



IBM MANUAL FOR INSPECTION OF MINES, 2014

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CONTENTS	PAGE NO.
1. Introduction	1
2. Scope and objectives of inspection of mines	2
3. Authority for inspection of mines	3
4. Organization for carrying out inspection of mines	4
5. Types of inspection	5
6. Procedure for inspection	5
<i>6.1 Pre inspection Requirements</i>	5
<i>6.2 Selection of mines</i>	6
<i>6.3 Items for inspection</i>	8
<i>6.4 Post inspection requirements.</i>	10
<i>6.5 Standard procedure for task force inspection</i>	11
<i>6.6 Standard procedure for issuing mcdmr, 1988 violation based on office record</i>	11
<i>6.7 Scrutiny of monthly and annual returns</i>	12
7. Compounding of offences	13
8. Prospecting licences and its monitoring	13
9.0 Examination of virgin area, under pl application, ml application	17
<i>9.1 Objectives and field work</i>	17
<i>9.2 Format for report</i>	18
10.0 Inspection of mines in connection with stoping notice	19

<i>10.1 Definition</i>	19
<i>10.2 Objective</i>	20
<i>10.3 Preparation of field work</i>	21
<i>10.4 Methodology of field work</i>	22
<i>10.5 Preparation of report</i>	24
<i>10.6 Format for report</i>	25

LIST OF ANNEXURE

ANNEXURE NO.	SUBJECT	PAGE NO.
1(a) & (b)	The territorial jurisdiction of the Controller of Mines / Regional Controller of Mines	28
2 (a)	Copy of Section 24 of MM(D&R) Act, 1957 – Power of entry and inspection	35
2 (b)	A list of officers of Indian Bureau of Mines authorised under Section 24(1) of MM(D&R) Act, 1957 (power of entry and inspection)	36
2 (c)	A list of officers of Indian Bureau of Mines authorised under Section 22 of MM(D&R) Act, 1957 (power to prefer complaint).	37
3(a), (b), (c) & (d)	Notifications authorising officers of IBM under Section 24 of MM(D&R) Act, 1957	38
4 (a) & (b)	Notification authorising officers of IBM under Section 22 of MM(D&R) Act, 1957	45
5 (a)	Copy of Section 10 of Environment (Protection) Act, 1986 – power of entry & inspection	49
5 (b)	Relevant Extract of Gazette Notification of the Ministry of Environment & Forests, Department of Environment, Forest & Wild Life S.O. No. 83(E) dated 16 th February, 1987	50
5 (c)	Copy of Section 11(1) of Environment (Protection) Act, 1986 – Power to take sample	51
5 (d)	Relevant extract of Gazette Notification of the Ministry of Environment & Forest, Dept. of Environment, Forest &	52
6	Authorisation under section 5(2) of MM(D&R) Act, 1957	53
7	Authorisation of officers to perform the function under various rules of MCDR, 1988	54

8	Notice of Inspection to the lessee	55
9	TMIS MCDR Input Database	57
10	RP Control Chart.	64
11	PL Control chart.	64
12	PL Inspection Report Format.	66
13	Model form of violation letter	70
14	Model form of Show-Cause Notice	71
15	Model form of Violation–cum-showcause Notice.	72
16	Model suspension order.	74
17	Model form for recommending determination of lease under Rule-27 (5) of MCR, 1960 to State Government.	76
18	MCDR, 1988 inspection format.	77
19	Control Chart for follow up of MCDR Inspection.	84
20	Summary of yearwise proposal for PMCP.	85

LIST OF OFFICERS ASSOCIATED

1. *SHRI. J.R.CHAUDHARY, Regional Controller of Mines, IBM, Udaipur.*
2. *SHRI. G.K.JANGID, Deputy Controller of Mines, IBM, Goa.*
3. *SHRI. ABHAY AGARWAL, Deputy Controller of Mines, IBM, Nagpur.*
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MANUAL FOR INSPECTION OF MINES

1. INTRODUCTION

Under Entry 54 of List I of the 7th Schedule of Constitution of India, the Union govt. has taken under its control the responsibility of “regulation and development of minerals”. Accordingly, for the purpose of regulation of mines and development of minerals, central govt. has enacted Mines & Minerals (Regulation & Development) Act, 1957 (No.67 of 1957). Subsequently it was substituted by Mines & Minerals (Development & Regulation) Act (No. 38 of 1999). Section 18(1) of the above act provides that;

“It shall be the duty of the Central Government to take all such steps as may be necessary for conservation and systematic development of minerals in India and for the protection of environment by preventing or controlling any pollution which may be caused by prospecting or mining operations and for such purpose the Central Government may by notification in the Official Gazette, make such rules as it thinks fit”.

Indian Bureau of Mines (IBM) founded on 1st March 1948 as a consequence of recommendations of the Mineral Policy Conference held in January 1947 which was accepted by the govt. It carries out inspection of mines under the authority of two rules framed in persuasion of the above act namely (1) Mineral Conservation and Development Rules, 1988 and (2) Mineral Concession Rules, 1960 and also the authority given under Section 11 of Environment (Protection) Act 1986 and Rule 12 of the Environment (Protection) Rules, 1986. Inspection of mines are carried out by the Mines Control & Conservation of Minerals (MCCM) Division of IBM through its 12 regional, 3 zonal and 2 sub regional offices located in different parts of the country. It has its head office at Indira Bhawan, Civil Lines, Nagpur. The territorial jurisdiction of

Controller of Mines/Regional Controller of Mines as notified in the official gazette are indicated in Annexures 1(a) and 1(b).

2. SCOPE AND OBJECTIVES OF INSPECTION OF MINES

The Ministry of Mines, Govt. of India has entrusted IBM with certain definite functions to perform which was subsequently revised and enlarged. The revised charter of functions of IBM is as follows:-

- a) To promote systematic and scientific development of mineral resources of the country (both onshore and offshore).
- b) To approve mining plans, schemes and mine closure plans having regard to conservation of minerals and protection of environment.
- c) To collect, collate and maintain database on exploration, prospecting, mines and minerals and to bring out publications / bulletins highlighting the problems and prospects of mining industry.
- d) To play a pro-active role in minimizing adverse impact of mining on environment by undertaking environmental assessment studies on regional basis.
- e) To conduct suo motto techno-economic field studies in mining, geology, mineral processing and environmental aspects including analysis of ore and minerals and to promote R & D activities in these areas.
- f) To provide technical consultancy services on promotional basis within the country and abroad in the field of mining, geology, mineral processing and environment.
- g) To provide training to the scientific, technical and other cadres of the department and persons from the mining industry and other agencies for human resource development.
- h) To advise the Government on matters in regard to the mineral industry, relating to environment protection and pollution control, export and import policies, trade, mineral legislation, fiscal incentives and related matters.

- i) To promote awareness about conservation, systematic and scientific development of mineral deposits and protection of environment including restoration and rehabilitation of mined out areas through exhibitions and audiovisual media.
- j) To promote and monitor community development activities in the mining areas.
- k) To undertake any such other activity as may become necessary in the light of the developments in the field of geology, mining, mineral beneficiation and environment.

3. AUTHORITY FOR INSPECTION OF MINES

Enforcing conservation and systematic development of mineral resources and conducting studies on environmental protection and pollution control in regard to mining and mineral beneficiation operations are carried out by MCCM Division under different statutory provisions made under MM(D&R) Act, 1957, MCR, 1960, MCDR 88, Environment (Protection) Act, 86 and Environment (Protection) Rules, 86 and authorities delegated thereunder as enumerated below :

Section 24 of MM(D&R) Act has empowered any person authorized by the central government or a state government to enter and inspect any mine, survey and take measurements, examine any document or order the production thereof and examine any person connected with the mine. A list of authorized persons is appended as Annexure 2(a) (b) & (c).

By different gazette notifications dated 27-1-59, 29-3-65, 25-4-72, 27-5-95 and 31-8-96, the Central govt. have authorized Controller General, Chief Controller of Mines, Controller of Mines, Regional Controller of Mines, Deputy Controller of Mines, Sr. Asstt. Controller of Mines, Asstt. Controller of Mines, Asstt. Mining Engineer, Regional Mining Geologist, Sr. Mining Geologist, Jr. Mining Geologist, Asstt. Mining Geologist under the above section vide Annexures 3(a) to 3(d).

Section 22 of MM(D&R) Act empowers any person authorized by Central Govt. (Annexure-2C) or the State Government to launch complaints in the court of law for violation of provisions of the Act on any rules made thereunder.

The Central Govt. in Gazette Notification No.GSR 83 dated 16-1-1986, S.O. 2523 dated 30-7-1996 have authorized Controller General, Chief Controller of Mines, Controller of Mines, Chief Mineral Economist, Chief of Mineral Statistics, Regional Controller of Mines, Suptdg. Mineral Economist, Mineral Economist (Stat), Deputy Controller of Mines, Deputy Mineral Economist (I), Deputy Mineral Economist (Stat), Sr.Asstt. Controller of mines, Asstt. Controller of Mines, Asstt. Mineral Economist (I), Asstt. Mineral Economist (Stat), Senior Mining Geologist (attached to MCCM division), Junior Mining Geologist (attached to MCCM division) to prefer complaints in respect of any offence punishable under the above Act and any rules made thereunder vide annexures 3(c), 4(a)(b).

Under Environment Protection Act some authorization have been given for various purposes as given in Annexure-5 (a) to (d).

Section 5(2)(b) of MM(D&R) Act 1957 requires approval of a Mining plan by the central govt. The Central Govt. in their Gazette Notification No.5(1)/87-M.VI dated 28-4-1987 has provided that the powers under the above section shall also be exercised by the Controller General, Chief Controller of Mines, Controller of Mines, Regional Controller of Mines vide Annexure 6.

Under Rule 3(c) of MCDR, 88, Controller General, IBM has authorized the officers of IBM in writing to perform the functions under these rules vide Annexure 7.

4. ORGANIZATION FOR CARRYING OUT INSPECTION OF MINES

Inspection of mines are carried out by MCCM Division through its 12 regional offices located at Ajmer, Bangalore, Bhubaneshwar, Kolkata, Chennai, Dehradun, Goa,

Hyderabad, Jabalpur, Nagpur, Ranchi and Udaipur and 3 zonal offices viz Central, South and North located at Nagpur, Bangalore and Ajmer respectively and 2 sub-regional offices located at Guwahati and Nellore and Chief Controller of Mines office at Nagpur.

5. TYPES OF INSPECTION

The following types of inspections are carried out by MCCM Division :

A. Inspection under MCDR, 1988

- i) Inspection of mines for enforcement of MCDR, 1988
- ii) Inspection of mines in connection with processing and approval of scheme of mining, modification in the approved scheme of mining and mine closure plans.
- iii) Inspection of underground mines for disposal of stoping notice under rule 26 of MCDR, 88.
- iv) Inspection of valid PL areas under rule 4, 5 & 6 of MCDR, 88.
- v) Inspection of valid RP areas under rule 3A to 3E of MCDR, 88.

B. Inspection for complying the provisions of MCR, 1960

Inspection for processing and approval of Mining plan under rule 22 & 24 of MCR, 1960

C. Task Force inspection and joint inspection with state govt.

D. Any other inspections as directed by competent authority

6. PROCEDURE FOR INSPECTION

6.1 Pre inspection Requirements:

- i) Every office shall chalk out its annual inspection calendar in advance to fit in its approved annual programme.
- ii) The inspecting officer shall submit his tour programme to his Controlling officer for approval.
- iii) On approval of tour programme, the inspecting officer shall issue notices of inspection to the lessee, as far as possible.

The inspecting officer shall study the mine file and examine the (i) previous violations pointed out, (ii) show-cause notices issued, (iii) compliance position of outstanding violations and (iv) further follow up action.

- iv) Once the inspection programme is finalized, intimation may be given to the concerned officers of state govt over phone/fax/email, so that they can join for inspection/studies of mines as included in item D above.
- v) The inspecting officer shall study the concerned RP/PL/mine files, RP report/PL Report/mining plan/scheme of mining, reports, records, notices and returns, as applicable for the type of inspection and appraise himself with the facts, figures and problems of the area/mine(s) and identify the areas of special attention before proceeding on tour.
- vi) Before an inspecting officer proceeds on inspection of RP/PL area/mines, he shall brief the controlling officer.

6.2 Selection of Mines:

The following priority order will be adopted while selecting the list of mines to be inspected.

- I. All fully mechanized category “A” mines (both Open cast and under Ground) shall be under taken at least twice in a financial year (Refer Ministry of Mines letter No. 16/12/2009-MVI (Pt.XIX (Vol.IV(dated 9.12.2003)

- II. Inspection of mines having approved modifications in the Mining Plan/ Scheme of Mining are to be inspected, as below (Refer Ministry of Mines Letter No. 16/12/2009-MVI dated 29.10.2010).
 - a. Mines having increase in production by more than 50% are to be inspected every 3 months.
 - b. Mines having increase in production between 25 to 50% are to be inspected every 6 months.
 - c. Mines having increase in production by less than 25% are to be inspected every year.
- III. Recalcitrant lessees violating provisions of the MMDR Act, 1957, MCR 1960 and MCDR 1988 (Refer Ministry of Mines Letter NO. 16/37/2013-M.VI dated 24.10.2014).
- IV. All underground mines.
- V. Other A category mines.
- VI. All mines whose leases are expiring within 2 years.
- VII. Mines where conservation problems are known to exist or where difficult working conditions exist which could mitigate against the enforcement of more important provisions of MCDR including implementation of mining plan, enforcement of provision pertaining to abandonment of mines and/or temporary discontinuance of mining operations those relating to environment submission of returns and notices etc.
- VIII. Mines of important minerals of the region and of strategic minerals.
- IX. Mines not inspected for more than 2 years in the immediate past and
- X. Other B category mines.

While according above priority for selection of mines for inspection the following aspects shall also be taken due note of and reflected in the selection criteria:-

1. Value of mineral out put
2. Area of lease
3. Leases having large forest areas (where forest area is more than 25% within the lease area)
4. Leases located in ecologically sensitive areas
5. Leases with past record of violation/illegal mining/located in endemic areas.

The tentative list of mines to be inspected shall be sent by all Regional Heads/OIC to the Controller of Mines in the 1st week of February every year for the inspections to be conducted for the next financial year with detailed justifications as per the above laid criteria. The Controller of Mines shall approve the list. Any change from the list shall require an approval from the Controller of Mines concerned.

6.3 Items for inspection:

The broad items to be covered during different types of inspections re enumerated below against each type which are only guidelines and not exhaustive. The inspecting officer may cover additional items also to suit the requirement of a particular inspection.

A. I) Inspection of mines for enforcement of MCDR, 1988

- (i) MP/SOM/MCDR inspections for the all fully mechanized mines and all underground mines should be carried out as far as possible by a team of multidisciplinary officers involving officers from mining/ geology/OD discipline to make inspections more effective.
- (ii) The instructions, as issued from time to time has to be followed by Inspecting officer(s). The inspection notice should be sent as per format given in Annexure-8.
- (iii) The inspecting officer(s) shall examine the mine with particular emphasis on the implementation of approved mining plan/scheme of mining w.r.t. aspects issued from time to time.
- (iv) In case of final closure, the complete area must be physically verified on the ground.

Certificate under rule 29A of MCR 1960 should be considered in accordance with the compliance of proposals contained in approved final mine closure plan.

- (v) a) Inspecting officer will check the status of submission of various statutory returns/notices/report.
- b) Information, as far as available shall be collected as per the standard format TMIS input database, MCDR (Annexure-9).

c) Sample scrutiny of different notices and returns submitted by the lessee shall be made and spot guidance for proper filling up the notices and online/offline returns shall be provided to the lessee. Efforts should be made to guide the lessee for proper filling of online returns on grade of mineral, PMV, sale value etc.

II. Inspection of mines in connection with processing and approval of mining plan and scheme of mining for existing leasehold under rule 11, 12 of MCDR, 1988 or under rule 24A of MCR, 1960. The check list for examination of mining plan/SOM and inspection of mines have been prepared to maintain uniformity in inspection and examination of MP/SOM and available on ibm website <http://www.ibm.gov.in> .

III. Inspection of underground mines for disposal of stoping notice/Granting of stoping permission under rule 26 of MCDR. A separate format for reporting the stoping permission cases is dealt in Chapter 10.

IV. Inspection of valid RP/PL areas-- Inspection of RP and PL areas will be taken up by Mining Geologists of GM&MM cell/ Regional offices and it is to be ensured that the exploration carried out by the PL holders should be UNFC compliant as per the guidelines regarding submission of mineral concession proposals prescribed by the Ministry of Mines. All valid RP and PL areas should be properly monitored and a status report on the valid RP and PL should be sent to CMG in the prescribed monthly report format of the mining geologists.

A standard format for RP & PL Control chart has been given in Annexure-10 & 11.

B. Inspection for processing and approval of mining plan under rule 22 of MCR, 1960. Items to be covered are similar to Sr.No.A(II) above. The inspecting officer will observe & issue violation letter as per procedure described for routine MCDR inspections and subsequently followed up to bring it to its logical end during inspection for MP/SOM/FMCP etc.

6.4 Post Inspection Requirements:

- i) The officer will record salient observations about the mines inspected in a file maintained for the purpose and bring it to the notice of RCOM during debriefing.
- ii) Any spot guidance rendered to mine owner/mine officials as well as compliance of different notices during inspections should be brought to the notice of RCOM/OIC during debriefing.
- iii) Fair typed letter for violation (with speaking type of violation bringing out specific rule, sub rule and extent of non-compliance by the lessee) of MCDR, 88 (Annexure-13) giving 45 days time to the lessee for compliance/submission of satisfactory reply with specific commitment for rectification of each violation shall be issued within 15 days from return of tour by the inspecting officer (other than AME/AMG) with the approval of RCOM/OIC on the file. Monitoring of all inspections carried out & follow-up action for violations observed, shall be responsibility of the individual inspecting officer and RCOM/OIC. Each inspection has to bring to its logical end through issue of violation letter, show cause notice, suspension/prosecution as per the system in practice. Suspension and prosecution may be taken up simultaneously for a lease inspected by an officer.
- iv) In case where reply of lessee is considered unsatisfactory or where there is no reply even after expiry of 45 days of the date of issue of violation letter, a show cause notice (Annexure-14) shall be issued to the lessee allowing further 30 days to rectify the violation with the approval of RCOM on the file. Both the violation letter and show cause notice shall be issued by registered/speedpost with A/D, if possible with other mode of communication like email/fax etc. However ***depending on the seriousness of the violation, a violation cum show cause notice can be issued directly giving 30 days time.***

v) The inspecting officer shall submit his inspection report within two months from the date of inspection of mine as per format given in Annexure-18. Data entry of all inspections, as applicable in TMIS data base and its correctness shall be the responsibility of the individual inspecting officer.

Inspecting office should examine all the instructions as applicable on the date of inspections.

vi) Inspection reports duly submitted and approved shall be sent by RCOM to respective state government under intimation to Controller of Mines and kept in mine file. Soft copy of different types of reports/letters/notices shall be uploaded on IBM website periodically.

vii) In case of defaulter of MCDR, 88 legal action may be initiated by the inspecting officer against the lessee with approval of RCOM/DCOM Incharge. For Suspension of Mining Operations under Rule 13(2) & 45(7) and/or launching prosecution for violation of rules 12, 13(i), 45(5)(a) and 45(5)(b) of MCDR, 88 the competent authority shall be RCOM of concerned Region.

viii) RCOM will conduct monthly meeting with all officers to review the status of implementation of MCDR, 1988.

6.5 Standard Procedure for Task Force Inspection :

The inspections and its followup shall be carried as per the instructions issued/procedure prescribed from time to time:

6.6 Standard Procedure for issuing MCDR, 1988 violation based on Office Record :

The violation or violation cum shown cause notice may be issued to lessees for non compliance of rules based on record. These violation or violation cum show - cause notice may be issued in respect of following rules generally:

- (a) Rule 12 of MCDR,1988
- (b) Rule 45 of MCDR,1988,
- (c) For other relevant record based Rules of MCDR,1988

Violation or Violation cum show cause notice in standard Format (Annexure-15) may be send to the concerned lessee by registered/speed post with A/D by the RCOM/OIC giving 45/30 days time for rectification.

In case where reply of lessee is considered unsatisfactory or where there is no reply even after expiry of 45/30 days from the date of issue of violation or violation cum show causes notice, then inspecting officer with the approval of RCOM/OIC may issue show-cause notice/RCOM may order for suspension of mining operations in the standard format (Annexure-16)/court case.

After compliance of the Rule RCOM may revoke the suspension order .

In case no response/ action is taken by the lessee for compliance of Rule within 90 days or the period sought by him for compliance shall be examined and resolved accordingly. In case of repeated request for extension on merits regional office may consider the case for recommending termination or suitable action of lease to state govt for deviation of conditions of the covenants of the lease deed as per rule 27(5) of MCR, 1960 (Annexure-17)

6.7 Scrutiny of Monthly and Annual Returns :

Scrutiny of returns will be done by MMS division and the comments / observations are to be forwarded to the concerned Regional office for further necessary action as per rule 45 of MCDR, 1988.

7. COMPOUNDING OF OFFENCES

Compounding shall be done by the authorised officer as per procedure/guidelines under Section 23A of MM(D&R) Act 1957.

8. PROSPECTING LICENCES AND ITS MONITORING

8.1 The prospecting licences are granted by the State Government under MCR-1960. For grant of prospecting licences in respect of any specified minerals in the First schedule of the Act prior approval of the Central Government is required.

8.2 The main objective of a prospecting licence is to carryout systematic and scientific exploration in the PL area by the licence holder so as to enable him to get a Mining Lease. Under Section 11 (1) of the Act , the License holder enjoys preferential right for obtaining a mining lease, in respect of that land over any other person.

8.3 The National Mineral policy, 2008 in Para 6.2 which reads “*Data filing requirements will be rigorously applied and all concession holders will be subjected to detailed monitoring in this regard. The lock-in arrangements will be assured and released data will be integrated with the data generated by the state agencies and made available to other prospectors*” also emphasizes rigorous monitoring of data filing requirement.

8.4 The importance of prospecting licenses and its monitoring has increased over the years as it enables a license holder to get a mining lease. The exploration carried out during the prospecting licence period should enable the license holder to prepare a systematic and scientific mining plan and satisfy the requirements of Section 5 (2) of the Act and letter No F.No. 7/60/2006-MIV dated 24/06/2009 issued by Ministry of mines.

8.5 The licence holder after grant and execution of the PL is required to submit various returns, notices, intimations and reports to IBM under MCDR-1988. Some of the important provisions of the MCDR-1988 governing the prospecting licenses are given in table below. Of these rules 4 to 8 and rules 42, 46, 47, 48 and 59 are of extreme importance from the point of view of a prospecting licence. These rules are required to be effectively monitored and followed up and complied with.

Rule	Provision
4	Scheme of prospecting
5	Modification of scheme of prospecting
6	Prospecting operation to be carried out in accordance with scheme of prospecting
7	Intimation about prospecting operations
8	Report of prospecting operations
31	Protection of environment
32	Removal and utilisation of top soil
33	Storage of overburden, waste rock, etc
34	Reclamation and rehabilitation of lands
37	Precaution against air pollution
38	Discharge of toxic liquid
39	Precaution against noise
41	Restoration of flora
42	Employment of geologist and mining engineer
46	Notice of certain appointments
47	Notice of shaft sinking and boreholes
48	Records of shafts and boreholes
50	Notice of transfer of prospecting licence or mining lease
53	Copies of notices and returns to be maintained
59	Preservation of cores, etc

8.6 It shall be the responsibility of the regional offices, IBM to maintain all information related to the submission of returns, notices and reports etc. in respect of prospecting licences. The RCOM/OIC of each regional office may nominate

the senior most mining geologist of the region to function as a nodal officer who shall be responsible for maintenance of all information and data pertaining to the prospecting licences and shall submit periodical information in the prescribed format to the Chief Mining Geologist (CMG).

Each year the nodal officer shall collect information regarding the list of the prospecting licences granted by various state governments along with a copy of the grant orders for records and send the same to the CMG, IBM in the prescribed format.

8.7 Submission of Prospecting Scheme by the licence holder:

8.7.1 Under rule 4 of MCDR the licence holder is required to submit a scheme of prospecting to IBM within a period of 60 days from the date of execution of the prospecting licence. The prospecting scheme shall include:

- (a) particulars of area;
- (b) the scale of the plan and the area of geological mapping;
- (c) the number of pits, trenches, and bore holes which he proposes to put in the area;
- (d) the particulars of the machines to be used;
- (e) the details of exploratory mining [if any, proposed] to be undertaken;
- (f) the number of samples proposed to be drawn and analysed;
- (g) the beneficiation studies proposed to be undertaken; and
- (h) any other matter relevant for the preparation of scheme of prospecting, as directed by the Controller General or the authorised officer from time to time by a general or specific order.
 - (i) baseline information of prevailing environmental conditions before the beginning of prospecting operations;
 - (j) steps proposed to be taken for protection of environment which will include] prevention and control of air and water pollution, progressive reclamation and rehabilitation of the land disturbed by the prospecting operations, a scheme for the plantation of trees, and such other measures, as may be directed from time to time by the Controller General or the authorised officer for minimising the adverse effect of prospecting operations on the environment.

8.7.2 Based on above a detailed format for the scheme of prospecting has been approved by the Controller General, IBM and is available in the website of IBM. A copy of the same is placed as Annexure-12 It should be ensured that the scheme of prospecting is submitted as per the standard format and all the fields are properly filled. The proposals in the scheme of prospecting should satisfy the requirements of UNFC field guidelines. Otherwise the PL holder shall be promptly intimated regarding the deficiencies observed with the approval of RCOM/OIC.

8.8 Inspection of prospecting Licences:

8.8.1 Each prospecting licence area should be inspected at least once during its active period to find out the level of implementation of various proposals scheme of prospecting and also to evaluate the adequacy of exploration proposals to convert part of the resources likely to be established in G1 and G2 categories of UNFC. If required more than one visit of the area may be required depending on the necessity.

8.8.2 The prospecting licence areas are normally to be inspected by the Mining Geologists posted in the regional offices. However depending on the work load, the same may also be taken up by the mining geologists of the zonal office or the head quarters at the discretion of the Chief Controller of Mines.

8.8.3 The procedure to be followed for inspecting PL areas and other follow up action will be same as for the normal MCDR inspection.

8.8.4 The inspection report of the PL area will be prepared as per format available in Annexure-12 and submitted to the controlling officer. A copy of the inspection report will be sent to COM, CMG and the concerned state government.

8.8.5 The inspecting officers will be required to draw representative samples as per CCoM circular No.1/2012 and send the same for testing in OD Lab in IBM.

8.8.5 The inspecting officers will also be required to take few field photographs for records.

8.8.6 The nodal officer/inspecting officer shall examine the Pl reports submitted and ensure the reports submitted are as per the prescribed format. The report are UNFC compliant i.e The exploration has been carried out as per the proposals made in the scheme of prospecting and the reserves and the resources so estimated are as per standard practice and norms. Deficiencies if any observed shall be communicated to the licence holder with the approval of the RCOM/OIC. (Ref; Circular No. 4/2009 & letter No D-284/6/GMMC/2009/CMG dated 5.7.13.

8.9 Disemination of Prospecting report:

8.9.1 Under rule 16(3) of MCR 1960. After expiry of the lock in period i.e two years from the date of expiry of the licence or abandonment of operations, or termination of the licence the regional office shall upload the data in IBM web site.

9. EXAMINATION OF VIRGIN AREA, UNDER PL APPLICATION, ML APPLICATION

9.1 OBJECTIVES AND FIELD WORK :

9.1.1 Examination of a virgin area for the purpose of preparing comments to be sent to the granting authority amounts to almost a critical examination of an area for purpose of preparing a scheme of exploration. In such a situation the area may have to be examined with the objective of ascertaining whether the mineral, for which prospecting is to be done, is likely to occur in the area under investigation. This could be possibly done by examining the outcrops of rock types. The occurrence of rock types in the area would indicate possibility of occurrence of the particular mineral. Besides, natural cuttings, streams, nala, ravines, well diggings – may help in observing exposure of the particular ore/mineral. Protection and maintenance of environment as far as possible near to the pre-mining condition is an important consideration. Hence,

it is essential that relevant details about the fauna, flora, water courses, land use, habitats, public utility spots, etc., may be collected.

9.1.2 Besides, the technical aspects detailed above, a few administrative aspects may have to be looked into viz.,

i) shape and size of applied area, continuity of areas under consideration in case it is more than one block to check up relevant provisions of MM(D&R) and MCR.

ii) details of nearby mines/leaseholds discussing the status of other neighbouring leaseholds (within a radial distance of 500 m) whether it is a public sector mine or captive mine in a private or public sector, etc.

9.1.3 A format for preparation of report has been suggested and, therefore, all relevant data, which are required for preparation of report as per the format, must be collected. In addition to these, if there are other available details/data relevant to the purpose then they may also be collected.

9.2 FORMAT FOR REPORT

1. Name of the area:
2. Name of the applicant:
3. Location :
 - i) Latitude and longitude with toposheet number,
 - ii) Village – District,
 - iii) Nearest Railway Station and Approach road
4. Geological set up of the area : Broad physiographic details with lithological units and structural features as could be observed from the surface examination.
5. Outcrop of the minerals or its exposures in any opening/cutting.
6. Relevant details from any other literature or previous reports published or unpublished.

7. Prognostic reserve appraisal based on available details and data.
8. Details of nearby mines/leaseholds discussing the status of other neighboring leaseholds (within 500 m. radial distance whether it is public sector mine/captive mines in private or public sector, etc.
9. Shape and size of lease area, continuity of lease blocks in case it is more than one block in order to check up the relevant provision of MM(D&R) Act and MCR.
10. Environmental details – Vegetation, land use, location of nearby habitats/river/stream/nala/public roads, any other permanent structure of public utility.
11. Recommendations :
 - i) The recommendations should be specific with justification based on observations made in report.
 - ii) In case of ML application, the available details need be analysed to recommend whether the area be considered for ML or PL.
 - iii) Details may also need examination with a view to recommend part or whole of the area applied for PL or ML.

10. INSPECTION OF MINES IN CONNECTION WITH STOPPING NOTICE

10.1 DEFINITION:

10.1.1 Mining operations in an underground mine is generally done in two phases – ‘Development’ and ‘Stoping’.

- i) Development means the driving of an opening to, or in an ore body or seam or removing overburden or unproductive or waste materials as preparatory to mining or stoping, and

ii) Stopping means making any underground excavation other than development working made for the purpose of winning ores or minerals and includes extraction or splitting or reduction of pillars or blocks of minerals.

10.1.2 Stopping operations may be partial or full. In partial stopping one or more pillars (but not all pillars) developed in a mine may be extracted simultaneous with development in other sections of a mine. Whereas in full stopping, all the pillars developed in a mine are proposed to be stoped with a programme of final abandonment of the particular mine.

10.2 OBJECTIVE:

10.2.1 In the course of development of a mine, the management is expected to develop the mine systematically as per the approved mining plan. At the same time, modification in development scheme may be suggested by IBM through suggestion / direction.

10.2.2 For stopping operations, the mine management has to seek permission from the department for partial stopping or full stopping as per provisions of Rule 26 of MCDR'88. Permission for stopping is given by the Controller of Mines of the Zonal Office.

10.2.3 The main objective of inspection of a mine, where stopping operation has been proposed, is to examine in case of partial stopping :

- i) Whether the blocks proposed to be stoped have been fully developed or blocked;
- ii) Whether stopping of the proposed block would hamper further development of the mineral body along strike direction or along dip direction; and
- iii) Whether all the pay shoots (specially lean ore shoots/veins) have been included in the proposed stope block.

10.2.4 In case of inspecting a mine, where stoping of all blocks has been proposed, with the ultimate idea of abandoning the mine, examination of mine should be conducted with a view to ascertaining:

- i) whether the ore body / bodies exposed in the mine have been fully developed atleast upto economic pay limits;
- ii) whether sufficient exploration has been conducted in order to ascertain occurrence of any other ore bodies or pay zones within a reasonable distance from the opened sections of the mine; and
- iii) whether there is any possibility of developing the mine in future due to change in mining technology, cost structure, etc.

10.3 PREPARATION OF FIELD WORK:

10.3.1 The Rule 26 of MCDR 1988 directs a mine owner to submit an application for permission to stope blocks / pillars in a mine in Form 'B', accompanied by plans and sections on a desired scale.

10.3.2 The details provided in the application should be carefully examined with a view to finding out that ;

- i) the details provided appear to be reliable and cogent;
- ii) the details provided are sufficient to ascertain the economic value of blocks/pillars under proposal of stoping. This aspect may need recalculation in office in order to see that all possible lean zones in the contiguous sections have been included, while maintaining the minimum cut off grade.
- iii) the details provided clearly spell out the proposed method of stoping and also collection of ore form the stope area; and

iv) the details provided are sufficient to understand the provisions made for further development of sections of the mine contiguous to the proposed stope.

10.3.3 The plans and sections submitted need be thoroughly checked in order to gain reliable knowledge about :

- i) ore distribution pattern and morphology,
- ii) scope of further development of any or all ore bodies in the mine,
- iii) proper blocking of the proposed stope sections, and
- iv) provisions of ingress and egress after stoping of proposed block.

10.3.4 In case of partial stoping, it may be examined whether stoping of small sections in the form of one or two blocks at a time creates locking of sufficient ore in crown or all pillars of small sections. If rich pay zones are likely to be left out in crown or sill pillars then it may have to be examined whether partial stoping is desirable.

10.3.5 Thus, before going to field all these technical details may have to be examined so that the mine may be examined with the set objective.

10.3.6 The legal aspects of the rule may also be scrutinized. In case of finding non-compliance of the provisions of the rule, the same maybe pointed out immediately to the mine management.

10.3.7 The past performance of the lease specially in relation to compliance of suggestions/directives issued if any, from the department and status of stope, if any, permitted earlier, should be checked in from the office record.

10.4 METHODOLOGY OF FIELD WORK:

10.4.1 The provision of Rule 26 indicates that a lessee should submit a notice for commencement of stoping operation 60 days prior to the date of commencement of

stopping operations. Hence, it provides a bidding that the department should accord permission or indicate reasons for not according permission within the stipulated period of 60 days. It would, therefore, be desirable that inspection of mine should be planned in such a way that the field officer is able to submit his report to the officer authorized to grant permitting or rejecting the application at least in about 45 days from the date of receipt of application. This will provide 15 days time to the granting authority to examine the report and convey the decision well within the stipulated period of 60 days.

10.4.2 The points of discrepancies or lacunae, if any, observed after thorough scrutiny in the office, may have to be first discussed with the mine management. This will provide an opportunity to understand the points of proposal, which might have remained silent or unexplained in the application.

10.4.3 In conducting the mine examination, the geological plans, ore distribution plan, assay plan submitted by management may be verified by ground checking the critical/important sections of a mine. Difference if any, observed may have to be projected on cross-sections also in order to find out the actual limits of ore bodies/veins.

10.4.4 The relevant data with respect to preparation of assay plans, cost structure, etc., may be verified from office records in order to assess their degree of reliability.

10.4.5 In addition to the above aspects, special attempt may have to be made to understand clearly the morphology of the ore body, its disposition, its structural behavior and also aspects relating to controls of mineralization. This knowledge is very much necessary to decide whether the bore body has been properly and fully developed or being developed and whether exploration done so far as sufficient or

further exploration is required. These aspects are highly essential to consider the proposal for stoping whether it be for a few blocks or all blocks.

10.4.6 The proposed method of extracting ore is to be studied thoroughly during inspection with special reference to the stoping method, the position of ore chutes, man ways, fill passes, draw points, haulage road, the preparatory drives, if any, prior to actual commencement of stoping, the sequence of attacking each stope block/blocks, the position of stope faces as well as mode of supporting the stope back/ wall rocks at various stages, crown/sill rib pillars proposed to be left, envisaged percentage of extraction during stoping operations, etc. All these aspects are to be critically examined and commented upon. Present state of development and development contemplated but not completed or the time of inspection should be clearly brought out. Inspecting officer should ensure during field visit that development of the mine in lateral directions or in depth would not get jeopardized if permission for stoping of the block/blocks in question is given. In case such a possibility is contaminated, the same along with preventive measures in the form of suggestions for development, should be incorporated in the inspection report. It is to be ensured that adequate development LEAD is being maintained in comparison to the blocked out areas for stoping purposes. The future plan of the issues in extracting different types of pillars with expected recovery percentage may also be commented upon.

10.4.7 The above mentioned aspects are necessary to study in order to protect the interest of conservation of mineral resources.

10.5 PREPARATION OF REPORT:

10.5.1 It is very important to bring out all the information collected during checking of stoping notice at the headquarters and information generated at the time of actual field inspection. Stopping cases are time bound and hence extra effort would be required for preparation and submission of the inspection report within a very short

period of time, say, within 10 to 15 days from the date of inspection of the mine. All attempts are to be made to be precise in bringing out the prepared aspects very clearly. The report may be prepared in the following pattern.

10.6 FORMAT FOR REPORT

1.0 INTRODUCTION:

1.1 The object of inspection, date of receipt of stoping notice, date of taking up inspection tour, etc., may be included here. Scrutiny of information, plans and sections submitted at the headquarters and deficiencies, if any, pointed out to the lessee and subsequently obtained, modified information from the lessee may be included here with date.

2.0 LOCATION AND APPROACH:

2.1 Coordinates, topo-sheet number, approach by road, nearest railway station, etc., are to be given here.

3.0 LEASE PARTICULARS:

Total lease area, date of granting of lease, date of granting of lease, date of expiry, date of renewal, if any, and similar other information may be given here. A brief account of earlier stoping notices received and permission granted or not granted for block/blocks of the mine may be given here.

4.0 COMPLIANCES OF EARLIER NOTICES:

Compliance of stipulations/suggestions in respect of steps blocks permitted earlier.

5.0 GEOLOGY, STRUCTURE AND CONTROL:

5.1 Physiography and stratigraphy may be given in brief.

- 5.2 Distribution, lithological units on the surface as well as underground, clearly bringing out the position of ore body in the geological set up is to be given. Geological disposition of ore body and wall rocks for such individual level is to be given with special stress on the geological aspects of the concerned block/blocks and block/blocks lying one level below and above the concerned block/blocks.
- 5.3 Structural interpretation based on available data and data generated during inspection is to be attempted and control of mineralization, if any, should be brought out. The feasibility of occurrence of parallel/satellite ore bodies may be commented upon.
- 5.4 Exploration done and gaps in exploration may be commented upon.
- 5.5 Delineation of the ore body with the help of development already made and further development, if any, required for complete delineation of the body may be commented upon. In case of base metals, recasting of ore zones taking different cut off grades may be necessary.

6.0 MINING AND DEVELOPMENT

6.1 Proposed stoping method is to be studied. Development practice with the formation and disposition of ore chutes, man ways, fill pass, drawn points, drivages, haulage roads, thickness of sill/barrier/crown pillar, development of sill levels, sublevels, etc., for such level ore to be described and the status of development may be commented upon. The status of block/blocks for which permission is sought may be specially commented upon. Extraction of lean zone/zones parallel/satellite ore bodies, mining of parallel ore bodies by forming composite stope block by amalgamating the barren parting as envisaged by the lessee or as considered necessary by the inspecting officer may be incorporated in the report.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Geological, structural and mining aspects as covered in earlier chapters, are to be critically reviewed in arriving at conclusions. While suggestions for further development are formed, comments on compliance of earlier suggestions may also be given.

ANNEXURE - 1 (a)

सं. डी एल-33001/98

REGISTERED NO. DL-33001/98



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 10] नई दिल्ली, शनिवार, मार्च 7, 1998 (फाल्गुन 16, 1919)
No. 10] NEW DELHI, SATURDAY, MARCH 7, 1998 (PHALGUNA 16, 1919)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड I [PART III—SECTION I]

[उच्च न्यायालयों, नियन्त्रक और महालेखापरीक्षक, संघ लोक सेवा आयोग, रेल विभाग और भारत सरकार के संलग्न और अधीनस्थ कार्यालयों द्वारा जारी की गई अधिसूचनाएँ।
[Notifications issued by the High Courts, the Comptroller and Auditor General, the Union Public Service Commission, the Indian Government Railways and by Attached and Subordinate Offices of the Government of India]

केंद्रीय अन्वेषण म्यूरों

नई दिल्ली-110003, दिनांक 17 फरवरी 1998
सं. 2/20/95-प्रशा. 5-डी डी. एन. गुला, सहायक निबंधक (समन्वय), के. डी. म्यूरों में अधिसूचना पर 31 जनवरी, 1998 अपराह्न सं सहायक निबंधक (समन्वय), के. डी. म्यूरों में पर का कार्यभार स्थापित किया।

डा. तरसम चंद
प्रशासन अधिकारी (स्थापना)
केंद्रीय अन्वेषण म्यूरों

केंद्रीय सतर्कता आयोग

नई दिल्ली, दिनांक 13 फरवरी 1998

सं. 2/36/96-प्रशासन-केंद्रीय सतर्कता आयोग सहायक सचिव आयोग में निजी सहायक श्री बाबू नान कर् निजी सचिव के पद पर तदर्थ रूप में नियुक्त। र. 6500-200-10500/- में 1-48601/97

दिनांक 4-2-98 से 3 माह की कर्पाई के लिए अथवा अगले आरंभों तक जो भी पहले हो, के लिए नियुक्त करते हैं।

सुरजीत सिंह
अवर सचिव (प्रशासन)
पूर्व केंद्रीय सतर्कता आयोग

मह. मंत्रालय

महानिदेशानय, के. रि. ए. बल
नई दिल्ली-110003, दिनांक 11 फरवरी 1998

सं. ऑ. डी-35011/91-स्था-1-भारत सरकार 107 बटा. के. रि. ए. बल के श्री बिद्या सागर, सहायक कमिश्नर (आर. प्रार. एन. ए. संस्था 3888) तिनकी मृत्यु दिनांक 9-2-98 को दिनांक का दौंग पड़ने से ही गयी की संघ सहित अधिसूचित करती है, तदनुसार उन्हें दिनांक 9-2-98 से नफरी के निगाहों राना है।

रामनारी यादव
अ. ए. उ. म. नि. (स्थापना)

MINISTRY OF COMMERCE
(DIRECTORATE GENERAL OF FOREIGN TRADE)
New Delhi, the 18th February 1998

No. 6/1852/89-Pers.1/488 (Establishment No. N-8/98).—
Shri G. L. Thakral, Foreign Trade Development Officer in
the Office of Dy. DGFT, Panipat retired from Government
service w.e.f. 31-01-1998 (AN).

K. M. BRAHME
Dy. Director General of Foreign Trade

No. 6/1039/74-Pers.1/484 (Establishment No. N-6/98).—
Shri S. H. R. Hashmi, Joint Director General of Foreign
Trade in the Office of Jt. DGFT, Mumbai retired from Gov-
ernment service w.e.f. 21-1-1998 (AN).

K. M. BRAHME
Dy. Director General of Foreign Trade

No. 6/1531/85-Pers.1/492 (Establishment No. 7/98).—
Shri P. M. Hembram, Foreign Trade Development Officer in
the Office of Jt. DGFT, Calcutta retired from Government
service w.e.f. 31-1-1998 (AN).

K. M. BRAHME
Dy. Director General of Foreign Trade

MINISTRY OF MINES
(GEOLOGICAL SURVEY OF INDIA)

Calcutta-16, the 19th February 1998.

No. 446A/A-19012(4-88)/97/19B.—The Director General,
GSI has approved the appointment of Sri Bhim Bahadur (ST),

STA (Drilling) on promotion to the post of Driller in the
Geological Survey of India on pay according to rules in the
pay scale of Rs. 6500-200-10,500/- in a temporary cap-
acity with effect from 09-12-1997 (FN).

S. K. SINHA
Sr. Administrative Officer
for Director General, GSI

No. 458A/A-19012(4-TKR)/97/19B.—The Director Gen-
eral, GSI is pleased to appoint Sri Tupan Kumar Roy to the
post of Driller Geological Survey of India in the scale of
pay of Rs. 6500-200-10,500/- in officiating capacity, w.e.f.
12-01-1998 (FN) until further orders.

S. K. SINHA
Sr. Administrative Officer
for Director General, GSI

The 20th February 1998

No. 530/E/2-32013/6/Minerologist(Sr.)/94/19A.—On the
recommendation of the Departmental Promotion Committee,
the President is pleased to appoint the following Minerologist
(Sr.) in Geological Survey of India on promotion to the
post of Minerologist (Sr.) in the same department, on pay
according to rules in the scale of pay of Rs. 10,000-325-
15,200/- in an officiating capacity with effect from the
date shown against each, until further order.

Sl. No., Name of the Officer and Date of joining

1. Dr. A. K. De—30-12-1997.
2. Sri Goutam Mukhopadhyay—31-12-1997.

S. K. SINHA
Sr. Administrative Officer
for Director General, GSI

INDIAN BUREAU OF MINES

Nagpur, the 19th February 1998

No. T-43010/CGBM/97.—In exercise of the powers conferred by Rule 62 of the Mineral Conservation and Development
Rules, 1988 and in supersession to the Notification No. 43010/CGBM/91 dated 2nd August, 1994 published in the Gazette of
India, Part-III Section 1, dated 3rd Sept., 1994 it is hereby notified that the territorial jurisdiction of the Controller of Mines
and the Regional Controller of Mines shall be as given hereunder for the purpose of the aforesaid rules.

TERRITORIAL JURISDICTION OF CONTROLLER OF MINES
AND REGIONAL CONTROLLER OF MINES OF INDIAN BUREAU OF MINES

Zonal office	Regional Office	State/UT	District
Controller of Mines (Central Zone), Indian Bureau of Mines, Indira Bhawan, Civil Lines, NAGPUR-440001.	(1) Bhubaneswar Region: Regional Controller of Mines, Indian Bureau of Mines, Ground floor, 175, <i>Shalid Nagar</i> BHUBANESHWAR-751007.	Orissa	All districts except Koojbar and Mayurbhanj.
	(2) Calcutta Region: Regional Controller of Mines, Indian Bureau of Mines, 5th floor, Nizam Palace, 234/4, Acharya J.C. Bose Road, CALCUTTA-700020	Andaman & Nicobar Islands Bihar Orissa	All districts Singbhum Keonjhar and Mayurbhanj
	Uttaranchal Sub-Region: (Under Regional Controller of Mines,	Sikkim West Bengal Uttaranchal Pradesh Assam	All districts All districts All districts

Regional office	Regional Office	State/UT	District
	Indian Bureau of Mines, Calcutta) Officer-in-Charge Indian Bureau of Mines, B-K, Kazaki Road, Ulubari, GUWAHATI-781007.	Manipur Meghalaya Mizoram Nagaland Tripura	All districts All districts All districts All districts All districts
(3)	Jabalpur Region: Regional Controller of Mines, Indian Bureau of Mines Scheme No. II, IBM Colony, Kamla Nehru Nagar, JABALPUR-482002.	Madhya Pradesh	Bhind, Chhatarpur, Damoh, Datia Guna, Gwalior, Jabalpur, Mandla, Morena, Narsinghpur, Panna, Rewa, Sagar, Satna, Shahdol, Shivpuri, Sidhi & Tikamgarh
		Uttar Pradesh	Allahabad, Banda, Chhatrapati Shahuji Maharaj Nagar, Hamirpur, Jhansi, Kushinbhi, Lalitpur, Mahoba, Mirzapur & Sonbhadra.
(4)	Nagpur Region: Regional Controller of Mines, Indian Bureau of Mines 6th floor, H & C Block, Indira Bhavan, Civil Lines, NAGPUR-440001.	Maharashtra State	Ahmednagar, Akola, Amravati, Aurangabad, Bhamburda, Mumbai/ Greater Mumbai, Bhood, Buldhana, Chandrapur, Dhule, Gadchiroli, Jalgaon, Jalga, Nagpur, Nasik, Parbhani, Raigarh, Thane, Wardha & Yeotmal.
		Madhya Pradesh	Balghat, Bastar, Betul, Bhopal, Bilaspur, Chhindwara,

Zonal Office	Regional Office	State/UT	District
			Dowas, Dhar, Durg, Hoshangabad, Indore, Jhabua, Khandwa, Khargaoon, Mandsour, Raigarh, Raipur, Raisen, Rajnandgaon, Rajgarh, Ratan, Sehore, Seoni, Shahjapur, Surguja, Ujjain & Vidisha
	(5) Ranchi Region: Regional Controller of Mines, Indian Bureau of Mines, 349-A, Ashuk Nagar, Road No. 3, RANCHI-834002.	Bihar	All districts except Singhbhum.
Controller of Mines - (North Zone), Indian Bureau of Mines, IV B 9-10, IBM Colony, Balupura Road, Adarsh Nagar AJMER-305001,	(1) Ajmer Region: Regional Controller of Mines, Indian Bureau of Mines, Makhupura Industrial Estate, Nasirabad Road, AJMER-305002.	Rajasthan	All districts except Banswara, Chittorgarh, Dungarpur, Rajasthan & Udaipur.
	(2) Dehradun Region: Regional Controller of Mines, Indian Bureau of Mines, 108, Nehru Nagar, Scheme No. II, DEHRADUN-248001.	Chandigarh Delhi, Haryana Himachal Pradesh Jammu & Kashmir Punjab Uttar Pradesh	Chandigarh, Delhi, All districts All districts All districts All districts except Allahabad, Bandu, Chhatrapati Shahuji Maharaj Nagar, Hamirpur, Jhansi, Kushambi, Lalitpur, Mahoba, Mirzapur & Sonbhadra.
	(3) Udaipur Region: Regional Controller of Mines, Indian Bureau of Mines, Sector No. II, Hiran Maeri Scheme, UDAIPUR-313001.	Dadra & Nagar Haveli Daman & Diu Gujarat Rajasthan	Dadra & Nagar Haveli Daman & Diu All districts Banswara, Chittorgarh, Dungarpur, Rajasthan & Udaipur.

Zonal office	Regional Office	State/UT	District
Controller of Mines (South Zone), Indian Bureau of Mines 39, Industrial Suburb, II Stage Tumkur Road, Yeshwantpuram, BANGALORE-560022,	(1) Bangalore Region: Regional Controller of Mines, Indian Bureau of Mines, 29, Industrial Suburb, II Stage, Tumkur Road, Yeshwantpuram, BANGALORE-560022,	Karnataka	All districts except Bagalkot, Belgaum, Bijapur, Dharwar, Gadag, Haveri & Uttar Kannada,
		Kerala Lakshdweep	All districts Lakshdweep
	(2) Chennai Region: Regional Controller of Mines, Indian Bureau of Mines, Rajaji Bhavan, C-4-A, C.O.O. Complex, Basant Nagar, CHENNAI-600090,	Pondicherry Tamil Nadu	All districts All districts
	(3) Goa Region: Regional Controller of Mines, Indian Bureau of Mines IBM Colony, New National Highway, Near Arlem Breweries, P.O. Fatorda, MARGAO-403602,	Goa Karnataka	All districts Bagalkot, Belgaum, Bijapur, Dharwar, Gadag, Haveri & Uttar Kannada
	Maharashtra	Kolhapur, Pune, Ratnagiri, Sangli, Satara, Sholapur & Solapur	
	Andhra Pradesh	All districts except Chittoor Cuddapah & Nellore	
	Maharashtra	Latur, Nanded & Usmanabad,	
	Andhra Pradesh	Chittoor, Cuddapah & Nellore,	

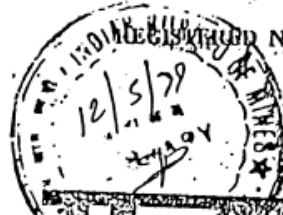
The above shall come into force with effect from 1st April, 1998.

ORDER

Ordered that these territorial jurisdiction of the Controller of Mines and the Regional Controller of Mines be published in the Gazette of India Part-III Section 1 for general information of all the mine owners.

(A. N. BOSE),
Controller General
Indian Bureau of Mines

विश्वविद्यालय सं. 1/बी/एच-33001/98



NO. DL-33

Annexure-1(b)

भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 13]

नई दिल्ली, शनिवार, मार्च 27, 1999 (चैत्र 6, 1921)

No. 13]

NEW DELHI; SATURDAY, MARCH 27, 1999 (CHAITRA-6, 1921).

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखी जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation).

भाग III—खण्ड 1
[PART III—SECTION 1]

PAGE—312

MINISTRY OF STEEL & MINES
(DEPARTMENT OF MINES)
INDIAN BUREAU OF MINES
Nagpur, the 11th March 1999

No. T-43010/COBM/97—In exercise of the powers conferred by Rule 62 of the Mineral Conservation and Development Rules, 1988 and in partial modification to the Notification No. T-43010/COBM/97 dated 19th February, 1998 published in the Gazette of India, Part-III-Section 1 dated 7th March, 1998, it is hereby notified that the territorial jurisdiction of the Controller of Mines (Central Zone) and the Regional Controllers of Mines of Bhubaneswar and Calcutta regions shall be as given hereunder for the purpose of the aforesaid rule.

Territorial Jurisdiction of Controller of Mines (Central Zone) and Regional Controllers of Mines of Bhubaneswar and Calcutta regions of Indian Bureau of Mines.

Zonal Office	Regional Office	State/UT	District
Controller of Mines (Central Zone); Indian Bureau of Mines, Indira Bhawan, Civil Lines, NAGPUR-440001	(1) Bhubaneswar Region : Regional Controller of Mines, Indian Bureau of Mines Ground floor, 175, Shahid Nagar, BHUBANESHWAR-751007	Orissa	All districts
	(2) Calcutta Region : Regional Controller of Mines, Indian Bureau of Mines, 5th floor, Nizam Palace,	Andaman & Nicobar Islands Bihar	All districts East Singhbhum

P. T. O

1	2	3	4
	234/4, Acharya J.C. Bose Road, CALCUTTA-700020	Sikkim West Bengal	West Singhbhum All districts All districts
	Guwahati Sub-Region : (Under Regional Controller of Mines, Indian Bureau of Mines Calcutta), Officer-in-Charge Indian Bureau of Mines 8-K, Kazoki Road, Ulubari, GUWAHATI-781007	Arunachal Pradesh Assam Manipur Meghalaya Mizoram Nagaland Tripura	All districts All districts All districts All districts All districts All districts All districts

The above shall come into force with effect from 1st April, 1999.

ORDER

Ordered that the territorial jurisdiction of the Controller of Mines (Central Zone) and the Regional Controllers of Mines of Bhubaneswar and Calcutta regions, be published in the Gazette of India Part III- Section I for general information of all the mine owners.

K.N. BOSE
Controller General
Indian Bureau of Mines

Copy of Section 24 of MM(R&D) ACT, 1957**Power of entry and inspection.**

24(1) For the purpose of ascertaining the position of the *working*, actual or prospective, of any mine or abandoned *mine or for any other purpose* connected with this Act or the rules made thereunder, any person authorised by the Central Government in this behalf, by general or special order, may

- (a) enter and inspect any mines;
- (b) Survey and take measurements in any such mine;
- (c) Weigh, measure or take measurements of the stocks of minerals lying at any mine;
- (d) Examine any document, book, register, or record in the possession or power of any person having the *control* of, or connected with, any mine and place *marks of identification thereon, and* take extracts from or make copies of such document, book, register or records;
- (e) order the production of any such document, book, register, record , as is referred to in clause (d); and
- (f) examine any person having the control of, or connected with, any mine.

(2) Every person authorised by the Central Government under sub-section (1) shall be deemed to be a public servant within the *meaning of section 21* of the Indian Penal Code, and every person to, whom an order or summons is issued by virtue of the powers conferred by clause (e) or clause (f) of that sub-section shall be legally bound to comply with such order *or summons, as the case may be.*

OFFICERS OF INDIAN BUREAU OF MINES AUTHORISED UNDER SECTION 24(1)
OF MM(D&R) ACT, 1957 (POWER OF ENTRY AND INSPECTION)

1. CONTROLLER GENERAL
2. CHIEF CONTROLLER OF MINES
3. CONTROLER OF MINES
4. REGIONAL CONTROLLER OF MINES
5. DEPUTY CONTROLER OF MINES
6. ASSISTANT CONTROLER OF MINES
7. ASSISTANT MINING ENGINEER (Attached to MCCM Division)
8. CHIEF MINING GEOLOGIST
9. SUPERINTENDING MINING GEOLOGIST
10. REGIONAL MINING GEOLOGIST (Attached to MCCM Division)
11. SENIOR MINING GEOLOGIST (Attached to MCCM Division)
12. JUNIOR MINING GEOLOGIST (Attached to MCCM Division)
13. ASSISTANT MINING GEOLOGIST (Attached to MCCM Division)

OFFICERS OF INDIAN BUREAU OF MINES AUTHORISED UNDER SECTION 22 OF MM(D&R) ACT, 1957 (POWER TO PREFER COMPLAINT)

14. CONTROLLER GENERAL
15. CHIEF CONTROLLER OF MINES
16. CONTROLLER OF MINES
17. REGIONAL CONTROLLER OF MINES
18. DEPUTY CONTROLLER OF MINES
19. ASSISTANT CONTROLLER OF MINES
20. CHIEF MINERAL ECONOMIST
21. CHIEF OF MINERAL STATISTICS
22. SUPERINTENDING MINERAL ECONOMIST
23. MINERAL ECONOMIST
24. MINERAL ECONOMIST (STATISTICS)
25. DEPUTY MINERAL ECONOMISTS (STATISTICS)
26. DEPUTY MINERAL ECONOMISTS (INT.)
27. ASSISTANT MINERAL ECONOMIST (STATISTICS)
28. ASSISTANT MINERAL ECONOMIST (INT.)
29. SENIOR MINING GEOLOGIST (Attached to MCCM Division)
30. JUNIOR MINING GEOLOGIST (Attached to MCCM Division)

सं. 222

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Annexure
3 (a)

भारत का राजपत्र
 The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

15] नई दिल्ली, शनिवार, चैत्र 10, 1965/चैत्र 20, 1887

15] NEW DELHI, SATURDAY, APRIL 10, 1965/CHAITRA 20, 1887

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation

नोटिस

NOTICE

नीचे लिखे भारत के असाधारण राजपत्र 31 मार्च, 1965 तक प्रकाशित किये गये।

The undermentioned Gazettes of India Extraordinary were published upto the 31st March 1965 :-

Issue No.	No. and Date	Issued by	Subject
39	G. S. R. 494, dated March, 1965	25th Ministry of Finance	Specifying that provisions of the Government Savings Certificates Act, 1959 shall apply to the National Savings Certificates (First Issue).
40	G.S.R. 495, dated March, 1965	25th Do.	The Post Office Savings Bank (Amendment) Rules, 1965.
	G.S.R. 496, dated March, 1965	25th Do.	Specifying rates of interest to be paid on accounts of the Post Office Savings Bank.

(587)

PTO

MINISTRY OF STEEL AND MINES

(Department of Mines and Metals)

New Delhi, the 29th March 1965

S.O. 550.—In pursuance of sub-section (1) of section 24 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby authorises, for the purposes specified in the said sub-section, the following officers of the Indian Bureau of Mines to exercise all, or any of, the powers specified in that sub-section:—

- (1) Chief Controller of Mines.
- (2) Regional Controller of Mines.
- (3) Regional Mining Geologist attached to the Mines Control and Conservation of Minerals Division.
- (4) Senior Mining Geologist attached to the Mines Control and Conservation of Minerals Division.
- (5) Junior Mining Geologist attached to the Mines Control and Conservation of Minerals Division.

[No. 1(12)/65-Mil.]

H. S. SAINI, Under Secy.

संख्या सं. डी. 222

INDIAN GAZETTE

AGREEMENT

Date..... 22/6/72

Annexure - 3 (b)

REGISTERED No. D. 221

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

222
222

नई दिल्ली, शनिवार, मई 27, 1972/अपेठ 6, 1894

NEW DELHI, SATURDAY, MAY 27, 1972/JYAISTHA 6, 1894

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग II—खण्ड 3—उपखण्ड (i)

PART II—Section 3—Sub-section (i)

(रक्षा मंत्रालय को छोड़ कर) भारत सरकार के मंत्रालयों और (संघ राज्य-क्षेत्रों के प्रशासनों को छोड़ कर) केन्द्रीय प्राधिकारियों द्वारा जारी किये गये विधि के अन्तर्गत बनाये और जारी किये गये साधारण नियम (जिनमें साधारण प्रकार के आदेश, उन-नियम प्रावि सम्मिलित हैं)।

General Statutory Rules (including orders, bye-laws etc. of a general character) issued by the Ministries of the Government of India (other than the Ministry of Defence) and by Central Authorities (other than the Administrations of Union Territories).

MINISTRY OF EXTERNAL AFFAIRS

New Delhi, the 4th May 1972

G.S.R. 616.—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules further to amend the Indian Foreign Service (Pay, Leave, Compensatory Allowance and other Conditions of Service) Rules, 1961, namely:—

1. (1) These rules may be called the Indian Foreign Service (Pay, Leave, Compensatory Allowances and Other Conditions of Service) Amendment Rules, 1972.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Indian Foreign Service (Pay, Leave, Compensatory Allowances and Other Conditions of Service) Rules, 1961:—

(1) in rule 4,—

(a) for sub-rule (1) and the Note thereunder, the following sub-rule and note shall be substituted, namely:—

"(1) Any post borne on the cadre of the Service shall be in one of the following time-scales

or in one of the grades above the time-scales as laid down below:—

1. Junior Scale—Rs. 400-400-500-40-700-EB-30-1000.
2. Senior Scale—Rs. 900 (6th year or under)—50-100-60-1600-50-1800.
3. Grade IV—Rs. 1800-100-2000.
4. Grade III—Rs. 2500-125/2-2750.
5. Grade II—Rs. 3000.
6. Grade I—Rs. 3500.

NOTE 1.—Grades I and II consist of Heads of Missions. Grade III consist of Heads of Missions and Posts and Ministers not being Heads of Missions. Grade IV consists of Heads of Missions and Posts and Counsellors. The posts borne on the senior scale consist of Consul General, Trade Commissioners, Consuls, First Secretaries, Second Secretaries and Assistant Trade Commissioners. The posts borne on the Junior scale consist of Vice Consuls, Second Secretaries, Assistant Commissioners, Third Secretaries and Attaches.

The members of the Service in Grade III and IV, when not appointed as Heads of Missions, may be

(1429)

MINISTRY OF STEEL AND MINES

(Department of Mines)

New Delhi, the 25th April 1972

G.S.R. 617.—In pursuance of sub-section (1) of section 24 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby authorises, for the purposes specified in the said sub-section, the Assistant Mining Engineer attached to the Mines Control and Conservation of Minerals Division of the Indian Bureau of Mines, Nagpur, to exercise all or any of the powers specified in that sub-section.

[No. F. 1 (36)/71-MVI.]

इस्पात और खान मंत्रालय

(खान विभाग)

नई दिल्ली, 25 अप्रैल, 1972

सा० का० नि० 617.—खान और खनिज (विनियमन और विकास) अधिनियम, 1957 (1957 का 67) की धारा 24 की उपधारा (1) के अनुसरण में, केन्द्रीय सरकार, उक्त उपधारा में विनिर्दिष्ट प्रयोजनों के लिए, भारतीय खान ब्यूरो, नागपुर के खनिज प्रभाग के खान नियंत्रण और संरक्षण से संलग्न सहायक खनन अभियन्ता को, उस उपधारा में विनिर्दिष्ट समस्त अथवा किसी अधिकार का प्रयोग करने के लिए एतद्द्वारा प्राधिकृत करती है।

[सं० फा० 1(36)/71-खान-6]

संख्या दी. एम.-33001/95

ANNEXURE - 3 (c)
REGISTERED NO. D/33001/



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 21] नई दिल्ली, शनिवार, मई 27, 1995
No. 21] NEW DELHI, SATURDAY, MAY 27, 1995



इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग-अलग
रखा जा सके
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separate compilation

PTO

REG. NO. D. 1. 3,000

ANNEXURE - 3 (d)

REG. NO. D. 1. 3,000



भारत का राजपत्र The Gazette of India

प्रसिद्धि के द्वारा
PUBLISHED BY AUTHORITY

सं० 35]
No. 35]

नई दिल्ली, शनिवार, अगस्त 31, 1996/भाद्र 9, 1918
NEW DELHI, SATURDAY, AUGUST 31, 1996/BHADRA 9, 1918

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में
रखा जा सके

Separate Paging is given to this Part in order that it may be filed as a
separate compilation

भाग II—खण्ड 3—उप-खण्ड (ii)
PART II—Section 3—Sub-section (ii)

भारत सरकार के मंत्रालयों (रक्षा मंत्रालय को छोड़कर) द्वारा जारी किए गए सचिवालय आदेश-घोर अधिसूचनाएं
Statutory Orders and Notifications Issued by the Ministry of the Government of India
(Other than the Ministry of Defence)

P.T.O.

THE GAZETTE OF INDIA: PART II, 1996, BHADRA 9, 1918 [PART II 'SUB-SECTION']

MINISTRY OF MINES

ORDER

New Delhi, the 30th July, 1996

S.O. 2522.—In pursuance of sub-section (i) of section 24 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby authorises for the purposes specified in the said sub-section, Senior Assistant Controller of Mines of the Indian Bureau of Mines to exercise all or any of the powers specified in that sub-section.

2. The aforesaid authorisation made in favour of Senior Assistant Controller of Mines, Indian Bureau of Mines under section 24 of the said Act is in addition to such authorisation already made in favour of the officers of Indian Bureau of Mines.

[F. No. 1/2/96-MVI.]

ROOP NARAYAN, Under Secy.

प्रा. वि. सं. (स. ए. म.)-73

Annexure-4 (a)
REGISTERED NO. B. (D. N.)-73



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

नई दिल्ली, शनिवार, फरवरी 1, 1986/माघ 12, 1907
NEW DELHI, SATURDAY, FEBRUARY 1, 1986/MAGHA 12, 1907

इस भाग में भिन्न-पृष्ठ संख्या की जाती है जिससे कि यह अलग संकलन के रूप में रचा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग II—खण्ड 3—उप-खण्ड (I)
PART II—Section 3—Sub-section (I)

(रक्षा मंत्रालय की छोड़कर) भारत सरकार के मंत्रालयों और (संघ राज्य क्षेत्र प्रशासनों को छोड़कर) केन्द्रीय अधिकारियों द्वारा विधि के अन्तर्गत बनाए गए और जारी किए गए साधारण नियम जिनमें साधारण प्रकार के आदेश, उपनियम आदि सम्मिलित हैं।

General Statutory Rules (including orders, bye-laws etc. of a general character) issued by the Ministries of the Government of India. (other than the Ministry of Defence) and by the Central Authorities (other than the Administrations of Union Territories)

राष्ट्रपति सचिवालय

नई दिल्ली, 8 जनवरी, 1986

प्रा. वि. सं. 77—भारत के राजपत्र के भाग II, खंड 3, उपखंड 15 दिनांक 15 सितंबर, 1979 में सा. वि. सं. 1148 के 1979 के अधिनियम द्वारा सचिवालय की अधिसूचना सं. ए.-35011/1/76-प्रशा. दिनांक 25 जुलाई, 1979 के बाद विद्यमान व्यापकतात्मक मान्यता को प्रतिस्थापित है—

इस अधिसूचना को निम्नी तारीख में प्रभावित करने पर कोई भी सरकारी कर्मचारी प्रतिकूल रूप में प्रभावित नहीं होगा।

[सं. ए.-35011/1/86-प्रशा.]

PRESIDENT'S SECRETARIAT

New Delhi, the 8th January, 1985

G.S.R. 77.—The following Explanatory Memorandum appended below this Secretariat Notification No. A-35011/1/86-Adm., dated 25th July, 1979, published in the Gazette of India, Part II, Section 3, Sub-section (i) on 15th September, 1979, as G.S.R. 1148 of 1979:—

No Government Servant is likely to be affected adversely by retrospective effect of this Notification."

[No. A. 35011/1/86-Adm.]

प्रा. वि. सं. 77-1

(215)

सा. वि. सं. 78—राष्ट्रपति, राष्ट्रपति सचिवालय (मर्जी छोड़कर) नियम, 1976 के नियम 16 द्वारा प्रदत्त शर्तियों का प्रयोग करने हुए निम्नलिखित नियम बनाते हैं:—

- (1) इन नियमों का नाम राष्ट्रपति सचिवालय (मर्जी छोड़कर) (छठा संशोधन) नियम, 1986 है।
- (2) वे राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. राष्ट्रपति सचिवालय (मर्जी छोड़कर) नियम 1976 के निमित्त करने की शक्ति से संबंधित नियम 16 में उल्लिखित शर्तों "या संशोधन" छोड़ "अनुसूची में विनिर्दिष्ट पदों में से किसी पद को बायल" को हटाया जाता है और यह शब्द "इन नियमों को लागू करने के कारण को हमेशा लिए पर ध्यान दिया जाएगा" को नियम 16 के अंत में जोड़ा जाए।

[सं. ए.-35011/1/86-प्रशा.]

राजेश्वर कपूर, धरम सचिव (प्रशा.)

G.S.R. 78.—In exercise of the powers conferred by Rule 16 of the President's Secretariat (Recruitment and Conditions of Service) Rules, 1976, the President hereby makes the following rules further to amend the same:—

- (i) These rules may be called the President's Secretariat (Recruitment and Conditions of Service) (Sixth Amendment) Rules, 1986.
- (ii) They shall come into force on the date of their publication in the Official Gazette.

KIND ATTN : MR. MISHRA, JOINT DIRECTOR

222 THE GAZETTE OF INDIA : FEBRUARY 1, 1986/MAGHA 12, 1907 [PART II—Sec. 30]

1	2	3	4	5
47.	11026/3/79-AIS. III	5-11-80	1209	22-11-80
48.	11026/7/79-AIS. III	17-11-80	1235	9-12-80
49.	11026/4/82-AIS. III	16-10-82	890	30-10-82
50.	11026/2/81-AIS. III	6-7-83	531	23-7-83
51.	11026/15/83-AS. III	23-9-83	733	8-10-83
52.	11026/18/83-AIS. III	27-6-84	741	14-7-84
53.	11026/19/84-AIS. III	17-4-84	438	4-5-85
54.	11027/20/81-AIS. III	22-5-85	531	8-6-85
55.	11026/19/83-AIS. III	22-7-85	710	8-8-85

MINISTRY OF STEEL AND MINES.
(Department of Mines)
New Delhi, the 16th January, 1986

G.S.R. 83.—In pursuance of Section 22 of the Mines and Minerals (Regulation and Development) Act, 1957 (61 of 1957) and in supersession of notification of the Government of India in the erstwhile Ministry of Petroleum and Chemicals and Mines and Metals (Department of Mines and Metals) No. G.S.R. 466 dated the 20th March, 1971, the Government hereby authorises,—

- (a) The Controller General, Indian Bureau of Mines
- (b) The Controller of Mines, Indian Bureau of Mines
- (c) The Chief Mineral Economist, Indian Bureau of Mines
- (d) The Chief of Mineral Statistics, Indian Bureau of Mines
- (e) The Regional Controller of Mines, Indian Bureau of Mines
- (f) The Superintending Mineral Economist, Indian Bureau of Mines
- (g) The Mineral Economist, Indian Bureau of Mines
- (h) The Mineral Economist (Statistics), Indian Bureau of Mines
- (i) The Deputy Controller of Mines, Indian Bureau of Mines
- (j) The Deputy Mineral Economist (Intelligence), Indian Bureau of Mines
- (k) The Deputy Mineral Economist (Statistics), Indian Bureau of Mines
- (l) The Assistant Mineral Economist (Intelligence), Indian Bureau of Mines
- (m) The Assistant Mineral Economist (Statistics), Indian Bureau of Mines
- (n) The Assistant Controller of Mines, Indian Bureau of Mines.

रमाल धोर खान मंत्रालय
(खान विभाग)

नई दिल्ली, 16 जनवरी, 1986

सा. का. न. 83—खान धोर खनिज (विनियमन और विकास) अधिनियम, 1957 (1957 का 67) की धारा 22 के अन्वयेण में धोर भारत सरकार के भूतपूर्व पेट्रोलियम धोर रसायन तथा खान धोर धातु मंत्रालय (खान धोर धातु विभाग) की अधिमूचना सं. सा. का. नि. 466 तारीख 20 मार्च, 1971 को अधिसूचित करने हुए केन्द्रीय सरकार :—

- (क) महानिर्देशक, भारतीय खान स्यूरो
- (ख) खान निबंधक, भारतीय खान स्यूरो
- (ग) मुख्य खनिज पर्यशास्त्री, भारतीय खान स्यूरो
- (घ) खनिज सांख्यिकी का मुख्य, भारतीय खान स्यूरो
- (ङ) प्रादेशिक खान निबंधक, भारतीय खान स्यूरो
- (च) पर्यक्षाय खनिज पर्यशास्त्री, भारतीय खान स्यूरो
- (छ) खनिज पर्यशास्त्री, भारतीय खान स्यूरो
- (ज) खनिज पर्यशास्त्री (सांख्यिकी), भारतीय खान स्यूरो
- (झ) उप खान निबंधक, भारतीय खान स्यूरो
- (झ) उप खनिज पर्यशास्त्री (धामूचना), भारतीय खान स्यूरो
- (ट) उप खनिज पर्यशास्त्री (सांख्यिकी), भारतीय खान स्यूरो
- (ठ) महायक खनिज पर्यशास्त्री (धामूचना), भारतीय खान स्यूरो
- (ड) महायक खनिज पर्यशास्त्री (सांख्यिकी), भारतीय खान स्यूरो
- (ड) महायक खान निबंधक, भारतीय खान स्यूरो

को उक्त अधिनियम अथवा उसके अधीन बनाए गए नियमों के अधीन दण्डनीय किसी अपराध के विषय में विनिश्चित रूप से शिकायत करने के लिए प्राधिकृत करती है।

[सा. सं. 8 (2)/82-मम-VI]

बी. दास गुप्ता, निर्देशक

to prefer complaints in writing in respect of any offence punishable under the said Act or any rules made thereunder.

[File No. 8(2)/86]

B. DASGUPTA

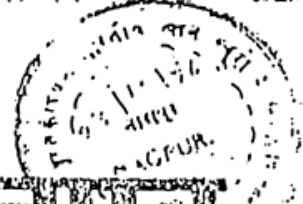
सा. का. नि. 84—राष्ट्रपति द्वारा अधिवान के अनुच्छेद 309 के अन्वयेण द्वारा प्रदत्त अधिसूचियों का प्रयोग करते हुए, भारतीय खान धोर अधिनियम, 1957 (1957 का 67) की धारा 22 के अन्वयेण में धोर भारत सरकार के भूतपूर्व पेट्रोलियम धोर रसायन तथा खान धोर धातु मंत्रालय (खान धोर धातु विभाग) की अधिमूचना सं. सा. का. नि. 466 तारीख 20 मार्च, 1971 को अधिसूचित करने हुए केन्द्रीय सरकार :—

- 1. (1) इन नियमों को भारतीय खान स्यूरो (बन क तथा घ पर) (पहली संशोधन) नियमवली, 1986 कहा जायेगा।
- (2) ये सामग्रीय गजट में प्रकाशित होने की तारीख से लागू होंगे।

dn. 31st Aug. 1996/31001/96

ANNEXURE-4 (b)

REGN. NO. D. 1-31001/96



भारत का दस्तावेज The Gazette of India

प्रसिद्धकृत द्वारा
PUBLISHED BY AUTHORITY

सं० 35]
No. 35]

नई दिल्ली, सनियार, अगस्त 31, 1996/भाद्र 9, 1918
NEW DELHI, SATURDAY, AUGUST 31, 1996/BHADRA 9, 1918

इस भाग के भिन्न पृष्ठ संख्या दी जाती है किन्तु कि वह अलग संकलन के रूप में
रखा जा सके

Separate Paging is given to this Part in order that it may be filed as a
separate compilation

भाग II—खण्ड 3—उप-खण्ड (ii)
PART II—Section 3—Sub-section (ii)

भारत सरकार के मंत्रालयों (रक्षा मंत्रालय को छोड़कर) द्वारा जारी किये गए प्रशासनिक आदेशों और अधिसूचनाओं
Statutory Orders and Notifications Issued by the Ministry of the Government of India
(Other than the Ministry of Defence)

PTO

भारत विज्ञान, 30 जुलाई, 1996

अ. पा. 2523.—खान और खनिज (नियंत्रण और विकास) अधिनियम, 1957 कथित अधिनियम सं. 67 (1957 का 67) की धारा 22 के अनुसरण में केन्द्र सरकार अपने राज्य सरकार सहयोग नियंत्रण खान, खान नियंत्रण और संरक्षण, खनिज प्रयोग और खनिज सांख्यिकीय प्रयोग के खनिज संपादन अभिगम्यता (सांख्यिकी) भारतीय खान खूनी की कथित अधिनियम या उसके अंतर्गत बनाये गये विद्वानों के तहत किसी भी, राष्ट्रीय प्रयोग संसद में लिखित विवरण पर परामर्श करने के लिए प्राधिकृत कला है।

2. कथित अधिनियम को धारा 22 के अंतर्गत खनिज संपादन अभिगम्यता (सांख्यिकी) और राज्य सरकार या प्रयोग के खनिज संपादन प्राधिकार भारतीय खान खूनी के अधिनियम के धारा में करने किये गए गये प्राधिकार के अधिनियम है।

[अ. पा. 1/2/96-एम. 6]

रूप नारायण, प्रवर मंत्रि

ORDER

New Delhi, the 30th July, 1996

S.O. 2523.—In pursuance of section 22 of the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957) hereinafter referred to as the said Act) the Central Government hereby authorises the Senior Assistant Controller of Mines, Mines Control and Conservation of Mineral Division and Superintending Mineral Economist (Statistics) of Mineral Statistics Division of Indian Bureau of Mines to prefer complaints in writing in respect of any offence punishable under the said Act or any rules made thereunder.

2. The aforesaid authorisation made in favour of Superintending Mineral Economist (Statistics) and Senior Assistant Controller of Mines under section 22 of the said Act is in addition to such authorisation already made in favour of the officers of Indian Bureau of Mines.

[F. No. 1/2/96-MVI.]

ROOP NARAYAN, Under Secy

Copy of Section 10 of Environment (Protection) Act 1986.**Powers of entry and inspection.**

10(1) Subject to the provisions of this section, any person empowered by the Central Government in this behalf shall have a right to enter, at all reasonable times with such assistance as he may consider necessary, any place –

- (a) For the purpose of performing any of the functions of the Central Government entrusted to him;
- (b) for the purpose of determining whether and if so in what manner, any such functions are to be performed or whether any provisions of this Act or the rules made thereunder or any notice, order, direction or authorisation served, made, given or granted under this act is being or has been complied with;
- (c) for the purpose of examining and testing any equipment, industrial plant, record, register, document or any other material object or for conducting a search of any building in which he has reason to believe that an offence under this Act or the rules made thereunder has been or is being or is about to be committed and for seizing any such equipment, industrial plant, record, register, document or other material object if he has reasons to believe that it may furnish evidence of the commission of an offence punishable under this Act or the rules made thereunder or that such seizure is necessary to prevent or mitigate environmental pollution.

(2) Every person carrying on an industry, operation or process or handling any *hazardous* substance shall be bound to render all assistance to the person empowered by the Central Government under sub-section(1) for carrying out the functions under that sub-section and if he fails to do so without any reasonable cause or excuse, he shall be guilty of an offence under this Act.

(3) If any person willfully delays or obstructs any person empowered by the Central Government under sub-section(1) the performance of his functions, he shall be guilty of an offence under this Act.

(4) The provisions of the Code of Criminal procedure, 1897; or in relation to the State of Jammu and Kashmir, or any area in which that code is not in force, the provisions of any corresponding law in force that State or area shall, so far as may be, apply to any search or seizure under this section as they apply to any search or seizure made under section 94 of the said Code or, as the case may be, under the corresponding provision of the said law

ANNEXURE-5 (b)

Relevant extract of Gazette Notification of the Ministry of Environment and Forest, Department of Environment Forest & Wildlife S.O.No.83(E) dated 16th Feb 1987.

S.O.No.83(E) In exercise of the powers conferred under sub-section (1) of Section 10, the Central Government hereby empowers the person listed in the Table here below for the purpose of that sub-section.

TABLE

Sl. No.	Officer/Agency	Appointed under
13	Controller General of Indian Bureau of Mines.	The Mines & Minerals (Regulation & Development Act 1957.)
14	Chief Controller of Mines.	-do-
15	Controller of Mines.	-do-
16	Regional Controller of Mines	-do-
17	Deputy Controller of Mines	-do-

Copy of Section 11(1) of Environment (Protection) Act, 1986

Power to take sample and procedure to be followed in connection therewith;

11(1) The Central Government or any officer empowered by it in this behalf, shall have power to take, for the purpose of analysis, samples of air, water, soil, or other substance from any factory, premises or other place in such manner as may be prescribed.

ANNEXURE – 5 (d)

Relevant extract of Gazette Notification of the Ministry of Environment and Forest, Department of Environment, Forest & Wildlife S.O.No.84(E) dated 16th Feb 1987.

S.O.No.84(E) In exercise of the powers conferred under sub-section (1) of Section 11, the Central Government hereby empowers the person listed in the Table here below for the purpose of that sub-section.

TABLE

Sl. No.	Officer/Agency	Appointed under
13	Controller General of Indian Bureau of Mines.	The Mines & Minerals (Regulation & Development Act 1957.)
14	Chief Controller of Mines.	-do-
15	Controller of Mines.	-do-
16	Regional Controller of Mines	-do-
17	Deputy Controller of Mines	-do-

AUTHORISATION UNDER RULE 5(2) OF MM(R&D) ACT, 1957

THE GAZETTE OF INDIA

EXTRAORDINARY

PART II – Section 3 – Sub-Section (ii)

No.208 NEW DELHI, TUESDAY, APRIL 28, 1987 / VISAKHA 8, 1909

Separate paging is given to this Part in order that it may be filed as a separate compilation

MINISTRY OF STEEL AND MINES
(Department of Mines)
New Delhi, the 28th April, 1987

ORDER

S.O. 445 (E) In exercise of the powers conferred by clause (a) of sub-section (1) of section 26 of the Mines and Mineral (Regulation and Development) Act, 1957 (67 of 1957), the Central Government hereby directs that the powers under Clause (b) of sub-section (2) of section 5 of the said Act, exercised by it, shall also be exercised by the Controller General, Chief Controller of Mines, Controller of Mines and the Regional Controller of Mines of Indian Bureau of Mines.

(F.No.5(1)/87-M.VI)

T.N. SRIVASTAVA, Jt.Secy

PART III, SEC. 1]

THE GAZETTE OF INDIA, JUNE 3, 1989, (JYAISTHA 13, 1911)

ANNEXURE - 7

505

relating to the rules/rules under the Mineral Conservation and Development Rules, 1988 mentioned against each:—

Sl. No.	Authorised Officer	Rule No.
1.	Chief Controller of Mines	4(1), (h), 4(2) (b), 6, 21(3), 26(1), 26(4), 42(6) (a), (b) & (c), 42(7), 47 and 63.
2.	Controller of Mines	4(2) (b), 9(2), 10(2), 12(4), 20(1), 20(2), 20(3), 21(3), 23(1), 23(4), 26(1), 26(4), 28(6) (b), 41(2) (a) & (b), 42(6), (a), (b) & (c), 47 and 63.
3.	Chief Mining Geologist	4(1) (h), 6 and 63.
4.	Regional Controller of Mines	6, 9(2), 10(2), 20(1), 20(2), 20(3), 21(3), 23(1), 23(4), 28(6) (b), 41(2) (a) & (b) and 63.
5.	Deputy Controller of Mines	21(3) and 63.
6.	Assistant Controller of Mines.	21(3) and 63.
7.	Assistant Mining Engineer	21(3) and 63.

These orders shall come into force with immediate effect.

ORDER

1. ORDERED that these authorisations to the Officers of the Mines Control and Conservation of Minerals Division of Indian Bureau of Mines be published in the Gazette of India Part III—Section 1 for general information of all the mine owners.

2. ORDERED also that a copy of these authorisations be communicated to all mine owners under jurisdiction of this Department.

MINISTRY OF STEEL AND MINES
(DEPARTMENT OF MINES)
INDIAN BUREAU OF MINES
Nagpur, the 27th April 1989

No. T-43010/CGBM/88.—By virtue of powers vested in me to authorise officers of Indian Bureau of Mines to perform functions under Mineral Conservation and Development Rules, 1988, I hereby authorise the following officers of Mines Control and Conservation of Minerals Division of Indian Bureau of Mines to take action in respect of matters

No. T-43010/CGBM/33. In exercise of the powers conferred by Rule 62 of the Mineral Conservation and Development Rules 1988 it is hereby notified that the territorial jurisdiction of the Controller of Mines and the Regional Controller of Mines shall be as given hereunder for the purpose of the aforesaid rules.

Territorial jurisdiction of Controller of Mines and Regional Controller of Mines

Zonal Office 1	Regional Office 2	State 3	District 4		
(A) Controller of Mines, Central Zone, Indian Bureau of Mines, Indra Bhavan, Civil Lines, Nagpur-440 001.	1. Calcutta Region : Regional Controller of Mines, Indian Bureau of Mines, 5th floor Nizam Palace, 214/4, Acharya J.C. Bose Road, Calcutta-700020.	Andaman & Nicobar Islands	All districts		
		Arunachal Pradesh	Do.		
		Assam	Do.		
		Bihar	Singhbhum		
		Manipur	All districts		
		Meghalaya	Do.		
		Mizoram	Do.		
		Nagaland	Do.		
		Orissa	Do.		
		Tripura	Do.		
		West Bengal	Do.		
		2. Jabalpur Region : Regional Controller of Mines, Indian Bureau of Mines, Scheme No. 11, IBM Colony, Kamala Nehru Nagar, Jabalpur-482002	Madhya Pradesh	Bhind	
				Chhattarpur	
				Damoh	
Datia					
		Guna			

03. Please ensure the presence of mining engineer & geologist appointed under rule 42 of MCDR 1988 at the time of inspection.

Yours faithfully

(Name of inspecting officer)

Designation

Indian Bureau of Mines

Copy to DMG for information and necessary action.

The following data are required to be filled for TMIS in Case of MCDR inspection (MCDR database)

1. Mine Code No. : Mine File No.
 2. Date of first opening
 3. Name of the lessee
 4. Inspection Details

Name of the inspecting officer	I. D. No.	Name & designation of mine official (accompanying)	Date of inspection	Earlier two dates of inspection	Weekly day of rest	Remarks

5. Mine Details

Name of mine	Type of mine			Category of mine	Status	Address							Lease period	Date of expiry
	O/C	U/G	Both			State	Dist.	Pin	Fax	E-mail	Phone	Police station		

*= Category – A-Mech, A1-Manual, B-Manual, B1-Very small, O/C-Opencast, U/G-Underground

6. A) Land details (within lease area) – At the start of mining

Type of Land		Area in Hect	Area acquired (In Hect)
Forest	1. Reserve forest		
	2. Protected forest		
	3. Unclassified		
	4. Sanctuary/National park		
	Sub-total		
Non-Forest	i) Private land		
	a) Agricultural :		
	Irrigated		
	Non-irrigated		
	ii) Government land		
	a) Grazing		
b) Waste			
Other(classify)			
Sub-total			
B) Details of degraded land			
Degraded land	A) By pits/trenches		
	B) Dumps		
	C) Roads		
	D) Plant,Buildings, Township		
	E) Tailing ponds		
	F) Others (specify)		

:: 2 ::

7. Mineral

Main Mineral(s)	Associated Mineral(s)	Captive use	End product	Non-captive use				Remarks
				Domestic		Export		
				Yes	No	Yes	No	

8. Mining plan/Mining scheme

Date of approval of mining plan	Additional conditions	Date of approval of mining scheme					Remarks
		Ist	II nd	IIIrd	Ivth	Vth	

9. Nominated Owner/Agent data

Name of owner	Date of Nomination	Address						Name of Agent	Date of Appointment	Address								
		State	Dist.	Pin	Fax	E-mail	Phone			State	Dist.	Pin	Fax	E-mail	Phone			

10. Mining Engineer/Geologist Data (Appointed under rule 42 of MCDR, 1988) and Mines Manager (appointed under MMR, 1961)

Status	Name	Designation	Educational Qualification	Date of appointment	Relaxation		Remarks
					Whether relaxed	Valid upto	
					Yes	No	
Mining Engineer							
Geologist							
Manager							

11. Details of relaxation : Relaxation under Rule 42 of MCDR, 1988

Mine code	File No.	Date of receipt of application	Name of person for whom relaxation sought	Qualification	Name of the mine(s) for which relaxation sought	Date of return of application for any short-coming	Date of resubmission	Approved/refused	Date of approval/refusal	Reason of refusal	Date of resignation	Date of termination

:: 3 ::

12. Exploration : This table will show the actual achievement and will be compared with 'Mining Plan' which is maintained in separate data-base i.e. Mining plan data-base.

A. Exploratin carried out as on 1.4. ____.

i) Pits

(ii) Trenches

No.	Depth(m)		No.	Length (m)	
	Max	Min		Max	Min.

iii) Bore holes

No.	Grid Interval(m)	Depth(m)		Total meterage
		Max.	Min.	

B. Additional exploration during the year.

i) Pits

(ii) Trenches

No.	Depth(m)		No.	Length (m)	
	Max	Min		Max	Min.

iii) Bore holes

No.	Grid Interval(m)	Depth(m)		Total meterage
		Max.	Min.	

iv) Exploratory Mining

	No.	Depth		Length		Total
		Max.	Min.	Max.	Min.	
i) Shaft						
ii) Adit						
iii) Drive						
iv) Cross cuts						
v) Winze						

13. Reserves (Geological)

Name of mineral	Proved		Probable		Possible		Total	
	Qty.	Grade	Qty.	Grade	Qty.	Grade	Qty.	Grade

:: 4 ::

14. Reserves in forest.

Name of mineral	Proved		Probable		Possible		Total	
	Qty.	Grade	Qty.	Grade	Qty.	Grade	Qty.	Grade

15. Opencast mining :

Pit No.	Pit size	No. of benches in O.B.	Height of benches (m)	Width (m)	No of benches in ore	Height (m)	Width (m)	Pit depth (m)	Top RL (m)	Bottom RL (m)	Overall slope

16. Underground mining –

(i) Details of shaft :

Shaft No.	Shaft top RL	Shaft bottom RL	Depth

(ii) Details of Incline :

Incline No.	Incline top RL	Incline bottom RL	Length

(iii) Details of Adit :

Adit No.	Adit's RL	Adit's length

(iv) Details of level :

Level No.	Level RL	Level length

17. Annual production data of the previous year : Production

Closing stock

18. O.B. Removal :

O.B. removed in previous year (cu.m.)	Cumulative O.B. removed till end of previous year (cu.m.)	Ore : O.B. ratio	Whether dumping on mineralised ground		Remark, if dumped on mineralised ground
			Yes	No	

19. Discontinuation/abandonment/closure of mine/pit.

Pit/mine No.	Date of discontinuation	Date of abandonment	Reasons for discontinuation/abandonment	Whether returns submitted		Date of notice		Notice of reopening		Date of reopening
				Yes	No	Yes	No	Yes	No	

:: 5 ::

20. Sub-grade mineral and mineral reject :

[A.Cumulative at the end of previous year, P- During previous year,
I – As on date of inspection(cumulative)]

Name of mineral		Quantity generated during previous year	Quantity consumed during previous year	Stock as on 1.4. ____	Remarks
	Subgrade mineral			A P I	
	Mineral rejects			A P I	

21. Dump details :

Dump Number	Dump type TS/OB/ MR/SGM	Co-ordinates		Area	Height	Angle	Capacity
		X	Y				

22. Top soil :

Qty. generated in previous year	Cumulative generation till the end of previous year	Soil stored in previous year	Cumulative stored till the end of previous year	% stored (cumulative)	Qty. utilised in previous year	Cumulative quantity utilised	% of utilisation	Purpose of utilisation

23. Sale of mineral.

Name of mineral		Quantity	Grade	Name of consuming industry, domestic	Name of country of export
	A. Main ore				
	i) lumps				
	ii) Fines				
	iii) Concentrate				
	B. Associated ore				
	i) lumps				
	ii) Fines				
	iii) Concentrate				
	C. Low grade ore				
	i) lumps				
	ii) Fines				
	iii) Concentrate				

:: 6 ::

24. Plantation.

Plantation	Inside mining lease		Outside mining lease		Rate of survival		Remarks
	No. of trees	Area in Hect.	No. of trees	Area in Hect.	In-side	Outside	
1. Already carried out up to the end of previous year							
2. During the previous year							
3. As on date of inspection (cumulative)							

25. Reclamation and rehabilitation.

A. Quarry/open pit

	Area broken (Hect)	Area matured for reclamation	Area reclaimed	Area rehabilitated			Total area rehabilitated	Remarks
				BF	WR	OM		
(1) Already carried out up to the end of previous year								
(2) During the previous year								
(3) As on date of inspection (cumulative)								

BF = Back filled, WR = Water reservoir, OM = Other means,
Remarks = Under remarks give post mining land use of the area reclaimed.

B. Waste dumps.

Year	Qty. of O.B.		Total area occupied by dumps		Area stabilised		Dump design			Method of stabilisation	No. of trees planted on dumps
	Excavated	Dumped	Dead	Alive	Dead	Alive	Height	Angle	No. of terraces		

C. Tailing ponds

A= At the end of previous year (cumulative), P= In the previous year, I=As on date of inspection

	Area occupied	Area stabilised/rehabilitated	Means of rehabilitation
A			
P			
I			

:: 7 ::

26. Air, water, noise, vibration, etc. :

A. Air

Monitoring	Station No.	Parameters							Remarks (improvement)
		SPM	SO ₂	NOX	CO	Free silica	RD	Rate of dust fall	
i) Latest monitoring for quarter ending									
ii) Earlier monitored corresponding season									
iii) Permissible limit									

B. Water :

Monitoring	Station No.	Give only parameters which exceed the limit	Remarks (improvement)
i) Latest monitoring for quarter ending			
ii) Earlier monitored corresponding season			
iii) Permissible limit			

C. Noise

Monitoring	Station No.	Where level is more		Remarks (improvement)
		Day time	Night time	
i) Latest monitoring for quarter ending				
ii) Earlier monitored corresponding season				
iii) Permissible limit				

D. Vibration

Monitoring	Station No.	Peak particle velocity	Air over pressure	Remarks (improvement)
i) Latest monitoring for quarter ending				
ii) Earlier monitored corresponding season				
iii) Permissible limit				

Annexure-10RP Control Chart

STATUS OF RP OF											REGIONAL OFFICE FOR QUARTER / YEAR										
S.N.	File. No/RP-id	RP holder	Mineral	Area (Sq.Km)	Village /Tehsil/ District	Period	Status of compliance of violation				Date and name of inspecting officer	Expenditure proposed in RP scheme	Expenditure incurred so far	Interim/final Report submission	no. of inspections	Resources Estimated 334 or 333 if any	Remarks further renewal/grant				
							Viol. issued	Sh. Cau. Issued	Case filed	Compliance											

Annexure -11PL Control Chart

STATUS OF PROSPECTING LICENSES OF ----- REGIONAL OFFICE FOR year -----																	
Sl.No.	File. No./PL_id	PL holder	Mineral	Area	Village /Tehsil/ District	Period	Status of compliance of violation				Date and name of inspecting officer	Expenditure proposed in PL scheme	Expenditure incurred so far	Interim/final Report submission	Resources Estimated 331,332,333	no. of inspections	Remarks further renewal/grant
							Viol. issued	Sh. Cau. Issued	Case filed	Compliance							



GOVERNMENT OF INDIA
 MINISTRY OF MINES
 INDIAN BUREAU OF MINES
 INSPECTION REPORT

OF

PROSPECTING LICENCE GRANTED TO
 M/SFOR
 OVER AN AREA OF(HECTARES),
 LOCATED IN VILLAGE,
 TEHSIL _____, DISTRICT,
 STATE.....

BY

NAME:.....

DESIGNATION:.....

REGION:_____

INSPECTION REPORT

PART -I

1.0	INTRODUCTION	
1.1	Name of the Inspecting Officer & Designation	
	Region/Zone/GM& MM Cell	
	Date of Inspection and accompanying official of PL holder	
	Date of previous Inspection if any and Name of Inspecting officer	
2.0	Details of PL area	
	Village	
	Tehsil	
	District	
	State	
	Area (in Hectare)	
	Name of Mineral for which PL granted	
	Date of grant with period; first grant/Renewal/re-grant	
	Date of execution of the PL	
	Survey of India Toposheet Number	
	Coordinates Lat. And Long.	
3.0	Name and Address of PL Holder	
	Name	
	House No:	
	Village	
	Tehsil	
	District	
	State	
	Tel (Off)	
	Tel (Res)	
	Mobile:	
	Email Id:	
3.1	Land Use Details: (Forest, npn forest, grazing, agricultural, barren etc. with details of area in hectare.)	

PART-II

4.0	STATUS OF COMPLIANCE OF RULES OF MCDR-1988	Date of submission	Action taken by IBM in case of non submission
4.1	Scheme of prospecting under rule 4 of MCDR		
4.2	Submission Modification in Scheme of prospecting under Rule 5 if any		
4.3	intimation about commencement of prospecting operations in Form-A under Rule 7		
4.4	Appointment of Geologist under rule 42 (Please give		

	name and other details)		
4.5	Form- I under rule 46 regarding certain appointment		
4.6	Notice of shaft sinking and bore holes in form-‘J’ under rule 47		
4.7	Records of shafts and bore holes under rule 48		
4.8	Preservation of cores under rule 59		
4.9	Submission of yearly report/ final report in Form –B under rule 8		
4.10	Availability of boundary pillars in the PL area (Yes or No)		
4.11	Does the PL area includes forest land (Yes or No)		
4.12	If yes then whether FC granted for exploration activities from MOEF with details of permission sought		
4.13	Permission sought		
4.14	Whether chemical analysis carried out in Govt. lab or NABL accredited lab		

PART-III

5.0	GEOLOGY	
5.1	Previous work	
5.2	Physiography	
5.3	Regional Geology: Brief description to have an idea of the broad geological, structural framework and pattern of mineralization. (Brief stratigraphy of the region to be given)	
5.4	Local Geology: Details of dip, strike, structural features lithology/rock types, controls of mineralization observed in the PL area, outcrops of mineralisation, surface elucidations seen with approximate strike length and width.	
5.5	Description of Exploratory workings (Brief description of dimension of exploratory pits/ old workings/ Observations made in the old pits, nala cuttings, escarpments etc.)	
5.6	Whether the proposals in the scheme	

	are adequate to delineate the ore body in a way that mineral resources can be estimated partly under G1 and G2 categories of UNFC so as to enable the PL holder for preparing a systematic and scientific mining plan	
5.7	If not then further measures suggested to be taken up for establishing the reserves/ resources towards determination of grade of mineral/ore, mineralogical/ amenability to beneficiation studies	

PART-IV

6.0	REVIEW OF PROSPECTING SCHEME				
6.1	Name of Exploration Agency (whether empaneled with IBM):				
6.2	Work carried out v/s proposed in scheme of prospecting				
	Activities		Proposed	achieved	Remarks
i.	Geological Mapping (scale)	Scale & area covered			
ii.	Pitting	Nos			
iii.	Trenching	Nos			
iv.(a)	Drilling	Nos of holes			
iv.(b)	Type of drilling	Core/RC/DTH/ any other			
iv.(c)	Drilling	metre			
v	Samples for chemical with check sample criteria(10%) /mineralogical analysis	Nos			
vi.	Any other (please specify)				
vii	Expenditure incurred in exploration activities				
6.3	Critical analysis of prospecting pattern and data and maintenance of data/information, with a view to comment on adequacy of work done , vis-à-vis the scheme of prospecting under rule 4 & 5 of MCDR-1988.				
6.4	Review of the status of the area not covered by prospecting.				
6.5	Environment				
6.6	Extent of the area under Non-forest land and forest land				
6.7	Environmental Details				
6.8	Environmental Protection measures adopted and their efficiency				

6.9	Socioeconomic Concern	
6.10	Expenditure incurred in community development through employment /education/village development/housing in the vicinity area.	

PART-V

7.0	OBSERVATIONS OF INSPECTING OFFICER	
7.1	Conclusion	
7.2	Recommendations	
7.3	Suggestions for further exploration work if any based on field inspection and follow up	

Date:

Signature:

Place:

Name& Designation:

Annexure-13Violation letter
Registered/Speed Post

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No.

Minecode

Dated:

To,

Name of Owner/Nominated owner/Agent of Mine

Name of Lessee (Company, firm, association of individual)

Address for communication

Sub : Violation of provisions of Mineral Conservation and Development Rules, 1988, in respect of your (Name of Mine) over an extent of (Area in ha) in (Name of district) district.

Sir,

The following provisions of the MCDR, 1988 were found violated in your above mine during the inspection on (date of inspection) by undersigned in presence of the mine officials Shri (Name), Designation.

Rule No	Nature of Violations observed

02. In this connection, it is brought to your notice that the above violations constitute an offence punishable under Rule 58 of Mineral Conservations and Development Rules, 1988.
03. The mining operations can be suspended under rule 13(2), if compliance of rule 13(1) is not found satisfactory.
04. You are advised to rectify the above violations immediately and intimate the position to this office within 45 (Forty Five) days from the date of issue of this letter.

Yours faithfully

(Name of inspecting officer)

Designation

Indian Bureau of Mines

Copy forwarded to :

1. The Controller of Mines (NZ/CZ/SZ), Indian Bureau of Mines, Ajmer/Nagpur/Bangalore.
2. The Director, Department of Mines & Geology, Government of (Name of state) and address.

(Name of inspecting officer)

Designation

Indian Bureau of Mines

Annexure-14
Show-cause letter
Registered/Speed Post

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

No. *Minecode* *Dated:*

To,

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Sub : Violation of provisions of Mineral Conservation and Development Rules, 1988, in respect of your (Name of Mine) over an extent of (Area in ha) in (Name of district) district.

Sir,

Undersigned inspected your above mine on (date of inspection) in presence of the mine officials Shri (Name), Designation and violation letter of even number dated (date of violation letter) was issued for below mentioned rules of Mineral Conservation & Development Rules, 1988.

Rule No	Nature of Violations observed

02. In this connection, it is brought to your notice that the above violations constitute an offence punishable under Rule 58 of Mineral Conservations and Development Rules, 1988.
03. The mining operations can be suspended under rule 13(2), if compliance of rule 13(1) is not found satisfactory.
04. You are, therefore, directed to show cause within a period of 30 days from the date of issue of this letter, as to why you should not be prosecuted for the above offences.
05. Please note that no further notice will be give to you in this regard.

Yours faithfully

(Name of inspecting officer)
Designation
Indian Bureau of Mines

1. Copy to Controller of Mines (), IBM,
2. Copy to the DMG for information and necessary action.

Annexure-15**Violation cum show-cause letter****Registered/Speed Post**

**GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
OFFICE OF THE REGIONAL CONTROLLER OF MINES**

File No.

Dated-

To,

Name of Owner/Nominated owner/Agent of Mine
Name of Lessee (Company, firm, association of individual)
Address for communication

Subject : Violation of provisions of Mineral Conservation and Development (Amendment) Rules, 1988 in respect of your in district of State.

Sir,

On examination of this office records, it is observed that the following provisions of Mineral Conservation and Development (Amendment) Rules, 1988 (MCDR, 1988), amended vide notification of GSR 75(E) dated 09.02.2011 is violated in respect of your above referred mine.

Rule No.	Nature of violations observed
45(5)	The owner, agent, mining engineer or manager of every mine, shall submit to the Regional Controller of Mines in the Indian Bureau of Mines or any other authorized official of the Indian Bureau of Mines, returns in respect of each mine, in the following manner, namely:- a) a monthly return which shall be submitted before the 10th of every month in respect of preceding month in the prescribed Form –F and H- as per mineral granted.
	<i>However, it is observed that, you have not submitted monthly returns for the month fromonwards in Form F- formines indicating registration number allotted by Indian Bureau of Mines besides many other important information such as registration number of consignee allotted by Indian Bureau of Mines etc. as desired under the revised form F-8. Thus, you have furnished incomplete and /or wrong / false information in the monthly return/failed to submit the monthly returns. Further, you have not submitted the annual returns within the date specified. These violations may lead to suspension of all mining operations in the mine as well as termination of mining lease and prosecution of the owner, agent and manager.</i>

02. In this connection, it is brought to your notice that, the violation of said rule constitutes an offence punishable under Rule 58 of MCDR, 1988.

03. You are, therefore, directed to show-cause within a period of 30 days from the date of issue of this letter, as to why mining operations in your above mine should not be suspended in accordance to rule 45(7) of MCDR, 1988.
04. Please note that no further notice will be given to you in this regard.

Yours faithfully

(Name of Officer)
(Designation)
Indian Bureau of Mines

Copy for information and necessary action to:

1. The Commissioner, Directorate of Geology & Mining, Govt. of (Name of state), Address with PINCODE with a request to direct the lessee for registration under rule 45 of MCDR, 1988.

(Name of Officer)
(Designation)
Indian Bureau of Mines

NOO :

Copy to:

1. The Controller of Mines (Zone Name), Indian Bureau of Mines, (Location of office) for kind information.
2. The MMS Division, IBM, Nagpur
3. Return File

(Name of Officer)
(Designation)
Indian Bureau of Mines

Annexure-16Suspension orderRegistered/Speed Post

GOVERNMENT OF INDIA
 MINISTRY OF MINES
 INDIAN BUREAU OF MINES
 OFFICE OF REGIONAL CONTROLLER OF MINES

File No.

Minecode

Dated:

To,

Name of Owner/Nominated owner/Agent of Mine
 Name of Lessee (Company, firm, association of individual)
 Address for communication

Sub : Order of suspension of mining operations under Rule 13(2) of Mineral Conservation and Development Rules, 1988, in respect of (Name of mine) in mining lease No. _____ over (Extent of area in ha) in (Name of village) village of (Name of Taluka) taluka and (Name of district) district of (Name of state) State.

Sir,

Please refer to the inspection of your above mentioned mine carried out by (Name of inspecting officer), (Designation) of this office on (Date of inspection) (accompanied by (Name of mine officials)).

It was found during the inspection that the mining operations in the lease area were carried out against the proposals of approved mining plan and thereby, violating the provision of Rule 13(1) of the MCDR, 1988. The mining plan/scheme of mining was approved vide letter no. _____ dated _____ and following deviations were observed during inspection.

S.N.	Nature of deviations observed from the approved mining plan/scheme of mining

02. Violation of Rule 13(1) of the MCDR, 1988 was communicated to you vide this office violation cum show cause notice of even number dated (date of show-cause letter).
03. However, it has been found that you have not rectified the violation even after 30 days from the issue of violation cum show cause letter dated (date of show-cause letter). The reply against the violation cum show cause notice was received on dated _____. It was considered and not found suitable for compliance of rule 13(1).

04. I am of the opinion that the non-compliance of the Rule 13(1) of MCDR, 1988 defeats the very purpose of systematic development of mines, conservation of minerals and protection of environment. Therefore, by virtue of the powers conferred upon me under Rule 13(2) of MCDR, 1988, **I hereby order suspension of all mining operations in (Name of mine) in (ML/TC No.) over (extent of area in ha) in (Name of Taluka) taluka and (Name of district) district of (Name of state) State with immediate effect.**

05. This order shall remain in force until revoked in writing. After compliance of the provisions of Rule 13(1) of MCDR, 1988, you may apply to this office for revocation of this order.

An immediate acknowledgement of this order is requested.

Yours faithfully

(Name)
Regional Controller of Mines
Indian Bureau of Mines

Copy forwarded for information and necessary action to:

- 1) The Director, Department of Mines & Geology, (Address, District, State).
- 2) The District Collector, (Name of district & address), State.
- 3) The Director of Mines Safety, (Name of Region) Region, (Address).

Regional Controller of Mines
Indian Bureau of Mines

NOO:

Copy for kind information to:

1. The Chief Controller of Mines, Indian Bureau of Mines, Nagpur.
2. The Controller of Mines, (_____ office), Indian Bureau of Mines, _____

Regional Controller of Mines
Indian Bureau of Mines

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

File No:

Minecode:

Dated:

The Director
Directorate of Mines and Geology
Government of

Sub.:- Recommendation to the State Government for determination of mining leases under Rule 27(5) of MCR, 1960---Regarding

Sir,

In connection with aforesaid subject, it is to inform that based on the non-compliance of the provisions of Rule 13(1)/45(5) of MCDR, 1988, this office has issued the suspension of mining operations under Rule 13(2)/45(7) of MCDR, 1988 on dated in respect of (Name of Mines) of (Lessee) in (Name of State) with endorsement to your good –office.

Lessee has failed to comply the order of suspension of mining operation under rule 13(2)/45(7) even after giving him reasonable time of 90 days.

In view of above, I hereby recommend the case as listed below for initiation of termination of mining leases under Rule 27(5) of MCR, 1960.

Sl.No.	Mine Name	Owner Name	ML No./ Minecode	Area
1.				

Yours faithfully,

(Name of Regional Controller/OIC)
Regional Controller of Mines

Copy forwarded kind information to:

1. Chief Controller of Mine Indian Bureau of Mine, Nagpur.
2. Controller of Mine (CZ/NZ/SZ) Indian Bureau of Mine, Nagpur/Ajmer/Banglore.

(Name of Regional Controller/OIC)
Regional Controller of Mines

MCDR INSPECTION REPORT**General**

S. N.	Particulars	Details
1	Name of the Mine	
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	
3	Minecode	
4	IBM Registration Number under rule 45 of MCDR, 1988	
5	Name of the lessee, Address, phone, email and fax number	
6	Village	
7	Taluka/Mandal	
8	District	
9	Pincode	
10	State	
11	Post office	
12	Nearest police station	
13	Nearest Railway station	
14	Date of Grant of Mining Lease	
15	Date of Execution	
16	Date of opening of Mine	
17	Date of first Renewal, if applicable and its period & expiry	
18	Date of second Renewal, if applicable and its period & expiry	
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	
27	Mineral(s) granted in lease and proved for mining	
28	Method of Mining(Open cast, Underground)	
29	Category (Fully Mechanised, Others or Manual)	

30	Captive/Non Captive	
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Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year			
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1e	Balance reserves as on 01.04.20...			
1f	General remarks of inspecting officer on geology, exploration etc.			

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area			
2b	Separate benches in topsoil, overburden and mineral (Rule 15)			
2c	Stripping ratio or ore to OB ratio			
2d	Quantity of topsoil generation in m ³			
2e	Quantity of overburden generation in m ³			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production			
3b	Quantity of ROM mineral production proposed			
3c	Recovery of salable/usable mineral from ROM production			
3d	Quantity of mineral reject generation			
3e	Grade of mineral reject generation and threshold value declared			
3f	Quantity of sub-grade mineral generation			
3g	Grade of sub-grade mineral generation			
3h	Manual / Mechanised method adopted for segregating from ROM			
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches			
3k	Provision of mining machineries in mineral benches			
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM			
3m	Total area covered under excavation/pits			
3n	Ore to OB ratio for the pit/mine during the year			
3o	Total area put in use under different heads at the end of year			
3p	Production of ROM mineral during last five-year period, as applicable			
3q	General remarks of inspecting officer on method of mining etc.			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)			
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer on waste dump management			

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling			
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc			

Progressive Mine Closure Plan

S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.			
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year			
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area			
7b	Method of grade-wise mineral sorting i.e. manual or mechanical			
7c	Different grade of mineral sorted out at mines			
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)			
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation			

	done (Rule 41)			
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust			
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto A.R. submitted upto		
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

(Name of inspecting officer with designation and date)

Annexure-19

Format for Control Chart for MCDR/MP/SOM inspections & follow up action

Sr. No.	File No	District	Mine Code	Mine name	Owner	Category	Inspecting Officer	Designation	Date of Inspection	Type of Inspection	Date of draft report submission	Date of approval
1	2	3	4	5	6	7	8	9	10	11	12	13

Date of forwarding to higher authority & State Govt.	Violation Letter date	Violation of Rules issued	Violation No. as per TMIS	Compliance Date after Violation letter	Show cause notice date	Compliance Date After Show Cause	Date of Suspension of Mining Operations	Rule under which suspension order issued	Compliance after Suspension	Date of Revocation of suspension order
14	15	16	17	18	19	20	21	22	23	24

Date of Court Case filed and its Details	Date of compounding with compounding amount	Decision of the court with details	Remarks
25	26	27	28

SUMMARY OF YEARWISE PROPOSAL FOR PMCP

Items	Details	Proposed	Actual	Remarks
Dump management	Area afforested (ha)			
	No of saplings planted			
	Cumulative no of plants			
	Cost including watch and care during the year			
Management of worked out benches	Area available for rehabilitation (ha)			
	Afforestation done(ha)			
	No of saplings planted in the year			
	Cumulative no of plants			
	Any other method of rehabilitation (specify)			
	Cost including watch and care during the year			
Reclamation and Rehabilitation by backfilling	Void available for Backfilling (L x B x D) pit wise /stope wise			
	Void filled by waste /tailings			
	Afforestation on the backfilled area			
	Rehabilitation by making water reservoir			
	Any other means (specify)			
Rehabilitation of waste land within lease	Area available (ha)			
	Area rehabilitated			
	Method of rehabilitation			
Others (specify)				
