL blocks and Promotional Exploration in North Karanpura CF during the year 2000-2001 by engaging its own drilling resources along with the resources of Mineral Exploration Corporation Ltd. (MECL), State Govts. of M. P. and Orissa.

4.1. Drilling Performance for 2000-2001

During the year 2000-2001, fifteen coalfields were selected for Detailed Exploration and drilling was conducted in 69 CIL blocks (52 exploration blocks & 17 Production Support/ Developmental blocks) spread over in the states of West Bengal, Jharkhand, Maharashtra, M.P., Chattisgarh and Orissa. Three blocks were taken up for Promotional Exploration in North Karanpura (2) and Wardha Valley Coalfield (1). Detailed Exploration was carried out in 7 Non-CIL blocks by CMPDI in Ramgarh, Katol, Sohagpur and Talcher coalfields. MECL also conducted Detailed Exploration in 6 Non-CIL blocks in Raniganj, E. Bokaro, Wardha, Sohagpur and Singrauli coalfields.

The overall performance of drilling in Detailed and Promotional Exploration by

CMPDI and its contractual agencies during 2000-2001 is given below :

Agency	Annual Target 2000-01 (m)	Achievement 2000-01 (Detailed Drilling in CIL & Non-CIL Blocks and Promotional Drilling)			Achieved 1999-2000 (m)
		Achieved	Achiev. %	+/- (m)	
CMPDI	192,000	196,194	102	4,194	196826
MECL	40,500	48,350	119	7,850	8925
State Govt.	8,500	8,705	102	205	9065
Pvt. Parties	—	43	—	43	928
Total	241000	253292	105	12292	215744

No drilling target was allotted to MECL and Pvt. Parties in CIL blocks during 2000-01 at the time of formulation of Annual Action Plan. MECL, however, drilled 709 m in CIL areas at the instance of CMPDI. The scheme of Detailed Exploration in Non-CIL blocks was cleared by EFC in Sept., 2000 and MECL was allotted drilling of 40,500 m to be conducted during 2000-01 in Non-CIL blocks, against which 47,640 m of drilling was completed by MECL. MECL therefore, drilled 48,350 m in CIL and Non-CIL blocks during 2000-01.

During 2000-01, the actual achievement of drilling by all agencies was 2,53,292 m. The total drilling was 37,548 m more than that achieved in 1999-2000. This was due to the increase in allotment of drilling to MECL in Non-CIL blocks.

Against the target of 1,92,000 m of drilling, the actual performance has been 1,96,194 m i.e. 102% of the target.

4.2 Detailed Exploration in Non-CIL Blocks

EFC, in its meeting held on 13.9.2000, approved the proposal for "Perspective Plan for Detailed Drilling Programme in Non-CIL Blocks during IX Plan" for conducting detailed exploration by drilling of 2.67 lakhs m during the IX Plan at an estimated cost of Rs.73.18 Crores. This includes drilling of 37,500 meters in Non-CIL blocks done during 98-99, at an estimated cost of Rs.9.38 Crores (earlier approved by

Standing Finance Committee of MOC). A fund of Rs.10.0 Crores was released by the MOC in 2000-2001 against the BE provisions of Rs.22.38 Crores for detailed Exploration in Non-CIL blocks. The blockwise progress of Drilling for detailed Exploration in Non-CIL blocks during 2000-2001 is given below :

Agency	Company Command Area	Coalfield	Block	Target (m)	Achiev. of Drilling (m)
MECL	CCL	East Bokaro	Tenughat-Jhinkri		2,936
		Raniganj	Biharinath & Jaydeb-Khagra		27,507
	WCL	Wardha	Lohra Extn.		7,045
	NCL	Singrauli	Amella		5,967
	SECL	Korba	Kesla		4,185
Sub Total MECL				40,500	47,640
CMPDI	CCL	West Bokaro	Padraangi		4,809
		Katol	Hingna Bazargaon		1,831
	SECL	Sohagpur	Bodri & Bodri North		10,207
			Batura		1,213
	MCL	Talcher	Baitarni		5,048
			Konark		5,715
Sub Total CMPDI				27,000	28,823
Grand Total				67,500	76,463

4.3 Promotional Exploration

CMPDI continued Promotional Exploration in Pakri-Barwadih and Tandwa-Magadh (South) blocks of North Karanpura coalfields and started Promotional Exploration in one more block in Wardha Valley CF during 2000-01. The overall drilling achievement for Promotional Exploration was 13,992 m as detailed below :

Area	Coalfield	Block	Target 2000-01 (m)	Achieved 2000-01 (m)
CCL	North Karanpura	Pakri-Barwadih		6,348
		Tandwa South		7,423
WCL	Wardha Valley	Visapur/Ballarpur		221
Total			13,000	13,992

4.4 Hydrology

During 2000-01, 3 reports covering Hydrogeological investigations in OC mines of Korba, Singrauli and Talcher coalfields

were submitted. The report in respect of S&T project on "Optimal Extraction of Coal Locked in Pillars Underneath Aquifers and Fragile, Ecology at Piparia UG Mine, Johilla Coalfield" was submitted. The job of ground water investigations in Chedipada OCP in MCL was carried out.

4.5 Geological Reports

During 2000-01, a total of 19 Geological Reports were submitted. One GR was updated for CBM studies in Sudamdih area.

A reserve base of 1.87 Bt. was established, of which 1.14 Bt. of reserves were under "Proved" category and 0.73 Bt. were under "Indicated" category. Of the total reserves of 1.87 Bt., 1.83 Bt. are non-coking in nature and 0.04 Bt. are coking coals.

4.6 Geophysics

(i) During the year 2000-2001, 30,743.75 m of multi-parameter geophysical logging was carried out in 173 boreholes. A total of 158 nos. of Vertical Electrical Sounding (VES), 128.51 line km of Electrical Resistivity Profiling Survey and 24.37 line km of Magnetic Survey along with observations on 2080 stations were also carried out. In addition, 29.74 line km of Seismic Refraction Survey were carried out. Altogether 20 nos. of reports were submitted.

(ii) For the first time "In seam Seismic Survey" has been successfully carried out in the country by CMPDI in Rajendra UG mine of SECL. This is for probing the longwall coal seam panels ahead of mining by locating minor disturbances, obstacles, discontinuities, etc. to facilitate planning of panel ahead of working faces for smooth longwall mining.

(iii) Introduction of non-coring drilling technique supported by geophysical logging for coal exploration. This pilot survey was carried out in Giddi "C" block of South Karanpura Coalfield and the processing of the geophysical logs to derive proximate analytical parameters through the in-house developed SASLINT software package is

in advance stage of completion.

- (iv) For the first time Geophysical Surveys were carried out by CMPDI for selection of tube well sites in limestone terrain in areas around Bilaspur and the results were highly successful.

4.7 Geosystem

- (i) The geological modeling package, MINEX, was installed in all the Regional Institutes except RI-II. Training on MINEX operation for the geologists of RI's I, III and VI was completed.

Geological modelling through MINEX of Yekona II block. Wardha Valley CF was completed. The same is in progress in case of Sonepur-Bazari-II, Raniganj CF, Sisai, North Karanpura CF, Ponri, Korba CF and Mehrauli, Singrauli CF for geological reports and Parej East OCP, West Bokaro CF for operational plan.

- (ii) DATAMINE : Processing data of Gopal Prasad E/W for geological note and that of Kanaiaha II were completed, excluding structure.
- (iii) The in-house developed CEMPGEODOC V. 2.0 was installed outside CIL, in Singareni Collieries Company Limited, Kothagudem and two of their geologists trained.
- (iv) A "Pilot Project on Argada Block for CIL R&D Project on Geomining Statistical Data Base of South Karanpura Coalfield, CCL". All the basic data of Argada Block (Pilot Project) as furnished by CCL captured on electronic media were validated for geological modeling through MINEX. The basic data base is being finalised. The Pilot Project is envisaged to be completed by June, 2001. This is in part fulfillment of the total R&D Project titled "Geomining Statistical Data Base of South Karanpura Coalfield, CCL".

4.8 Exploration Laboratory

- (i) The exploration Laboratory of CMPDI analysed the Coal characteristics of 3064.39 m of coal cores during the year 2000-2001. A total of 8607 samples were analysed for various parameters.

- (ii) Installation of new equipments : Procurement & installation of Automatic Proximate Analyser & Automatic Calorimeter were completed.

- (iii) CIL R&D Project on "Resource Survey, characterisation and Blending studies of Low Volatile High Rank Coals for use in Steel Industries". Chemical analysis of 64 samples for proximate, 39 samples for ultimate, 58 samples for LTGK Coke Type, 59 samples for swelling index and 15 samples for GCV are completed.

5.0 COALBED METHANE

The demonstration project titled "Coalbed Methane Recovery & Commercial Utilisation" has been approved by the Government of India on 15.9.1999 under the S&T plan of the Ministry of Coal at an estimated cost of Rs.76.85 Crores. The project is being funded jointly by the Global Environment Facility (GEF), United Nations Development Programme (UNDP) and the Government of India (GOI). The duration of the project is 5 years. The project is to be implemented at the Sudamdih and Moonidih mines of BCCL. The CMPDI and BCCL are the implementing agencies on behalf of GOI.

During the year 2000-01, following activities have been undertaken or are in progress :

- (i) CMPDI prepared a scheme for establishing Integrated Information System for the CBM project at a cost of Rs.97.14 lakhs, which has been approved by the Competent Authority for the project (Operational Executive Steering Committee) on 3.4.2000 and is under implementation.
- (ii) The Bihar State Pollution Control Board has issued separate "No Object Certificates" on 21.9.2000 to Sudamdih and Moonidih for a period of one year. The EMP for the project along with the NOCs have been sent to the MOEF for their consideration for EMP clearance.
- (iii) The three international experts appointed in November, 2000, together with the Chief

Technical advisor visited the project sites at Dhanbad during 30.11.2000 to 6.12.2000, and identified the required equipment for Surface drilling & completion, UG drilling & completion, UG gas collection system, and laboratory equipment, together with their broad specifications, procurement of equipment services is under progress by UNIDO.

6.0 PERSPECTIVE PLANNING

Following jobs were carried out during 2000-01 by CMPDI :

- (i) Assessment of coal demand on CIL/ Planning Preparedness vis-a-vis long term linkage for the remaining years of IX plan & terminal years of X plan.
- (ii) Work relating to "Sub-group-I of the Working Group on Coal and Lignite" formed to assist the Working Group on the matter of Demand, Supply, Movement, Quality, International Trade and Infrastructure development for the coal sector in the X Five year plan is in progress.
- (iii) Extended help to Ministry of Coal & Coal India in allocation of Captive Blocks to private parties and actively participated in screening committee meeting for allotment of Captive Mining Blocks.

7.0 COAL PREPARATION

The major works done during the year 2000-2001 in the area of Coal preparation are :

7.1 Reports/Studies

- (i) Measures for stabilization of process of Modhuband Washery to produce designed output.
- (ii) Testing of Coal & study for evaluation of Performance of equipment at Piparwar CPP.
- (iii) Preparation of Conceptual Notes for Setting up of CPP at Magadh OCP & Amarapali OCP.
- (iv) Preparation of Conceptual Feasibility Report for production of superior quality non-coking

coal for dust injection from ECL mines including washability test.

- (v) Preparation of Project Report on Fire Fighting Organisation for dealing with occurrence of Fire in Washeries and other installation of BCCL.
- (vi) Provision of lifting beam at Kedla Washery, CCL.
- (vii) Technical assistance to BCCL for installation of 1 MT/annum demonstration plant for beneficiating LVCC from Golukdih at Patherdih washery complex, BCCL.

7.2 Testing of coal

- | | | |
|-------|--|--------------|
| (i) | Washability & Characterisation Studies | : 29 Samples |
| (ii) | Proximate Analysis | : 54 Samples |
| (iii) | Swelling Index | : 54 Samples |
| (iv) | LTGK | : 60 Samples |
| (v) | GCV | : 72 Samples |

8.0 COAL TECHNOLOGY

Following major jobs have been undertaken in Coal Technology for the year 2000-2001:

- (i) Report on identification of coal sources and evaluation of its properties for 25MW AFBC power Plant has been prepared for M/s Usha Martin Industries Ltd.
- (ii) Joint Inspection of softcoke/hardcoke manufacturing units (52 in number), linked with subsidiary companies of CIL, have been carried out with CIL & linked companies.
- (iii) Testing of two coal samples from WCL has been completed at Pilot Plant for finding its suitability in SSF production purpose.
- (iv) Commissioning of six SSF Plants (100 tpd) under private sector were carried out.

9.0 MINING LABORATORY

A total of 1557m of rock/coal cores and 84 samples of rock/coal from 53 underground workings were tested for physico-mechanical properties. Rock Mass Rating of roof strata was determined for 48 mines.

Subsidence prediction was carried out for 6 underground mines. Subsidence monitoring over longwall panel of Rajendra mine, SECL is under progress.

Non-destructive testings of mine winder components of 30 installations. 12 sets of cage suspension gear, 27 head gear pulley shafts, 2 shovels, 4 shaft pipe ranges, one coal bunker, one man cage bale frame and 9 coal tub draw bars were carried out.

10.0 RESEARCH AND DEVELOPMENT PROJECTS

10.1 S&T Projects Funded by MOC

The Research & Development activities in Coal Sector are being administered through an Apex Scientific body known as Standing Scientific Research Committee (SSRC) with Secretary (Coal) as its Chairman. The high level committee is entrusted with the vital task of planning, programming, budgeting and overseeing the implementation of R&D programmes in coal sector and also seeking application of research findings. The SSRC is assisted by four Standing Sub-Committees each dealing with one of the four relevant major areas of research viz.

- Production, productivity & Safety
- Coal Beneficiation
- Coal Utilisation
- Environment & Ecology

CMPDI acts as a nodal agency and co-ordinates R&D/S&T activities in Coal/Lignite sectors. The nodal agency invites the project proposals related to identified thrust areas from various implementing agencies, who have capability and necessary infrastructure in concerned field. CMPDI processes the same for funding through SSRC.

As on 31.3.2001, 40 projects are under various stages of implementation. During the year 2000-2001, 13 projects were sanctioned and 11 projects were completed and 1 project was terminated.

The following 11 projects have been completed during 2000-2001 :

- (i) Utilisation of Fly ash in agriculture.
- (ii) Evaluation of damages to underground coal mines caused by surface blasting vis-a-vis establishment of blast vibration threshold.
- (iii) In-situ stress measurement in underground coal mines and its application to stability analysis.
- (iv) Development of methodology for characterization of Indian coal by computer aided petrographic image analysis.
- (v) Evaluation of explosive performance through in the hole detonation velocity measurement.
- (vi) Field trial data acquisition system developed by CMRI.
- (vii) Development of innovative models for optimization of blast fragmentation and muck profile applying image analysis technique and sub-system analysis concept in Indian surface coal mining regime.
- (viii) Design and experimentation of cable bolting under adverse ground condition in thick seams for longwall gate and face dips.
- (ix/x)* Installation of 10 TPH slurry jig and spiral concentrator for beneficiation of fine coal at Rajrappa Washery.
- (xi) Environment and eco-system studies in Godavari Valley Coal belt – a geochemical and biological appraisal and redressal.

The summarised position of the status as on 31.3.2001 is as follows :

Ongoing projects as on 01.04.2000	–	39
Projects sanctioned during 2000-2001	–	13
Projects completed during 2000-2001	–	11
Projects dropped during 2000-2001	–	01
Projects on-going (as on 31.3.2001)	–	40

10.2 R&D Projects Funded by CIL R&D Board

R&D Board of CIL was constituted by Coal India in August, 1995. Field oriented research projects including transfer and absorption of new technologies are taken up in line with the identified thrust areas of the subsidiaries of CIL.

As on 31.03.2001, 9 R&D projects are under various stages of implementation. The summarised position as on 31.03.2001 is as follows :

(i) On-going projects as on 01.04.2000	-	11
(ii) Projects sanctioned during 2000-01	-	Nil
(iii) Projects completed during 2000-01	-	01
(iv) Projects dropped during 2000-01	-	01
(v) Projects on-going (as on 31.3.2001)	-	09

11.0 MINING ELECTRONICS

Major electrification activities performed by CMPDI during the period 2000-2001 are as follows :

11.1 Preparation of Feasibility reports/schemes

- (i) NIT for implementing Integrated Communication System for Lakhanpur Area, MCL submitted.
- (ii) Scheme & NIT for internet connectivity at MCL (HQ) prepared and submitted.
- (iii) Draft NIT documents of environmental monitoring system for Mine Rescue Station, WCL submitted.
- (iv) Draft Scheme on communication system including marketing network for WCL submitted.

11.2 Repairing/Development of Electronic Cards of HEMM Equipment/Gas monitors

- (i) 7 Nos. of CH₄ monitors repaired and calibrated.

- (ii) 103 Nos. of HEMM Electronics cards were repaired, tested and commissioned at various sites of CIL.

12.0 INFORMATION TECHNOLOGY

Information Technology Division to keep in tune with the governments IT initiatives CMPDI established Internet access on every desktop at the headquarters and is in the process of extending this service to the RIs and to the Production Subsidiaries. The CMPDI domain 'cmpdi. co. in' has been registered and the official web site is now hosted on the CMPDI server. A host of web based applications relating to the various projects are being developed as a part of this initiative.

13.0 ENVIRONMENTAL MANAGEMENT**13.1 EIA/EMPs**

- (i) During the year, CMPDI formulated 21 EMPs for Projects of the coal companies.
- (ii) Baseline environmental data was generated of EIA/EMP reports of new projects as well as for reorganisation/expansion projects.

13.2 Sewage Treatment Plant Schemes

Technical Scrutiny of design & drawings of sewage treatment plant for 5 World Bank funded projects of SECL was undertaken and completed.

13.3 Environmental Monitoring for Air, Water and Noise

The details of environmental monitoring work done by CMPDI during 2000-01 is given below :

Company	No. of Projects
ECL	21
CCL	59
WCL	78
SECL	57
NCL	10
MCL	20
TOTAL	245

13.4 Co-ordination of EMSC Schemes

CMPDI is the Nodal Agency for co-ordination and monitoring of ongoing environmental upgradation schemes sanctioned by Ministry of Coal under the head "Environmental Measures and Subsidence Control". CMPDI undertakes technical scrutiny of new proposals, preparation of agenda and minutes of the review meetings, fields visits to Project sites and disbursement of funds to the implementing agencies. During the year 8 numbers of EMSC schemes have been completed and 19 schemes are under implementation.

Ministry of Coal has constituted an Expert Committee comprising CMD, CMPDI as Chairman & Dir (T), CMPDI as convenor for monitoring and review of the implementation of EMSC schemes.

13.5 Special Studies

(a) *Selected Options for Stabilising Green House Gas Emission for Sustainable Development*

TERI has asked CMPDI to undertake a project titled "Selected Options for Stabilising Green House Gas Emission for Sustainable Development" funded by UNDP/GEF. Work on phase-I of the project, including preparation of Sector Status Paper for Coal Sector & Project Concept Report for following 3 identified areas has been completed and Report submitted to TERI during the year :

- (i) Clean Coal Technology for power Grade Coal.
- (ii) Preservation & Generation of Forest Cover in Mining Area
- (iii) Smokeless Domestic Fuel.

(b) *Environment Management Capacity Building — Technical Assistance Project : Mining Sub-component*

World Bank has funded grants to MOEF for undertaking the above project for non-coal

mining sector. CMPDI has been selected as National Consultant to assist CMRI, Dhanbad, the Executing Agency for Activity-1 of this sub-component of the project along with M/s Montgomery Watson as the International Consultant. The Activity - 1 contains "Review of existing mining and environmental policies. Legislation, standards and mechanism for monitoring compliance" for non-coal sector. The final report will be submitted in 1st Quarter of 2001-2002.

(c) *Study of Environmental Problems of Aravalli Hills and preparation of Action Plan for restoration of environmental quality*

The above job has been awarded by Central Pollution Control Board. The study has been undertaken for Gurgaon district of Haryana and Alwar district of Rajasthan. This study will continue for 2.5 years. The data collection/generation has been started.

(d) *Zoning Atlas*

Under the Zoning Atlas studies (a World Bank aided project), Madhya Pradesh Pollution Control Board has awarded EMP for Satna limestone belt and EMP for Korba Region. This requires preparation of Environmental Status Maps to be prepared using Remote Sensing Data.

(e) *Manganese Content*

- (i) Report on study to ascertain the reasons for increase in manganese in Handpump water of Chandrapur Rehabilitation site, Jhingurdah Project, NCL has been completed.
- (ii) Investigation of high level of manganese in mine water discharge of Parej (East) and KDH OCPs of CCL was carried out during 2000-01. Final Report for Parej (East) OCP has been submitted. Draft Report for KDH OCP has been submitted.

(f) *Dust Survey of N. K. Area of CCL*

Ambient Air Quality data for summer, post-monsoon and winter seasons has been

collected during the year 2000-2001. The study is in progress.

14.0 HUMAN RESOURCE DEVELOPMENT

495 persons were trained through 42 programmes at Staff Training College (STC) during the year 2000-2001. Main areas covered under these programmes included Technical Upgradation Programmes for Civil and E&M Engineers, Technical Programmes on Energy Conservation, Use of Total Station Surveying Instrument, Specialised Geological Techniques, Operation and Maintenance of Drilling Equipment and Drilling Camp Management, Computer Training. Two programmes each on Ethical issues in Mine Planning, Techno-Managerial Programmes for newly promoted executives were organised during the year. STC also conducted several programmes at customer's premises on their request. Besides, workshops on (a) In-Seam Seismic Interpretation and Risk Analysis and (b) Hydrogeology were also organised.

Out of a total of 42 programmes conducted during the year, 35 training programmes were of duration 5 days or more, thereby training 389 persons.

In addition to above programmes organized at STC, 215 executives and one non-executive were sent for different types of training outside the company out of which 99 executives were sent to IICM.

15.0 MANAGEMENT SYSTEM CONSULTANCY

Consultancy for establishment of ISO 9000 Quality Management System and ISO 14000 Environmental Management System, covering :

- Creation/documentation of the systems
- Related training support, and

- Implementation, certification and post certification support.

The above consultancy services have been provided for the following establishments :

ECL : Rajmahal Opencast project and Workshops of Mugma, Sodepur, Ukhra : ISO 9001 certification has already been cleared for Mugma workshop, the first ISO 9001 : 2000 certifications in coal industry.

CCL : For CRS Barkakana, 3 regional workshops, 8 unit workshops and Piparwar and KDH OCPs. The pre-assessment audit of Barkakana has been completed and the certification is expected within a couple of months.

WCL : Padmapur and Umrer OCPs.

SECL : Central workshops of Korba and Gevra, and unit workshop of Kusmunda : ISO 9002 : 1994 certification was awarded to Korba Workshop.

16.0 ENGINEERING SERVICES

16.1 Following major Civil Engineering Services were provided during 2000-2001

- (i) Successfully ventured in the new areas of design like design and construction of Sewage Treatment Plant, Food Protection-cum-Road Diversions, and Dynamic Analysis of Structures. One such significant achievement is towards the Consultancy provided to Mahanadi Coal Fields Limited for arresting vibration of the Silo of the Rapid Loading System at Bharatpur CHP.
- (ii) Preparation and updating of Norms and Standards : Preparation of the Guidelines for Planning, Design, Construction and Maintenance of Haul roads have been successfully completed which has been approved in the 62nd CMDs' Meet held on 2.3.2000 and is presently being circulated throughout the Coal India for its implementation. Guidelines for Maintenance

of Roads other than Haul roads has also been prepared and submitted to Coal India for review and its approval besides the above. Revision of the Coal India Civil Engineering Manual, Contract Management Manual and Quality Control Guidelines is presently under process.

- (iii) Constructed Sewage Treatment Plant for CMPDI (HQ) complex, which has been inspected by RMC Authorities as per the directives of the Commissioner, South Chhotanagpur Division and a Certificate about the successful operation of the Plant has been received from them. Presently, Civil Engineering Department is executing Sewage Treatment Plant for Indian Institute of Coal Management at their campus.

16.2 Following major E&M Engineering Services were provided during 2000-2001

(a) Energy Audit Management

After evaluation of three energy audit reports of CMPDI, Petroleum Conservation Research Association (under Ministry of Petroleum and Natural Gas), Government of India, has empanelled CMPDI as Energy Auditor on PCRA's Panel. 26 No. of Energy audit/Conservation reports were prepared for UG/OC mines of CIL.

(b) Inspection Services

CMPDI has taken up the work of third party inspection of materials like Cables, overhead conductors, Coal Tubes, Pipes, Wire ropes etc. purchased by SECL, Mahanadi Coal Fields Limited, CCL, BCCL, WCL and NCL.

(c) Coal Handling Plants/Workshop

- (i) Modification of Rajnagar OC CHP
- (ii) Failure analysis of Steel cord belt C4" of Gevra CHP.

- (iii) Feasibility note for introduction of secondary crushers in existing CHP of Mahanadi Coalfields Limited.
- (iv) Report on Various options of crushing for CHP of Rajmahal expansion CHP.
- (v) Modification in Circuit No. 4 of Bharatpur CHP.
- (vi) Workshop for Dipka OCP.

(d) Captive Power Plants

- (i) Feasibility Report for 10 MW CTPS for Wani Area, WCL.
- (ii) Tender document for supply, installation and commissioning of 3x1 MW DG sets on "Build, Own and Operate" Principle at 3 locations of SECL.

(e) Power Supply, Distribution and Control System

- (i) System design and tender document for fire detection, alarm annunciation and fire fighting system for new administrative building of NCL.
- (ii) Power supply reorganization at Korba area.
- (iii) Review of Power supply Arrangement at Hasdeo Area – Jamuna & Kotma Area.
- (iv) Protective systems for Mahakali UG Mine, WCL & Durgapur Rayatwari UG Mine, WCL.

17.0 MINE CONSTRUCTION SERVICES

- (i) Detailed designs of shafts & related structure of Pootkee – Balihari Pit No. 1, BCCL, Basra Shaft C, ECL, Churcha (E) shaft & Kurja – Shutaldhara Shaft No. 1, SECL were prepared.
- (ii) Consultancy for shaft repairing – Amlabad Colliery, Shaft No. 4, BCCL were provided.
 - Detailed design of the foundations of the winder, backstay and headframe – Bansra Shaft "C".

- Detailed design drawings of headframe foundation after strengthening of members – Bansra Shaft "C".
- Detailed design drawings of winder house and winder foundation – Churcha (E) Shaft.
- Detailed design drawings of shaft collar–Kujra–Sheetaldhara Shaft No.1.
- Scrutiny of design drawings – Rajnagar Shaft.
- Stability test of existing headframe – Rawanwara Khas Colliery Pit No. 1 & 3.

18.0 MANPOWER (AS ON 31.3.2001)

Executive	–	916
Non-Executive		
Monthly Rated	–	1601
Daily Rated	–	1083
		<u>2684</u>
Grand Total		3600

19.0 VIGILANCE

- The pending Disciplinary Proceeding cases of CMPDI are being reviewed by CMD, CMPDI every month.
- Every quarter a Committee comprising of Director (Operation), Chief Vigilance Officer and General Manager (P&A), CMPDI reviews the cases pending under the stages of Disciplinary Proceeding, suspension and Prosecution and a report is sent to Ministry with copy of CVO, Coal India Ltd., Calcutta every quarter regularly.
- During the period from 1.4.2000 to 31.3.2001, 15 (Fifteen) complaints were disposed of and 9 (Nine) investigations were completed. During the period 5 (Five) major penalty proceedings were completed resulting in imposition of minor penalty in 4

(four) cases. During the same period 1 (one) minor penalty proceeding was completed resulting in imposition of minor penalty to 1 (one) person.

20.0 DIRECTORS' RESPONSIBILITY STATEMENT

20.1 In the preparation of the annual accounts, the applicable accounting standards had been followed along with proper explanation relating to material departures;

20.2 The directors had selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the profit or loss of the company for that period;

20.3 The directors had taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the company and for preventing and detecting fraud and other irregularities;

20.4 The directors had prepared the annual accounts on a going concern basis.

AUDITORS

On the advice of the Comptroller and Auditor General of India M/s De Chakraborty & Sen, Chartered Accountants, Calcutta were appointed as Auditors of the Company for the financial year 2000-2001. They were also appointed Tax-Auditors for the year U/S 44 (AB) of the Income Tax Act, 1961.

ACKNOWLEDGEMENT

Your Directors are grateful to the Government of India particularly the Ministry of Coal, Coal India Ltd., and its Subsidiaries, State Governments and other Public Undertakings with whom your Company has to work in close contact for their co-operation and encouragement in fulfilling the tasks of the Company. We are thankful to

our esteemed clients. Singareni Collieries Company Limited, North-Eastern Council, Meghalaya, Indian Iron and Steel Company Limited, Tata Iron & Steel Company Limited, National Thermal Power Corporation Limited, Neyveli Lignite Corporation Limited for the confidence reposed in us and the patronage extended to us.

ADDENDUM

Particulars of employees required under Section 217 (2A) of the Companies Act, 1956 (Nil Report) and Comments of the

Comptroller & Auditor General of India under section 619 (4) of the Companies Act, 1956 are attached.

For and on behalf of
The Board of Directors

Ranchi

(B. Akala)

24.09.2001 Chairman-cum-Managing Director

AUDITORS' REPORT

MANAGEMENT'S REPLY

The Members,
Central Mine Planning & Design Institute Limited
Ranchi, Jharkhand.

We have audited the attached Balance Sheet of Central Mine Planning & Design Institute Limited as at 31st March, 2001 and the related Profit & Loss Account for the year ended on that date, both of which have been signed under reference to this report.

We report as follows :

1. As required by the Manufacturing and Other Companies (Auditors' Report) Order, 1988 issued by the Company Law Board in terms of section 227 (4A) of the Companies Act, 1956 and on the basis of such examination of books and records as we considered appropriate and according to the information and explanations given to us during the course of our audit we annex hereto a statement on the matters specified in paragraphs 4 and 5 of the said Order.
2. Further to our observations in the Annexure referred to in paragraph 1 above we report that :

(A) Comments on Accounts :

- | | |
|--|---|
| (i) Depreciation has not been provided at appropriate rates on plant and machinery included in Buildings (Policy No. 3.2.1 and 6.3.1 in Schedule 17). | This is the Accounting Policy of the Company followed since inception. |
| (ii) Buildings Cost or WDV include Rs.998.26 lakh standing on land belonging to other CIL Subsidiaries which has not been conveyed in favour of the company (Note 1.1.3 of Schedule 18). | No Comments. |
| (iii) No depreciation has been charged on Buildings included in Gondwana Land (Note No. 1.2.1 in Schedule 18). | This is the Accounting Policy of the Company followed since inception. The depreciation of the Old Building purchased alongwith land could not be charged in absence of separate value of the building. |

AUDITORS' REPORT

MANAGEMENT'S REPLY

- (iv) We are unable to express our opinion to the extent of realisability of old debts due from CIL Subsidiaries of Rs.295 lakh outstanding since 31/3/1993 (Note No. 3.1.2 in Schedule 18).

Though the realisation against old dues is slow, action has been initiated to reconcile Sundry Debtors in Coal India Subsidiaries and get their acceptance. Reconciliation in case of MCL is over and duplicate bills as required by MCL with non-payment certificate have already been submitted to them. Acceptance of Rs.31.00 lakhs by MCL against old outstanding dues is under process and is likely to materialise within a short period. Similar reconciliation with other subsidiaries - CCL & ECL is being taken up during the Financial Year 2001-02. With the completion of reconciliation with all the Subsidiaries entire debt is realisable.

- (v) As indicated in Note No. 3.2.1 in Schedule 18 some balances in Loans & Advances/Debtors are unconfirmed. Some balances of creditors are also not confirmed.

Efforts are being made to obtain confirmation.

- (vi) As indicated in Note No. 9.2.1 in Schedule 18 there are certain suits pending in court arising out of industrial and other disputes.

No Comments.

The quantum of contingent liability in this regard could not be ascertained by the management.

- (vii) Impact of the above comments (i) to (v) on profit/loss or assets/liabilities is unascertained. There is no impact of the comment (v) on any of them.

No Comments.

(B) Subject to our comments in paragraph (A) above :

- (a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit;
- (b) in our opinion, proper books of accounts as required by law have been kept by the Company so far as appears from our examination of the books;

AUDITORS' REPORT

MANAGEMENT'S REPLY

- (c) the Balance Sheet and Profit & Loss Account dealt with by this report are in agreement with the books of account;
- (d) in our opinion, the Profit & Loss Account and Balance Sheet comply with the requirements of the Accounting Standards referred to in sub section (3C) of section 211 of the Companies Act, 1956;
- (e) as per the records that could be produced before us and on the basis of representation made by the Chairman-cum-Managing Director and the Company Secretary and as recorded by the Board of Directors we report that no director of the Company is disqualified from being appointed as Director under clause (g) of sub-section (1) of section 274 of the Companies Act, 1956.
- (f) in our opinion and to the best of our information and according to the explanations given to us, the said accounts with Schedules thereto and read with Significant Accounting Policies (Schedule 17) and Notes on Accounts (Schedule 18), give the information required by the Companies Act, 1956 in the manner so required and give a true and fair view :
- (i) in the case of the Balance Sheet, of the state of affairs of the Company as at March 31, 2001 and
 - (ii) in the case of the Profit & Loss Account, of the loss of the Company for the year ended on that date.

For De Chakraborty & Sen
Chartered Accountants

Sd/-

Place : Kolkata (D. K. Roychowdhury)
Dated : Aug. 01, 2001 Partner

ANNEXURE TO THE AUDITORS' REPORT

MANAGEMENT'S REPLY

(Referred to in Paragraph 1 of our report of even date on the accounts of Central Mine Planning & Design Institute Limited for the year ended 31st March, 2001).

- | | |
|--|--------------|
| 1. The Company has generally maintained proper records showing full particulars including quantitative details and situation of fixed assets. A major portion of the assets has been physically verified by the Management in accordance with a phased programme of verification adopted by the Company. As explained to us, no material discrepancies were noticed on such verification. | No Comments. |
| 2. None of the fixed assets of the Company has been revaluated during the year. | No Comments. |
| 3. The stock of high value stores and spare parts has been physically verified by the Management during the year. Some low value items have also been verified on test basis. In our opinion, the frequency of verification is reasonable. | No Comments. |
| 4. In our opinion, and according to the information and explanations given to us, the procedures of physical verification of stock followed by the management are reasonable and adequate in relation to the size of the Company and the nature of its business. | No Comments. |
| 5. The discrepancies noticed on physical verification of stock as compared to book records were not material and have been properly dealt with in the books of account. | No Comments. |
| 6. In our opinion and on the basis of our examination, the valuation of stock is fair and proper in accordance with normally accepted accounting principles and is on the same basis as in the preceding year. | No Comments. |
| 7. The Company has not taken any loan, secured or unsecured from Companies, firms or other parties listed in the register maintained under section 301 of the Companies Act, 1956 ("The Act"). The Company has taken unsecured loan from its Holding Company, Coal India Ltd. However, the Company being a Government Company, the provisions of section 370 (1B) of "The Act" are not applicable. | No Comments. |

ANNEXURE TO THE AUDITORS' REPORT

MANAGEMENT'S REPLY

- | | |
|--|--------------|
| 8. The Company has not granted any loan, secured or unsecured, to Companies, firms or other parties listed in the register maintained under section 301 of "The Act". However, the Company, being a Government Company, the provisions of section 370 (1B) of The Act, 1956 are not applicable. | No Comments. |
| 9. Advances in the nature of loans given by the Company to its employees have generally been recovered regularly, with interest, as stipulated. In some cases unadjusted amounts against advances given for official purposes are being recovered from salary. | No Comments. |
| 10. In our opinion and according to information and explanations given to us, there are adequate internal control procedures commensurate with the size of the Company and the nature of its business for the purchase of stores, spare parts, components, plant & machinery, equipment and other assets and for sale of services. | No Comments. |
| 11. In our opinion and according to the information and explanations given to us, transactions of purchase of goods, materials, services and sale of services, made in pursuance of contracts or arrangements entered in the register maintained under section 301 of "The Act", 1956, aggregating during the year to Rs.50,000/- or more in respect of each party have been made at prices which are reasonable having regard to prevailing market price for such goods, materials or services or the prices at which transactions for similar goods or services have been made with the other parties. | No Comments. |
| 12. The company has last determined obsolete/surplus stores in the year 1998-99 and has made adequate provision in the accounts for loss arising on the items so determined. The Company feels immediately further review is not needed due to change of purchase procedures leading to minimization of generation of such stores. | No Comments. |
| 13. The Company has not accepted deposits from the public within the meaning of section 58A of "The Act" and the rules framed thereunder. | No Comments. |
| 14. The Company did not have any manufacturing activity during the year, hence the question of | No Comments. |

ANNEXURE TO THE AUDITORS' REPORT

MANAGEMENT'S REPLY

maintaining records for sale and disposal of realisable by-products and scrap does not arise. However, reasonable records for the sale & disposal of used stores, spare parts and surveyed-off assets which are termed by the Company as scrap, have been maintained.

15. The Company has appointed outside agencies of Chartered Accountants/Cost Accountants for Internal audit of Head Quarter and Regional Institutes, except Regional Institute - I, II & III (second half of the year) at Asansol, Dhanbad and Ranchi respectively. In our opinion, the Company has an internal audit system commensurate with its size and nature of its business. Locational and functional coverage, however, should be increased.

The Company has appointed firms of Chartered Accountants/Cost Accountants for Internal audit of H. Qr. and Regional Institutes for the year 2000-01 except the Regional Institutes No. I & II at Asansol & Dhanbad respectively. The Internal audit of RI-I Asansol & RI-II Dhanbad has been carried out continuously upto financial year 1999-2000. The firm of Chartered Accountants appointed to carry out the audit of RI-III at Ranchi did not turn up for the Internal Audit of the 2nd phase to cover the period from 01.07.2000 to 31.03.2001. The functional coverage during the year 2000-01 has also increased as compared to earlier years.

The compliance of Internal Audit queries is made after receipt of Internal Audit report and completed in the subsequent year. Updated information/compliance status in respect of Internal audit report for & upto the financial year 1999-2000 has been placed before the CMPDI Board in its 118th meeting held on 22.02.2001. There is improvement in the follow-up and effectiveness of Internal Audit.

16. We have been informed that the maintenance of cost records has not been prescribed by the Central Government under section 209 (1) (d) of "The Act".
17. The Company has been generally regular during the year in depositing provident fund dues with the appropriate authorities. According to the information given to us, Employees' State Insurance Scheme is not applicable to the Company.
18. According to the information and explanations given to us, there are no undisputed amounts payable in respect of Income-tax, Sales-tax, Customs Duty and Excise Duty which are

No Comments.

No Comments.

No Comments.

ANNEXURE TO THE AUDITORS' REPORT

MANAGEMENT'S REPLY

outstanding as on 31st March, 2001 for a period of more than six months from the date they became payable.

- | | |
|---|--------------|
| 19. According to the information and explanations given to us and the records of the Company examined by us in accordance with the generally accepted auditing practices, no personal expenses have been charged to revenue account, other than those payable under contractual obligations or in accordance with generally accepted business practice. | No Comments. |
| 20. The Company is not a sick industrial company within the meaning of clause (O) of sub section (1) of section 3 of the Sick Industrial Companies (Special Provisions) Act, 1985. | No Comments. |
| 21. In our opinion and according to the information and explanations given to us, the Company has a reasonable system of recording receipts, issues and consumption of stores commensurate with its size and nature of its business. | No Comments. |
| 22. The Company has a reasonable system of allocating mandays utilised to the relative jobs, commensurate with its size and nature of its business. | No Comments. |
| 23. There is a reasonable system of authorisation at proper levels and an adequate system of internal control commensurate with the size of the company and the nature of its business, on issue of stores, and allocation of stores and labour to jobs. | No Comments. |

For De Chakraborty & Sen
Chartered Accountants

Sd/-

Place : Kolkata
Dated : Aug. 01, 2001

(D. K. Roychowdhury)
Partner

**COMMENTS OF THE COMPTROLLER &
AUDITOR GENERAL OF INDIA UNDER SECTION 619 (4)
OF THE COMPANIES ACT, 1956 ON THE ACCOUNTS OF
CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED
FOR THE YEAR ENDED 31ST MARCH, 2001**

PROFIT AND LOSS ACCOUNT

Net Loss (before tax) Rs.380.77 lakh :

The above is understated by Rs.295.00 lakh due to non-provision for doubtful debts outstanding prior to 1992-93. This has also resulted in overstatement of Sundry Debtors to the same extent.

-Sd/-

(S. B. PILLAY)

Dated : Kolkata

The 21st September, 2001

PRINCIPAL DIRECTOR OF COMMERCIAL AUDIT &

EX-OFFICIO MEMBER, AUDIT BOARD - II

KOLKATA

Principal Secretary & Gen

Central Mine Planning & Design Institute Limited

1/1, Park Road, Kolkata - 700 016

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Pin : 700 016

State : West Bengal

Country : India

LABILITIES

25

REVIEW OF ACCOUNTS OF CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED FOR THE YEAR ENDED 31ST MARCH, 2001 BY THE COMPTROLLER AND AUDITOR GENERAL OF INDIA

Note : Review of accounts has been prepared without taking into account comments under section 619(4) of the Companies Act, 1956 and qualification contained in the Statutory Auditors' Report.

1. FINANCIAL POSITION

(Rs. in lakh)

	1998-99	1999-2000	2000-2001
LIABILITIES			
a. Paid up Capital	1904.00	1904.00	1904.00
(i) Government	—	—	—
(ii) Others – (All shares are held by Coal India Ltd. – Holding Company)	1904.00	1904.00	1904.00
b. Reserves & Surplus			
(i) Free Reserves & Surplus	2522.49	2524.10	1984.64
(ii) Share Premium Account	0.00	0.00	0.00
(iii) Capital Reserve	1731.85	1854.06	1592.36
c. Borrowings from			
(i) Holding Company	200.59	160.57	160.57
(ii) Financial Institution	0.00	0.00	0.00
(iii) Foreign Currency Loans (Credit)	0.00	0.00	0.00
(iv) Cash Credit	0.00	0.00	0.00
(v) Others	0.00	0.00	0.00
(vi) Interest Accrued and Due	20.87	20.87	20.87
d. (i) Current Liabilities & Provisions (excluding Provision for Gratuity)	6317.91	9487.07	14131.54
(ii) Provision for Gratuity	223.19	281.12	848.86
TOTAL	12920.90	16231.79	20642.84
ASSETS			
e. Gross Block	9889.66	10331.58	11368.25
f. Less : Cumulative Depreciation	4493.47	4824.25	5285.90
g. Net Block	5396.19	5507.33	6082.35
h. Capital Work-in-Progress	1161.04	1213.99	356.65
i. Investments	0.00	0.00	0.00
j. Current Assets, Loans & Advances	6101.79	9226.98	13855.19
k. Misc. Expenditure not written-off	261.88	283.49	348.65
l. Accumulated Losses	0.00	0.00	0.00
TOTAL	12920.90	16231.79	20642.84
m. Working Capital [j–d(i)–c(vii)]	– 236.99	– 280.96	– 297.22
n. Capital Employed (g+m)	5159.20	5226.37	5785.13
o. Net Worth [a+b(i)+b(ii)–k–l]	4164.61	4144.61	3539.99
p. Net Worth per rupee of paid up capital (in Rs.)	2.19	2.18	1.86

2. WORKING RESULTS

The working results of the company during the last three years ended 31st March, 2001 are given below :

		1998-99	1999-2000	2000-2001
	(Rs. in lakh)			
(i)	Sales	9926.56	9266.57	15598.32
(ii)	Less : Statutory Levies	0.00	0.00	0.00
(iii)	Net Sales	9926.56	9266.57	15598.32
(iv)	Other or Miscellaneous Income	69.77	93.23	191.43
(v)	Profit/Loss before Tax & Prior period adjustment	267.41	115.88	- 502.67
(vi)	Prior period adjustments	204.08	45.07	- 121.90
(vii)	Profit/Loss before tax	63.33	70.81	- 380.77
(viii)	Tax provision	24.59	69.20	71.65
(ix)	Profit after tax	38.74	1.61	- 452.42
(x)	Proposed Dividend	0.00	0.00	0.00

3. RATIO ANALYSIS

Some important financial ratio on the financial health and working of the company at the end of last three years are as under :

		1998-99	1999-2000	2000-2001
	(in percentage)			
A.	Liquidity Ratio			
	Current Ratio $[j/d(i)+c(vi)] \times 100$	96.26	97.04	97.90
B.	Debt Equity Ratio			
	Long term debt to equity			
	$[c(i) \text{ to } c(v) \text{ excluding short term loans/a}] \times 100$	10.54	8.43	8.43
C.	Profitability Ratio			
a.	Profit before tax to :			
	(i) Capital employed	1.23	1.35	- 6.58
	(ii) Net Worth	1.52	1.71	- 10.76
	* (iii) Sales	0.64	0.76	- 2.44
b.	Profit after tax to equity	2.03	0.08	- 23.76
c.	Earning per share (In Rupees)	20.35	0.85	- 237.62
	(Profit after tax/No. of share)			

4. SOURCES AND UTILISATION OF FUNDS

Funds amounting to Rs.331.53 lakh from internal and external sources were generated during the year as per details given below :

			(Rs. in lakh)
	SOURCES OF FUNDS		
(a)	Funds from operations :		
	(i) Profit after tax :	- 452.42	
	(ii) Add : Depreciation	461.65	
	Less : Depreciation charged to capital reserve	403.62	58.03
(b)	Decrease in Working Capital (including provision for Gratuity)		584.00
(c)	Capital Grant received		141.92
	TOTAL		331.53
	APPLICATION OF FUNDS		
(a)	Addition to Fixed Assets & Capital Work-in-Progress		179.33
(b)	Increase in Miscellaneous Expenditure		65.16
(c)	Tax for earlier years		87.04
	TOTAL		331.53

5. INVENTORY LEVELS

The inventory levels of stocks of stores and spares, raw materials, work-in-progress and coal and coke etc. at the end of three years ending 31st March, 2001 are as under :

	1998-99	1999-2000	(Rs. in lakh) 2000-2001
(a) Stock of stores & spares	403.97	384.26	373.19
(b) Work-in-progress	0.00	0.00	0.00
(c) (i) Stock of coal coke etc.	0.00	0.00	0.00
(ii) Provision for deterioration	0.00	0.00	0.00
(d) Stock of raw materials	0.00	0.00	0.00

	1998-99	1999-2000	(in months) 2000-2001
(i) Stock of stores & spares to consumption	9.09	8.11	7.82
(ii) Stock of coal & coke to sale	0.00	0.00	0.00
(iii) Stock of WIP to production	0.00	0.00	0.00
(iv) Stock of raw materials to consumption	0.00	0.00	0.00

6. SUNDRY DEBTORS

The Sundry Debtors vis-a-vis Sales in the last three years ending 31st March, 2001 are as follows:

Year	Considered good	Considered doubtful	Total	Sales	(Rs. in lakh) Percentage of debtors to Sales
31.03.1999	2150.59	10.64	2161.23	9926.56	21.77
31.03.2000	2589.81	117.00	2706.81	9266.57	29.21
31.03.2001	9623.86	36.92	9660.78	15598.32	61.93

The age-wise break-up of Sundry Debtors as at the end of the year 2000-2001 is as follows :

				(Rs. in lakh)
Debtors outstanding for	Dues from Govt. Deptt.	Dues from PSUs/ Corporation/Board	Dues from Private Parties	Total
Less than 6 months	1754.92	5966.60	0.01	7721.53
More than 6 months but less than 1 year	0.44	86.82	0.50	87.76
More than 1 year but less than 3 years	25.68	774.36	5.05	805.09
Above 3 years	15.36	1019.15	11.89	1046.40
TOTAL	1796.40	7846.93	17.45	9660.78

Sd/-

(S. B. PILLAY)

Dated : Kolkata
The 21st September, 2001

PRINCIPAL DIRECTOR OF COMMERCIAL AUDIT &
EX-OFFICIO MEMBER, AUDIT BOARD - II,
KOLKATA

BALANCE SHEET AS AT 31ST MARCH, 2001

		Schedule	As at 31st March, 2001 (Rs. in Lakh)	As at 31st March, 2000 (Rs. in Lakh)
SOURCES OF FUNDS				
SHAREHOLDERS' FUNDS				
(a)	Share Capital	A	1904.00	1904.00
(b)	Share Money pending allotment	B		
(c)	Reserves & Surplus	C	3577.00	4378.16
LOAN FUNDS				
(a)	Secured	D	0.00	0.00
(b)	Unsecured	E	181.44	181.44
TOTAL FUNDS EMPLOYED			5662.44	6463.60
SOURCES OF FUNDS				
FIXED ASSETS				
(a)	Gross Block	F	11368.25	10331.58
	Less : Depreciation		5285.90	4824.25
	Net Block		6082.35	5507.33
(b)	Capital Work in Progress	G	356.65	1213.99
Investment		H	0.00	0.00
CURRENT ASSETS, LOANS & ADVANCES				
(a)	Inventories	I	373.19	384.26
(b)	Sundry Debtors	J	9623.86	2589.81
(c)	Cash & Bank Balances	K	2334.36	4780.33
(d)	Loans & Advances	L	1093.38	1062.93
(e)	Other Current Asset	M	430.40	409.65
Total Current Assets, Loans & Advances			13855.19	9226.98
	Less : Current Liabilities & Provisions	N	14980.40	9768.19
	Net Current Assets		- 1125.21	- 541.21
MISCELLANEOUS EXPENDITURE				
(To the extent not written off or adjusted)		O	348.65	283.49
			5662.44	6463.60

Accounting Policy

17

Notes On Accounts

18

The schedules referred to above form an integral part of Accounts

V. Prakasa Rao
Company SecretaryN. P. Dhar
General Manager (F)J. P. Singh
DirectorB. Akala
Chairman-cum-Managing Director

In terms of our report of even date attached

For De Chakraborty & Sen
Chartered Accountants

Sd/-

(D. K. Roy Chowdhury)
Partner

Kolkata

Dated, Aug. 01, 2001

PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001

	Schedule	Current Year Year ending 31st March, 2001 (Rs. in Lakh)	Previous Year Year ending 31st March, 2000 (Rs. in Lakh)
INCOME			
Sale of Services	1	15599.32	9266.57
Coal issued for other purpose	2	0.00	0.00
Accretion/Decretion (-) in stock	3	0.00	0.00
Workshop job for own purpose	4	0.00	0.00
Other income	5	191.43	93.23
Total Income		15789.75	9359.80
EXPENDITURE			
Consumption of Stores & Spares	6	572.90	568.30
Employees Remuneration & Benefits	7	11541.75	5846.30
Social Overhead	8	768.97	666.84
Power & Fuel	9	170.98	145.67
Repairs	10	169.72	158.16
Contractual Expenses	11	1729.39	474.23
Miscellaneous Expenses	12	567.34	968.40
Total Expenditure		15941.05	8827.90
GROSS OPERATING PROFIT (+)/LOSS (-)		-151.30	531.90
Interest	13	33.21	31.18
Depreciation		304.02	271.65
Provisions	14	14.14	113.19
PROFIT (+)/LOSS (-) FOR THE YEAR		-502.67	115.88
Prior Period Adjustment	15	-121.90	45.07
Extra Ordinary items	16	0.00	0.00
NET PROFIT (+)/LOSS (-) BEFORE TAXATION		-380.77	70.81
Provision for Taxation		71.65	69.20
PROFIT (+)/LOSS (-) AFTER TAX		-452.42	1.61
Transferred to General Reserve		0.00	0.00
Profit (+)/Loss (-) After Transfer to General Reserve		-452.42	1.61
PROFIT UPTO THE PREVIOUS YEAR		2306.56	2304.95
		1854.14	2306.56
Income Tax for Earlier Years		87.04	0.00
Balance Carried to Balance Sheet		1767.10	2306.56
Accounting Policy	17		
Notes On Accounts	18		
The schedules referred to above form an integral part of Accounts			

V. Prakasa Rao
Company Secretary

N. P. Dhar
General Manager (F)

J. P. Singh
Director

B. Akala
Chairman-cum-Managing Director

In terms of our report of even date attached

For Dr. Chakraborty & Sen
Chartered Accountants

Sd/-
(D. K. Roy Chowdhury)
Partner

Kolkata

Dated, Aug. 01, 2001

SCHEDULE- A

SHARE CAPITAL

SCHEDULE- B

SHARE MONEY PENDING ALLOTMENT

PROFIT SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE- C

RESERVE & SURPLUS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
CAPITAL RESERVE		
Grants for purchase of Capital Equipment		
Energy Coal S&T Grants		
As per Last Account	1744.27	1659.44
Additions during the year	88.28	135.81
	1832.55	1795.25
Less : Depreciation written-off during the year	377.99	50.98
	1454.56	1744.27
UNDP Grants		
As per Last Account	16.36	21.39
Addition during the year	0.00	0.00
	16.36	21.39
Less : Depreciation written off	5.62	5.03
	10.74	16.36
CCDA Grants		
As per Last Account	88.20	44.26
Addition during the year	0.00	58.74
	88.20	103.00
Less : Depreciation written off	17.36	14.80
	70.84	88.20
EMSC Grants		
As per last Account	5.23	6.76
Addition during the year	0.00	0.00
	5.23	6.76
Less : Depreciation written off	1.53	1.53
	3.70	5.23
CIL R&D Grants		
As per last Account	0.00	0.00
Addition during the year	53.64	0.00
	53.64	0.00
Less : depreciation written off	1.12	0.00
	52.52	0.00
General Reserve	1592.36	1854.06
Balance of Profit transferred from Profit & Loss Account	217.54	217.54
	1767.10	2306.56
TOTAL	3577.00	4378.16

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE - D

FIXED ASSETS

SECURED LOAN

ALLOCATION OF DEPRECIATION

NET BLOCK	DEPRECIATION	Current Year (Rs. in Lakh)		Previous Year (Rs. in Lakh)	
		2000-01	1999-00	1999-00	1998-99
1. Fixed Assets					
2. Intangible Assets					
3. Tangible Assets					
4. Total					
		NIL		NIL	

SCHEDULE - E

UNSECURED LOAN

	Current Year (Rs. in Lakh)		Previous Year (Rs. in Lakh)	
	2000-01	1999-00	1999-00	1998-99
1. Due to Coal India Limited, the Holding Company	160.57		160.57	
Interest accrued & due	20.87		20.87	
Total	181.44		181.44	

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE - F

FIXED ASSETS

Rs. In Lakh

PARTICULARS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	Cost as at 1.4.2000	Addition during the year	Adjustment for Disposal/ Discarded of	Total as at 31.3.2001	Depreciation as at 1.4.2000	Depreciation for the year	Adjustment for Disposal/ Discarded etc.	Total Depreciation upto 31.3.2001	Net Block as at 31.3.2001	Net Block as at 31.3.2000

A. Fixed Assets (Excluding S&T, CCDA, EMSC, UNDP & CIL R&D Assets)

Land

Freehold	107.30	—	—	107.30	—	—	—	—	107.30	107.30
Leasehold	117.62	—	—	117.62	36.43	2.82	—	39.25	78.37	81.19

Building

Freehold	3976.33	42.19	1.03	4019.55	678.90	64.18	3.17	746.25	3273.30	3297.43
Leasehold	—	—	—	—	—	—	—	—	—	—

Plants & Machinery	3019.69	273.89	-300.23	2993.35	2346.68	151.84	-285.19	2213.33	780.02	673.01
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Furniture, Fittings & Office Equipment	1053.69	12.26	1.74	1067.69	698.35	94.25	0.47	793.07	274.52	355.34
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Vehicle	644.53	—	-3.24	641.29	417.20	32.83	-6.34	443.69	197.60	227.33
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Total (A)	8919.16	328.34	-300.70	8946.80	4177.56	345.92	-287.89	4235.59	4711.21	4741.60
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B. S&T, CCDA, EMSC, UNDP & CIL R&D Assets

Building	4.18	—	—	4.18	0.94	0.10	—	1.04	3.14	3.24
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Plant & Machinery	1395.84	1008.65	—	2404.49	639.62	400.76	—	1040.38	1364.11	756.22
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Furniture, Fittings & Office Equipment	8.47	0.38	—	8.85	3.31	2.39	—	5.70	3.15	5.16
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Vehicle	3.93	—	—	3.93	2.82	0.37	—	3.19	0.74	1.11
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Total (B)	1412.42	1009.03	0.00	2421.45	646.69	403.62	0.00	1050.31	1371.14	765.73
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TOTAL (A+B)	10331.58	1337.37	-300.70	11368.25	4824.25	749.54	-287.89	5285.90	6082.35	5507.33
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Previous Year

A. Fixed Assets (Excluding S&T, CCDA, EMSC, UNDP & CIL R&D Assets)

	8663.88	332.06	-76.78	8919.16	3919.13	331.24	-72.81	4177.56	4741.60	4744.75
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B. S&T, CCDA, EMSC, UNDP & CIL R&D Assets

	1225.78	188.13	-1.49	1412.42	574.34	73.75	-1.41	646.69	765.73	651.44
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TOTAL	9889.66	520.19	-78.27	10331.58	4493.47	405.00	-74.22	4824.25	5507.33	5396.19
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(Supporting Notes at Annexure - F1)

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE - F (ANNEXURE - F1)

FIXED ASSETS

NOTE : 1

(Rs. in Lakh)

ALLOCATION OF DEPRECIATION

	Current Year	Previous Year	*Depreciation on Assets purchased against Grants:	Current Year	Previous Year
1. Profit & Loss Account			Energy Coal S&T	377.99	52.40
(a) 100% Depn. on Assets costing below Rs.5000/-	2.35	2.80	UNDP	5.62	5.03
(b) Others	301.67	268.85	CCDA	17.36	14.80
2. Social Overhead	53.59	63.75	EMSC	1.53	1.53
3. Prior Period Adjustment	- 11.69	- 4.16	CIL R&D	1.12	—
4. Capital Assets against Grants*	403.62	73.76			
TOTAL	749.54	405.00	TOTAL	403.62	73.76

NOTE : 2

SOCIAL OVERHEAD ASSETS INCLUDED IN THE SCHEDULE EXCLUDING FURNITURE, FITTINGS & OFFICE EQUIPMENTS ARE AS FOLLOWS :

	COST As at 31st March, 2001	COST As at 31st March, 2000
(i) Building	2600.38	2581.28
(ii) Vehicles	44.58	44.58
TOTAL	2644.96	2625.86

NOTE : 3

RECONCILIATION OF DISPOSAL OF FIXED ASSETS :

	Current Year	Previous Year
1. Provision for Depreciation	31.91	57.60
2. Bank	2.99	10.65
3. Loss (+)/Profit (-) of Fixed Assets	- 1.31	- 7.63
Disposal of Fixed Assets (Gross Cost)	33.59	60.62

NOTE : 4

RECONCILIATION OF DISCARDED FIXED ASSETS :

	As at 31st March, 2001	As at 31st March, 2000
Gross Cost	399.19	157.23
Provision for Depreciation	379.26	149.38
Machinery held for disposal shown in Inventories	19.93	7.85

NOTE : 5

RECONCILIATION OF DEPRECIATION FUND :

	Current Year	Previous Year
Opening Balance	4824.25	4493.47
Add : Depreciation provided during the year	749.54	405.00
	5573.79	4898.47
Less : Net Outflow of Fund for Surveyed/Written off and disposed off Assets	287.89	74.04
Less : Outflow Fund — Inter Company	—	0.18
Closing Balance	5285.90	4824.25

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE - G

CAPITAL WORK IN PROGRESS

Rs. in Lakh

PARTICULARS	COST				PROVISION				NET ASSETS	
	AS ON 01.04.00	ADDITION DURING THE YEAR	ADJUST. FOR CAPITALISATION/ DISPOSAL/ DISCARD	AS ON 31.03.01	AS ON 01.04.00	DURING THE YEAR	WITHDRAWAL/ ADJ. DURING THE YEAR	TOTAL AS ON 31.03.01	NET ASSETS AS ON 31.03.01	NET ASSETS AS ON 31.03.00
A. CAPITAL WORK-IN-PROGRESS (EXCLUDING S&T ASSETS)										
Buildings	51.33	22.02	- 2.61	70.74	0.00	0.00	0.00	0.00	70.74	51.33
Plant & Machinery & Capital Stores in Stores	77.39	64.47	- 76.69	65.17	3.02	0.00	- 2.58	0.44	64.73	74.37
TOTAL (A)	128.72	86.49	- 79.30	135.91	3.02	0.00	- 2.58	0.44	135.47	125.70
B. CAPITAL WORK-IN-PROGRESS (FOR S&T ASSETS)										
Plant & Machinery & Capital Stores in Stores	1088.29	82.47	- 949.58	221.18	0.00	0.00	0.00	0.00	221.18	1088.29
TOTAL (A+B)	1217.01	168.96	- 1028.88	357.09	3.02	0.00	- 2.58	0.44	356.65	1213.99

Note : Social Overhead assets included in the Schedule are as follows :

	As At 31st March, 2001	As At 31st March, 2000
(i) Buildings	65.31	46.06
(ii) Roads & Culverts	—	—
(iii) Others (Water Supply)	—	—
TOTAL	65.31	46.06

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001**SCHEDULE - H****INVESTMENT (AT COST)**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Trade investment at Cost (Unquoted)	0.00	0.00
For Other Stores		
For Capital Works		
For Other Stores		
For Employees		
For House Building		
For Motor Car & other Conveyance		
For Others		

SCHEDULE - I**INVENTORIES**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
(As valued and certified by the Management)		
Stock of Stores & Spare Parts at weighted average cost	332.07	351.17
Less : Provision for slow moving/non-moving/obsolescence	58.08	58.08
	273.99	293.09
Stationery & other stores at purchase price	70.63	66.41
	344.62	359.50
Add : In Transit/Under Inspection	8.64	16.91
Discarded/Surveyed off Assets in stores	19.93	7.85
TOTAL	373.19	384.26

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001**SCHEDULE - J****SUNDRY DEBTORS**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Debts outstanding for a period Exceeding Six months	1939.25	1469.61
Others	7721.53	1237.20
TOTAL	9660.78	2706.81
Less : Provisions for doubtful debts	36.92	117.00
Balance	9623.86	2589.81
Classification :		
Unsecured & Considered good	9623.86	2589.81
Unsecured & Considered doubtful	36.92	117.00
	9660.78	2706.81
Due from the Companies under the same management		
Eastern Coalfields Limited	1444.19	418.97
Bharat Coking Coal Limited	694.15	355.12
Central Coalfields Limited	2237.79	1150.91
Northern Coalfields Limited	584.14	68.94
Western Coalfields Limited	993.73	96.79
South Eastern Coalfields Limited	993.32	99.88
Mahanadi Coalfields Limited	856.76	310.22
Indian Institute of Coal Management	0.00	30.85
North East Coalfields	4.11	- 8.51
Bharatpur CHP (MCL)	0.73	6.64
Dankuni Coal Complex (CIL)	6.67	4.55
Kakri CHP (NCL)	14.08	14.60
TOTAL	7829.67	2548.96

SCHEDULE - K**CASH & BANK BALANCE**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Cash, cheques, drafts & Stamps in-hand	7.87	101.35
Remittance in-transit	654.72	3299.53
Balance with Scheduled Bank :		
In Current Account	1374.81	1258.98
In Deposit Accounts	297.16	109.71
In Export Earnings Foreign Currency Account	0.00	10.76
TOTAL	2334.36	4780.33

*Rs. 4.15 lakhs encumbered for issue of Bank Guarantee
(Previous Year Rs. 16.13 lakhs)

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001**SCHEDULE- L****LOAN & ADVANCES**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Advance recoverable in Cash or for value to be received :		
Advance to Suppliers :		
For Capital Works	0.00	35.28
For Other Stores	1.15	27.81
Advance to Contractors :		
For Capital Works	19.96	24.39
For Other Stores	12.24	2.90
Advance to Employees :		
For House Building	371.00	390.59
For Motor Car & other Conveyances	50.96	66.66
For others	48.86	35.88
Deposit for P&T, Electricity, Gas etc.	36.47	28.63
Advance Payment of Statutory Dues :		
Income Tax	462.25	377.52
Sales Tax	1.98	1.98
Wealth Tax	0.93	0.89
Subsidiaries Suspense Accounts	0.31	5.77
Advance to Bharat Coking Coal Limited on Capital Account	19.54	19.54
Pre paid Expenditure	13.01	11.34
Income Tax deducted at Source	50.56	29.17
Advances to other Government Agencies	11.06	11.27
TOTAL	1100.28	1069.62
Less : Provisions	6.90	6.69
Balance	1093.38	1062.93
Notes :		
(i) Secured & Considered good	421.96	457.25
Unsecured & Considered good	671.42	605.68
Unsecured & Considered doubtful	6.90	6.69
	1100.28	1069.62

- (ii) Amount due from an officer of the Company Rs. 0.32 lakhs (Previous year Rs. 0.34 lakhs). Maximum balance due at any time during the year Rs. 0.45 lakhs (Prev. yrs. Rs. 0.57 lakhs)
- (iii) Amount due from Directors of the Company Rs. 0.50 lakhs (Previous year Nil). Maximum amount due at any time during the year Rs. 1.14 lakhs (Previous year 0.80 lakhs)

Company Secretary has been considered to be an officer of the company for the above disclosure.

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE- M

OTHER CURRENT ASSETS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Claims Receivables :		
(i) Railway	—	—
(ii) Insurance	—	—
(iii) Others	5.77	6.22
Other Receivables :		
(i) Employees	418.00	398.55
(ii) Others	6.63	4.88
TOTAL	430.40	409.65

SCHEDULE - K

UNRECORDED & DISAPPEARED ASSETS

(i) Amount due from the Government of India for the year 2000-2001, Rs. 100.00 lakhs, which has not been recorded in the books of account.

(ii) Amount due from the Government of India for the year 2000-2001, Rs. 100.00 lakhs, which has not been recorded in the books of account.

(iii) Amount due from the Government of India for the year 2000-2001, Rs. 100.00 lakhs, which has not been recorded in the books of account.

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001**SCHEDULE- N
CURRENT LIABILITIES & PROVISIONS**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Creditors for goods (Small Scale Industries)		
Capital	—	—
Revenue	33.76	68.49
Creditors for goods (Others)		
Capital	38.14	68.96
Revenue	1.96	1.95
Sundry Creditors for contractual expenses		
Capital	92.51	99.76
Revenue	1549.97	755.80
Sundry Creditors for other expenses		
Power & Fuels	70.99	117.17
Others	460.29	475.91
Employee Remuneration & Benefits		
Salaries, Wages & Allowances (gross)	5522.56	845.25
Gratuity	848.86	281.12
Attendance Bonus	34.06	22.27
Exgratia	115.98	112.33
Unpaid Salaries/Wages	5.67	8.88
Leave encashment	573.32	224.24
Statutory Dues		
Income Tax deducted at source :		
from Employees	7.30	13.09
from Contractors	0.34	0.63
Service Tax	459.94	445.07
Advances & Deposits		
from Customers	330.65	448.59
from Contractors & Others	100.98	129.16
Government Grants pending disbursement		
Energy Coal (S&T) Grants (Annex. N-1)	930.50	797.44
Other grants (Annex. N-2)	1519.25	2967.51
CIL R&D Fund (Annex. N-3)	59.71	36.98
Current Account Balances with Holding Co. & its Subsidiaries		
Coal India Ltd. - Holding Co.	1918.64	1543.89
Other Liabilities		
Retirement Pension Fund dues	120.44	114.75
Provident Fund dues	21.50	19.92
Cooperative/Benevolent Fund/Recreation Club	5.90	5.58
Provisions		
Provision for Taxation - Income Tax	156.17	162.43
Provision for Taxation - Wealth Tax	1.02	1.02
TOTAL	14980.40	9768.19

Clarification :

Deposit includes Earnest Money, Security deposits for Energy Coal S&T Grant Rs.8.50 Lakhs (Previous Year Rs.8.40 Lakhs)

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE- N (Annexure N-1)

ENERGY COAL S&T GRANTS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance	797.44	567.44
Amount received from Ministry of Energy-Coal (S&T) Grant	0.00	500.00
Refund from Implementing Agencies	608.99	0.18
Interest	8.52	3.42
Transfer from CMPDI Share	—	159.49
Other receipts	7.39	0.67
	1422.34	1231.20
Disbursement to various Implementing Agencies		
Central Mining Research Institute	113.71	74.00
Central Fuel Research Institute	26.40	54.00
Indian School of Mines	1.00	10.00
Annamalai University Madras	0.00	6.75
National Institute of Rock Management	0.00	156.70
Tamil Nadu Agriculture University	21.00	0.00
Osmania University	1.51	0.00
Nayveli Lignite Corporation	38.00	7.30
Vinoba Bhave University	0.21	1.00
Regional Research Laboratory, Bhubhneswar	9.00	6.00
Regional Research Laboratory, Jorhat	3.50	0.00
Indian Institute of Science	5.00	0.00
Singareni Coal Companies Ltd.	1.50	0.00
Steel Authority of India	32.00	0.00
IIT - Kharagpur	15.00	0.00
Central Glass And Ceramic Research Institute	0.00	2.75
Coal Bed Methane Gas (UNDP)	0.00	8.75
CMPDI Limited (Both as Nodal and Implementing Agency)	224.00	106.51
	491.84	433.76
Closing Balance	930.50	797.44

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE- N (Annexure N-2)

OTHER GRANTS

(Rs. in Lakh)

Name of Government Grants	Current Year (Rs. in Lakh)	Opening Balance as on 01.04.2000	Addition during the year	Total	Disbursed during the year	Balance as on 31.03.2001
		A	B	A+B(C)	D	C-D
Mining Electronic Grants	Curr. Year	0.52	—	0.52	—	0.52
	Prev. Year	0.52	—	0.52	—	0.52
Promotional Regional Exploration Grants	Curr. Year	2276.35	3037.00	5313.35	4612.68	700.67
	Prev. Year	393.07	3714.00	4107.07	1830.72	2276.35
Environmental Measures Subsidence Control Grants	Curr. Year	612.07	630.00	1242.07	502.58	739.49
	Prev. Year	312.77	800.00	1112.77	500.70	612.07
Testing Laboratory Grants	Curr. Year	28.00	—	28.00	—	28.00
	Prev. Year	28.00	—	28.00	—	28.00
United Nations Development Programme Grants	Curr. Year	26.82	—	26.82	—	26.82
	Prev. Year	26.82	—	26.82	—	26.82
Coal Conservation Development Advisory Grants	Curr. Year	23.75	0.00	23.75	0.00	23.75
	Prev. Year	35.02	51.29	86.31	62.56	23.75
TOTAL	Curr. Year	2967.51	3667.00	6634.51	5115.26	1519.25
	Prev. Year	796.20	4565.29	5361.49	2393.98	2967.51

SCHEDULE- N (Annexure N-3)

CIL R&D FUND

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance	36.98	152.89
Amount Received from Coal India	92.00	0.00
Other Receipts	21.22	0.00
TOTAL RECEIPT	150.20	152.89
Disbursement to Various Implementing Agencies :		
National Environmental Engg. Research Institute - Nagpur	3.00	4.00
Eastern Coalfields Ltd.	0.00	6.00
Central Mining Research Institute, Dhanbad	0.00	8.00
Central Coalfields Ltd.	0.00	66.50
CMPDI Limited	87.49	31.41
	90.49	115.91
Closing Balance	59.71	36.98

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2001

SCHEDULE- O
MISCELLANEOUS EXPENDITURE
(TO THE EXTENT NOT WRITTEN OFF)

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
DEFERRED REVENUE EXPENDITURE		
1. Tubulars		
As per Last Account	209.64	208.47
Addition during the year	265.11	213.64
	474.75	422.11
Less : Written off during the year	226.80	212.47
	247.95	209.64
2. Voluntary Retirement Scheme		
As per Last Account	73.85	0.00
Addition during the Year	82.76	98.47
	156.61	98.47
Less : Written off during the year	55.91	24.62
	100.70	73.85
3. Gratuity upto 31.03.95		
Less : Written off during the Year	0.00	53.41
	0.00	53.41
	0.00	0.00
BALANCE	348.65	283.49

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001

SCHEDULE- 1

SALE OF SERVICE

Previous Year (Rs. in Lakh)	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Exploration	8864.60	5516.89
Planning & Design	6175.60	3352.88
Natural Resource Management	558.12	396.80
TOTAL SALES	15598.32	9266.57

SCHEDULE- 2

COAL ISSUED FOR OTHER PURPOSE

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
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APPLICABLE TO CIL's OTHER SUBSIDIARIES

SCHEDULE- 3

ACCRETION/DECRETION IN STOCK

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
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APPLICABLE TO CIL's OTHER SUBSIDIARIES

SCHEDULE- 4

WORKSHOP JOB FOR OWN PURPOSE

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
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APPLICABLE TO CIL's OTHER SUBSIDIARIES

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001**SCHEDULE- 5
OTHER INCOME**

Previous Year (Rs. in Lakh)	Current Year (Rs. in Lakh)	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Interest Received			
On Loan to Employees		39.26	45.33
On Bank Deposit		4.78	5.47
Rent received from outsiders		2.45	2.14
Profit/Loss (+/-) on sales of Assets		1.22	7.20
Tender Fees		0.48	0.87
Sale of Scrap		10.74	10.05
Liquidated Damage		6.01	9.04
Exchange Fluctuation		0.33	0.10
Rent Vehicles		0.53	0.69
Others		31.90	12.34
Provision for Bad Debt written Back		93.73	—
TOTAL		191.43	93.23

**SCHEDULE 6
CONSUMPTION OF STORES**

Previous Year (Rs. in Lakh)	Current Year (Rs. in Lakh)	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
POL		164.34	165.69
Stores & Spares		152.32	163.02
Other Stores & Consumables		29.44	27.35
Deferred Rev. Exp. written-off (Related to Tubulars)		226.80	212.47
Sub Total		572.90	568.53
Less : Transferred to :			
Miscellaneous Expenses (Sch. - 12)		0.00	0.23
TOTAL		572.90	568.30

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001**SCHEDULE-7****EMPLOYEES REMUNERATION AND BENEFITS**

	Current Year (Rs. in Lakh)	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Salaries & Wages	8676.45		4433.66
Overtime	76.75		63.16
Incentives	187.45		120.43
Leave Encashments	496.29		127.50
Other Allowances	154.52		129.15
Contribution to PF (Annex. 1)	967.73		426.82
Attendance Bonus	113.80		95.96
Exgratia			
(a) PPLB – Non Executives	85.02		82.45
(b) PPLB – Executives	28.61		27.97
LTC/LLTC/RRF	213.10		205.40
Pension			
(a) Ex NCDC Employees	4.41		1.40
(b) Others	700.15		227.82
Gratuity	1.60		0.00
Workman's Compensation	12.22		9.54
D.L.I.	3.30		2.40
Life Cover Scheme	55.90		24.62
VRS			
Total	11777.30		5978.28
Less : Transferred to Social Overhead (Sch. - 8)	235.55		119.31
Less : Transferred to Misc. Expenses (Sch. - 12)	0.00		12.67
BALANCE	11541.75		5846.30

SCHEDULE-7 (Annex. - 1)**CONTRIBUTION TO PROVIDENT FUNDS**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Coal Mines Provident Fund	667.95	349.64
Coal Mines Family Pension Fund	72.44	38.30
CMAL Provident Fund	31.94	15.60
Other Provident Funds	195.40	23.28
TOTAL	967.73	426.82

SOCIAL OVERHEAD

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SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001

SCHEDULE-9

POWER & FUELS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Purchased	296.46	273.13
Sub - Total	296.46	273.13
Less : Transferred to :		
Social Overhead Sch. - 8	125.48	127.46
TOTAL	170.98	145.67

SCHEDULE- 10

REPAIRS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Office Building	53.88	41.29
Repair & Maintenance Township/Residential Building	73.16	69.78
Plant & Machinery	75.92	71.26
Office Equipment & Furniture	26.81	29.56
Vehicles	66.50	71.14
Repair & Maintenance School Bus/Ambulance	26.46	31.56
Others	3.39	2.33
Sub - Total	326.12	316.92
Less : Transferred to Social Overhead Sch. - 8	104.23	106.33
Less : Transferred to Misc. Expenses Sch. - 12	52.17	52.43
	156.40	158.76
TOTAL	169.72	158.16

SCHEDULE- 11

CONTRACTUAL EXPENSES

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Contractual Works		
Drilling - MECL	1514.33	186.43
Drilling - Others	89.77	127.11
Coal Testing	118.20	157.14
Survey	0.32	0.00
Remote Sensing Etc.	6.77	3.55
TOTAL	1729.39	474.23

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001

SCHEDULE- 12

MISCELLANEOUS EXPENSES

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Travelling		
In country	206.27	191.32
Outside country	3.42	6.96
Printing & Stationery	55.90	72.87
Postage	3.63	3.89
Telephone	46.94	57.20
Advertisement & Publicity		
(i) Advertisement for :		
(a) Tender	1.89	9.97
(b) Others	0.07	0.05
(ii) Publicity	1.45	1.78
Freight Charges	0.10	0.52
Subscriptions	3.77	3.39
Security Expenses	135.28	120.34
Hire Charges		
(a) Computer	76.59	73.00
(b) Others	29.78	23.00
Maintenance of Cars & Jeeps		
(i) Petrol & Diesel	49.97	47.93
(ii) Repairs (From Sch. - 10)	52.17	52.43
(iii) Road Tax	18.48	18.40
(iv) Insurance	4.12	5.52
Legal Expenses	7.20	7.59
Bank Charges	7.46	8.23
Consultancy Charges (CIL Subsidiaries & Other jobs)	16.67	31.50
Auditor's Remuneration		
As Auditor	0.79	0.63
Travelling & Out of Pocket Expenses	1.36	0.48
In other capacity - Tax Audit	0.26	0.21
Internal Audit Expenses	6.02	6.42
Rates & Taxes	17.77	21.17
Rent	25.01	26.06
Insurance	0.54	1.03
Lands/Crops compensation	0.30	0.38
Others		
Software Licensing Fees	30.06	28.73
Conference & Seminar etc.	4.13	7.05
Tents & Hutments	28.20	102.25
Shifting & Settling Expenses	18.04	15.73
Entertainment	0.04	0.06
R&D Expenses	4.53	1.10
Horticulture	2.56	1.34
Filing Fees	0.03	0.01
Misc. Expenses	17.20	19.70
Bad Debt written off	109.34	0.00
Wealth Tax	0.00	0.16
TOTAL	987.34	968.40

Note :

Consultancy Charges (CIL Subsidiaries and other jobs) include Rs.0.00 lakh as salaries transferred from Sch. - 7 and Rs. 0.00 lakh as stores transferred from Sch. - 6 (Previous year Rs.12.67 lakhs & Rs.0.23 lakhs respectively)

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001

SCHEDULE- 13

INTEREST

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Coal India Limited Holding Co.	20.87	20.87
Interest on Retirement Pension Fund	12.34	10.31
TOTAL	33.21	31.18

SCHEDULE- 14

PROVISIONS / WRITE - OFF

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Provision		
Doubtful debts	13.65	106.37
Doubtful Advances	0.49	3.80
Reduction in value of Assets (Capital assets awaiting installation)	0.00	3.02
TOTAL	14.14	113.19

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2001

SCHEDULE- 15

PRIOR PERIOD ADJUSTMENTS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
DEBIT		
Employees Remuneration & Benefits		
(a) Salary, Wages & Allowances	4.74	-3.62
(b) Contribution to P. F.	—	0.19
(c) Ex-gratia	0.75	-11.90
	5.49	-15.33
Repairs	-15.20	-5.00
Depreciation Expenses	-11.69	-4.16
Miscellaneous Expenses	-50.98	-4.36
Consumption of Stores & Spares	-0.83	0.79
Contractual Payments	-8.65	7.33
Power & Fuel	-34.85	7.77
Interest		
(a) Pension	—	-0.02
(b) Others	-12.89	34.36
	-12.89	34.34
TOTAL DEBIT	-129.60	21.38
CREDIT		
Employees Remuneration & Benefits		
(a) C. M. Bonus	0.00	0.00
(b) Life Cover Scheme	-0.20	-0.20
	-0.20	-0.20
Other Receipts	-0.05	3.23
Sale of Services	-7.45	-26.72
TOTAL CREDIT	-7.70	-23.69
NET CREDIT (-)/DEBIT (+)	-121.90	45.07

SCHEDULE- 16

EXTRAORDINARY ITEMS

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Nil	Nil

SCHEDULE - 17

ACCOUNTING POLICY FOR 2000 – 2001

1.0 ACCOUNTING CONVENTION

The financial statements are prepared on accrual basis based on historical cost following going concern concept. Accounting Standards and generally accepted accounting principles and practices, except as otherwise stated, if any, in the Accounting Policy and Notes on Accounts.

2.0 BASIS OF ACCOUNTING

2.1 All expenses and incomes, if material, are booked initially in the natural heads of accounts and then transferred to functional heads of accounts, wherever required.

2.2 Two per cent of the total Employees' Remuneration & Benefits are transferred to Social Over heads.

3.0 FIXED ASSETS**3.1 Land**

Land includes cost of acquisition including incidental expenses incurred thereon.

3.2 Buildings

3.2.1 Buildings include cost of lifts, electrical fittings, water supply arrangements and sanitary fittings.

3.2.2 Expenditure like partitions and modifications etc. in old buildings and area development in township is being charged to revenue as Repairs & Maintenance Expenses.

3.3 Plant & Machinery

3.3.1 Plant & Machinery include cost and expenses incurred for erection/installation and other attributable costs of bringing those assets to working condition for their intended use. However expenses are not capitalised whenever such works are done departmentally.

3.3.2 All softwares acquired on annual license fees basis and softwares costing upto Rs.10 lakh each acquired on perpetual licence basis are not capitalised but charged as revenue expenditure.

3.3.3 Insurance spares supplied along with a specific machine which are of infrequent use are capitalised along with the machine. Such Insurance spares are depreciated at the rate applicable to the particular machine.

4.0 INVESTMENTS

4.1 Long Term Investments, if any, are valued at cost.

4.2 Fixed Deposits with Banks are shown under balance with banks.

5.0 INVENTORIES

5.1 Stores & Spares

5.1.1 Stock of stores and spares of Central Drilling Stores (C.D.S.), Barkakana are valued at weighted average cost whereas such items at Drilling Camps/Sites are valued at issue price from C.D.S., Barkakana. Stores issued to Drilling Camps/Sites are charged off.

5.1.2 Stores & Spare parts include loose tools also, but do not include machine - specific spares of infrequent use.

5.1.3 Tubulars in stores are valued at weighted average cost and value of issues to the drilling sites is treated as Deferred Revenue Expenditure.

5.2 Other Items

5.2.1 Stock of stationery and other consumable miscellaneous stores is valued at purchase price.

5.2.2 Stock of medicines are not considered for inventory purposes and the expenses thereof are charged off to revenue accounts.

5.2.3 Discarded/Surveyed off Fixed Assets are stated at written down value till final disposal/sales and are included in the Inventories.

5.3 Obsolete Stores

Provisions are made at the rate of 100% against identified obsolete stores.

6.0 DEPRECIATION

6.1 Rates specified in Schedule XIV to the Companies Act, 1956.

6.1.1 Depreciation on Fixed Asset is provided on Straight Line Method (SLM) at the rates specified in Schedule XIV to the Companies Act, 1956 (as amended) except in some special cases.

6.1.2 Depreciation on the assets added/disposed off during the year is provided on pro-rata basis with reference to the month of addition/disposal.

6.1.3 Assets whose actual cost does not exceed Rs.5000/- are depreciated at 100% leaving a token value of Re.1/- for each of such assets.

6.2 Special Rates

6.2.1 High value computer utility software costing more than Rs.10 lakh individually which are acquired on perpetual licence basis, in the absence of any specific rate of depreciation in Schedule XIV to the Companies Act, 1956, is depreciated over its useful life as per the technical experts' opinion and the licensing agreement.

6.2.2 The Earth Science Museum : 5.15 percent.

6.2.3 All Plants & Equipment at Drilling sites; Scanner, equipments and instruments used in the Laboratories for analysis work and all models of photocopiers : 11.31 percent

6.2.4 High Volume Samplers and Respiratory Dust

Samplers : 33.33 percent

6.2.5 Value of Leasehold Land is amortised within the lease period.

6.3 Others

6.3.1 Lifts etc. forming part of Building as stated in 3.2.1 above : at rates prescribed for buildings.

6.3.2 Buildings constructed on leasehold land and land belonging to other subsidiaries of CIL : at the rate applicable to buildings on freehold land.

7.0 BALANCE WITH COAL INDIA LTD. (HOLDING COMPANY)

Amount due to Coal India Limited (CIL) on account of loan after adjustment to equity from time to time is shown as unsecured loan. Amount due for revenue nature transactions in Current Account is shown under Current Liabilities/Current Assets.

8.0 INTEREST TO HOLDING COMPANY

Interest to CIL i.e. Coal India Limited (Holding Company) is accounted for as per advice from them.

9.0 DEFERRED REVENUE EXPENDITURE

9.1 The value of tubulars issued to the drilling site as noted in 5.1.3 above is charged off over a period of three years.

9.2 Ex-gratia under Voluntary Retirement Scheme is charged off over a period of four years.

10.0 PRIOR PERIOD ADJUSTMENT

The charges or credits, in excess of Rs.10,000/- in each case, arising in current year as a result of errors and omissions in preparation of the financial statement(s) of earlier year(s) are accounted for under this head.

11.0 RESEARCH & DEVELOPMENT EXPENSES

Research and Development expenses of revenue nature are charged to Profit and Loss Account in the year in which they are incurred and expenses of capital nature are capitalised.

12.0 GRANTS

12.1 Grants received for fixed assets are treated as Capital Reserve and depreciation thereon is debited to Capital Reserve Account.

12.2 Grants received as Nodal/Implementing Agency directly or through CIL are accounted for on the basis of receipts and disbursements.

13.0 EMPLOYEES' BENEFITS ON SEPERATION**13.1 Gratuity**

13.1.1 Liability for Gratuity is accounted for on actuarial valuation. The incremental gratuity liability for the year as per actuarial certificate is charged to Profit & Loss Account in addition to actual liability incurred in the year.

13.1.2 Debits/Credits to and from CIL (Holding Company) and its subsidiaries on account of gratuity on transfer of employees are not raised.

13.2 Leave Encashment

Liability for Leave Encashment is accounted for on the basis of actuarial valuation.

13.3 Life Cover Scheme and Pension

Payments under Life Cover Scheme of Rs.30,000/- on death of any non-executive employee and pension payments to a few ex-Railway employees whose services were taken over through NCDC are accounted for on accrual basis.

13.4 Provident Fund and Retirement Pension Fund

Provident Fund and Retirement Pension Scheme liabilities are accounted for on accrual basis and transferred to authorities in appropriate cases.

14.0 WRITE BACK

14.1 Stale cheques which are more than three years old at the end of the financial year are written back except certain cases.

14.2 Earnest Money and Security Deposit which are more than five years old at the end of the financial year are written back except certain cases involving Court cases etc.

15.0 REVENUE RECOGNITION

15.1 Billing to CIL/CIL Subsidiaries for Exploration & P&D Services

15.1.1 Billing for services rendered to Coal India Subsidiaries, except cases covered in 15.1.2 below, is done on "Cost Plus" basis. Unit of cost for the purpose is taken as :

- | | | | |
|------|---|---|-------------------|
| (i) | For exploration services | — | Drilling Meterage |
| (ii) | For planning & design or specialised services | — | Engineering Day |

15.1.2 Billing on CIL Subsidiaries is done during the year at pre-determined/Budgeted rates. Bills or differential amounts are raised on the basis of actual cost for that particular year on finalisation of accounts.

15.2 Outside Parties for Civil Consultancy Contracts

In the case of consultancy contracts with parties outside CIL, revenue is recognised at proportionate contract value based on the percentage of work completed or amount realisable, whichever is lower.

15.3 Miscellaneous Jobs

Hydrogeological Services, Physico-Mechanical Analysis, Data Processing, Coal Core Analysis, Geophysical Investigations, E.M.P. Work, Contractual Work etc. are billed on cost/cost plus basis or on mutually agreed rates, as the case may be.

15.4 Sales shown in accounts are exclusive of Service Tax.

16.0 TRANSACTIONS IN FOREIGN CURRENCIES

- 16.1** Expenses during the year in foreign currencies are converted/translated at an average rate and the sales are booked at the rate prevailing at the time of billing. Outstandings at the end of the year are converted at the year end rate.
- 16.2** Current Assets & Liabilities in Foreign Currencies are converted/translated at year end exchange rates and the loss/gain on conversion/translation, if any, is recognised in the year.

17.0 CHANGE IN ACCOUNTING POLICIES

Redrafting of any Accounting Policy to clarify to rationalize or to more precisely enunciate the existing practice is not considered as change in Accounting Policy.

SCHEDULE - 18

NOTES ON ACCOUNTS FOR 2000-2001

1.0 FIXED ASSETS & DEPRECIATION**1.1 Fixed Assets**

- 1.1.1 Legal transfer of assets and liabilities from the Holding Company, Coal India Limited (CIL) on its reorganisation on 01/11/1975 is yet to be effected.
- 1.1.2 There are certain assets taken over from erstwhile NCDC/Coal Board, the value of which could not be linked up. An amount of Rs.4.80 lakh realised on disposal of old assets received from erstwhile NCDC and Coal Board could also not be linked up with the acquisition value. Pending adjustment the amount is lying credited to Sale of Assets Suspense Account.
- 1.1.3 The Company has got constructed houses and office complex in BCCL Township in Dhanbad (Rs.444.31 lakh), NCL Township in Singrauli (Rs.322.13 lakh) and CCL Township in Rajrappa (Rs.231.82 lakh) on the land belonging to other subsidiaries of the Holding Company.
- 1.1.4 The buildings at Rajrappa CPTI (Coal Preparation Training Institute) Project are continued to be shown in Fixed Assets with usual depreciation although it is not functioning in view of the fact that services of the Institute are expected to be commercially exploited as soon as the non-coking coal washeries in the pipeline become operational, as it is the only institute in India having expertise in training in the field of coal washeries.

1.2 Depreciation

- 1.2.1 Land at Gondwana Place (Rs.32.99 lakh) includes an old building. In absence of separate value for the old building no depreciation could be charged thereon.
- 1.2.2 For charging depreciation the useful life of Telecom Equipment is revised to 6 (six) years from 20 (twenty) years.
- 1.2.3 Furniture & Fixture costing Rs.2.74 lakh were transferred to CBM (Coal Bed Methane) Project funded by UNDP-GEF-GOI and depreciation thereon was not charged in last year. This year these have been transferred back and depreciation for last year as well as in the current year amounting to Rs.0.20 lakh has been provided for in the year.

2.0 STOCK OF STORES & SPARE PARTS

- 2.1 As machine-specific spares are capitalized along with the machines there are no spares being machine-specific and of infrequent use which are to be capitalized in terms of Accounting Standard (AS) 2 read with AS 10.
- 2.2 The value of obsolete and surplus items of stores was last estimated in 1998-99 at Rs.58.08 lakh against which full provision was made in that Financial Year 1998-99. Further review of the estimate is not considered necessary at this stage in view of change in purchase procedure to ensure that addition to obsolete/surplus stores is minimal.

3.0 LOANS & ADVANCES/DEBTORS

3.1 Current Accounts and Sundry Debtors Accounts with CIL Subsidiaries

3.1.1 Reconciliation of inter-company transactions in Current Accounts with other Subsidiaries of CIL has been carried out upto 31.03.2001. The agreed Current Account balances with the CIL Subsidiaries as on 31.03.2001 were transferred to CIL Current Account in the month of May, 2001. Subsequently, if during the course of audit or otherwise any debit/credit advice is received/sent from/to the Subsidiaries with respect to the periods upto 31.03.2001 the same is charged to Subsidiary Suspense Account.

3.1.2 Sundry Debtors include Rs.7829.67 lakh due from CIL Subsidiaries. Since 01.04.1993 the system of acceptances of bills by CIL Subsidiaries has been introduced for adjustment of accounts with CIL. Balances upto 01.04.1993 amounting to Rs.295 lakh in total is under reconciliation. Acceptances of bills are regularly monitored. Bills in the process of acceptance amount to Rs.9660.78 lakhs on 31.03.2001.

3.2 Others

3.2.1 In respect of other parties, confirmation of accounts could not be collected.

3.2.2 Income tax advance of Rs.462.25 lakh includes payments under protest against assessments for the years upto Assessment Year 1998-99. Income tax provisions of Rs.84.52 lakh represents provisions for pending assessments relating to Assessment Years 1999-2000 and 2000-2001.

4.0 CURRENT LIABILITIES & PROVISIONS

4.1 Current Accounts with CIL and its Offices

4.1.1 Reconciliation of Current Accounts with CIL and its offices as well as of CIL Loan Account is done regularly, but it is not known if all the items appearing in Reconciliation Statement are accounted for by CIL within the year. Loan Account and Current Account balances as on 31.03.2001 have been reconciled.

4.2 Liabilities under Coal Mines Pension Scheme

4.2.1 Monthly contributions & deductions with respect to CMPF members are being regularly remitted to the authorities.

4.2.2 Current Liabilities include Rs.66.25 lakh deductions which could not be remitted due to certain employees being non-CMPF members.

4.2.3 There is also a liability for Rs.54.19 lakh payable to the Scheme being the additional increments granted by the Company w.e.f. 01.07.1995.

4.2.4 The above amounts to liabilities are inclusive of interest at the rate applicable to CMPF.

4.2.5 As against these liabilities Rs.72.16 lakh is held in Fixed Deposits with Bank.

4.3 Others

4.3.1 The liability for contractual drilling is provided on the basis of 100% value of meterage drilled during the year less payments made against such drilling.

4.3.2 Provision has been made in respect of arrear salary payable on account of wages/pay revision (w.e.f. 01.01.97 for Executives and w.e.f. 01.07.96 for Non-Executives) after deducting adhoc provision @Rs.10,000/- consolidated per head for 3672 employees made in the year 1999-2000. The total amount involved is Rs.5022.41 lakh.

4.3.3 Gratuity for the year has been considered at incremental liability plus gratuity actually accruing in the year as per the recommendation of the actuary. Previously provision was made on the basis of actuarial valuation as reduced by gratuity paid during the year.

4.3.4 No amount of Rs.1.0 lakh or more was overdue to SSI units for more than 30 days as on 31.03.01.

5.0 THEFT & SNATCHING CASES

Theft cases involving an amount of Rs.7.90 lakh (Previous Year 2.36 lakh) have been reported during the year. These are under investigation of the police department. Most of the items covered under the reported thefts are charged off items and as such provision against such losses in the accounts has not been made. On finalisation/confirmation from the police regarding recovery or otherwise of these cash/materials, adjustment if required, shall be made.

6.0 DIRECTORS' REMUNERATION

	Rs. in Lakh	
	Current Year 2000-2001	Previous Year 1999-2000
(i) Salary & Allowances including LTC/Leave Encashment	31.02	12.48
(ii) Provident Fund	2.95	1.09
(iii) Medical Expenses	0.44	0.53
(iv) Value of Perquisites	0.02	NIL
(v) Gratuity Paid	6.87	0.95

Provision of arrear salary for pay revision at the minimum of the revised scale has been made in respect of continuing and retired Directors in absence of pay fixation by the Administrative Ministry. However, full provisions for such enhancement have been made in case of one retired Director on the basis of receipt of pay fixation.

7.0 EARNINGS, EXPENDITURE ETC. IN FOREIGN CURRENCY

7.1 Expenditure in Foreign Currency

	Rs. in Lakh	
	Current Year 2000-2001	Previous Year 1999-2000
(i) Foreign training/tour, books & others	3.02	4.69
(ii) Consultancy Fee	4.80	5.88
TOTAL	7.82	10.57

7.2 Value of Imports Calculated on CIF Basis

	Rs. in Lakh	
	Current Year 2000-2001	Previous Year 1999-2000
(i) Capital Goods	99.10	36.40
(ii) Spares & Components	2.33	NIL
TOTAL	101.43	36.40

7.3 Earnings in Foreign Exchange

	Rs. in Lakh	
	Current Year 2000-2001	Previous Year 1999-2000
Professional Fees	NIL	8.70

7.4 Value of imported and indigenous stores and spare parts consumed and percentage thereof to the total consumption

	Rs. in Lakh			
	Current Year 2000-2001		Previous Year 1999-2000	
	Value	Percentage	Value	Percentage
Imported	0.01	0.00	0.02	0.00
Indigenous	572.89	100.00	568.28	100.00
TOTAL	572.90	100.00	568.30	100.00

8.0 OFFICE BUILDING (PART) HANDED OVER TO GOVT.

Part of an Office Building at Ranchi has been occupied by the Government of Jharkhand with effect from 04.12.2000. In absence of agreement no provision for rent receivable has been made.

9.0 CONTINGENT LIABILITY**9.1 Claims against the Company not acknowledged as debt**

9.1.1 Income tax matters : In respect of completed assessment pending in appeal Rs.243.60 lakh (Previous Year Rs.533.81 lakh).

9.1.2 Service tax matters : In respect of completed assessment pending in appeal Rs.40.24 lakh (Previous Year Rs.40.24 lakh) for financial year 1997-98.

9.1.3 Other disputed claims pending in the courts and not provided for amount to Rs.1371.75 lakh (Previous Year Rs.1088.92 lakh).

9.2 Other Matters

9.2.1 There are certain suits pending in courts arising out of industrial and other disputes. The quantum of contingent liability in this regard could not be ascertained.

9.2.2 There is counter guarantee of Rs.4.15 lakh (Previous Year Rs.16.13 lakh) issued by the Company in favour of Bank for issuing Bank Guarantee on behalf of the Company.

10.0 CAPITAL COMMITMENT

Estimated value of contracts remaining to be executed on capital account and not provided for amounts to Rs.17.28 lakh (Previous year Rs.86.12 lakh).

11.0 IMPACT ON PROFIT DUE TO CHANGES IN BASIS OF ACCOUNTING

Profit for the year has been affected to the following extent because of change in basis of accounts.

	Rs. in Lakh	
	Amount Involved	Impact on Profit
Additional depreciation on telecommunication equipments (Ref. 1.2.2)	93.09	- 11.94

12.0 FIXED DEPOSITS

Fixed deposits with Bank include Rs.225 lakh invested against S&T Grants received from the Government of India pending disbursements to the Implementing Agencies.

13.0 PRIVATE COMPANY

The Company was incorporated as a Private Ltd. Company and subsequently became a deemed Public Company under section 43A of the Companies Act, 1956. With the abolition of the said section once again it has been a Private Ltd. Company. Compliance of formalities to be carried in this connection as is required under the provisions of Section 43A (2A) and 3(1)(iii)(d) ibid is in progress.

14.0 PREVIOUS YEAR'S FIGURES

Previous Year's figures have been regrouped and rearranged wherever considered necessary.

Signatures to Schedules A to O for Balance Sheet, Schedules 1 to 16 for Profit & Loss Account and Schedules 17 & 18 for Accounting Policy and Notes on Accounts.

V. Prakasa Rao
Company Secretary

N. P. Dhar
General Manager (Finance)

J. P. Singh
Director

B. Akala
Chairman-cum-Managing Director

In terms of our report of even date attached

For De Chakraborty & Sen
Chartered Accountants

Sd/-

(D. K. Roy Chowdhury)
Partner

Place : Kolkata
Dated : 01.08.2001

INFORMATION AS REQUIRED BY PART - IV OF SCHEDULE VI TO THE COMPANIES ACT, 1956

Balance Sheet Abstract and Company's General Business Profile 03 Jharkhand (State Code)

I. REGISTRATION DETAILS :

Registration No.

0 0 1 2 2 3

State Code

0 3

Balance Sheet Date

3	1	0	3	2	0	0	1
Date		Month		Year			

II. CAPITAL RAISED DURING THE YEAR (Amount in Rs. '000):

Public Issue

N I L

Rights Issue

N I L

Bonus Issue

N I L

Private Placement

N I L

III. POSITION OF MOBILISATION AND DEPLOYMENT OF FUNDS (Amount in Rs. '000) :

Total Liabilities

5 6 6 2 4 4

Total Assets

5 6 6 2 4 4

Sources of Funds :

Paid-up Capital

1 9 0 4 0 0

Reserve & Surplus

3 5 7 7 0 0

Secured Loans

N I L

Unsecured Loans

1 8 1 4 4

Application of Funds :

Net Fixed Assets

6 4 3 9 0 0

Investments

N I L

Net Current Assets

(-) 1 1 2 5 2 1

Misc. Expenditure

3 4 8 6 5

Accumulated Losses

N I L

IV. PERFORMANCE OF COMPANY (Amount in Rs. '000):

Turnover (Net)								Total Expenditure									
	0	1	5	5	9	8	3	2			1	5	9	7	9	0	9
Profit/Loss Before Tax								Profit/Loss After Tax									
+	-							+	-								
	-			3	8	0	7	7		-			4	5	2	4	2
Earning per share (Rs.)								Dividend									
						N	I	L								N	A

V. GENERIC NAME OF PRINCIPAL PRODUCTS/SERVICES OF THE COMPANY :

Item Code No. (ITC Code) NOT AVAILABLE

Product Description MINE PLANNING &
DESIGN

Item Code No. (ITC Code) NOT AVAILABLE

Product Description GEOLOGY &
DRILLING

Item Code No. (ITC Code) NOT AVAILABLE

Product Description NATURAL RESOURCE
MANAGEMENT AND
FIELD SERVICES

Signed for Schedules A to O and 1 to 18.

V. Prakasa Rao
Company SecretaryN. P. Dhar
General Manager (Finance)J. P. Singh
DirectorB. Akala
Chairman-cum-Managing Director

**ANNEXURE FORMING PART OF DIRECTORS' REPORT
FOR THE YEAR ENDED 31.03.2001
INFORMATION AS PER SECTION 217(2A)
OF THE COMPANIES ACT, 1956 READ WITH
COMPANIES (PARTICULARS OF EMPLOYEES) RULES, 1988**

Sl.No.	Name	Designation/ Nature of work	Remuneration during the year (Rs.)	Nature of employment permanent/ temporary	Qualification	Experience (Yrs.)	Date of commencement	Age on 31st March 2001 (Yrs.)	Last employment held
1	2	3	4	5	6	7	8	9	10

- (a) Employed through out the financial year under review and were in receipt of remuneration for that financial year in the aggregate of not less than Rs.12,00,000/-.

NIL

- (b) Employed for the part of the financial year under review and were in receipt of remuneration for any part of that financial year at a rate which in the aggregate was not less than Rs.1,00,000/- per month.

NIL