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MINISTRY OF MINES

NOTIFICATION

New Delhi, 9th February 2011

G.S.R.75(E).-- In exercise of the powers conferred by section 18 of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957), the Central Government hereby makes the following rules further to amend the Mineral Conservation and Development Rules, 1988, namely:-

1. (1) These rules may be called the Mineral Conservation and Development (Amendment) Rules, 2011.

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

2. In the Mineral Conservation and Development Rules, 1988 (hereinafter referred to as the principal rules), for rule 45, the following rule shall be substituted, namely:-

“45. Monthly and annual returns-(1) The owner, agent, mining engineer or manager of every mine, or any person or company engaged in trading or storage or end-use or export of minerals mined in the country, shall cause himself to be registered with the Indian Bureau of Mines as per application specified in Form M and the registration number so allotted by the Indian Bureau of Mines shall be used for all purposes of reporting and correspondence connected therewith.

(2) For the purpose of registration under sub-rule (1), the owner, agent, mining engineer or manager of every mine, or any person or company engaged in trading or storage or end-use or export of minerals, shall apply for registration within one month from the date of commencement of these rules.

(3) The Indian Bureau of Mines shall allot and record the registration number in a register containing the details on a consecutive identity number (*in numeric form*), followed by letters ‘M’ and ‘T’, for a mine or a person or company engaged in trading or storage or end-use or export of minerals, as the case may be, the year of registration and the name of State.

(4) The Indian Bureau of Mines shall maintain a register giving details of the owner, agent, mining engineer or manager of every mine, or any person or company engaged in trading or storage or end-use or export of minerals, as the case may be, as registered under the provisions of these rules, which shall be made available to the general public for inspection on demand, and also posted on the website of the Indian Bureau of Mines.

(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 authorised 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 Form as indicated below:-

- (i) for iron ore in Form F-1;
- (ii) for manganese ore in Form F-2;
- (iii) for bauxite and laterite in Form F-3;
- (iv) for chromite in Form F-4;
- (v) for copper, lead, zinc, pyrites, gold, tin and tungsten in Form F-5;
- (vi) for mica in Form F-6
- (vii) for precious and semi-precious stones in Form F-7;
- (viii) for all other minerals in Form F-8;

(b) an annual return which shall be submitted before the 1st July each year for the preceding financial year in the Form as indicated below:-

- (i) for iron ore in Form H-1;
- (ii) for manganese ore in Form H-2;
- (iii) for bauxite and laterite in Form H-3;
- (iv) for chromite in Form H-4;
- (v) for copper, lead, zinc, pyrite, gold, tin and tungsten in Form H-5;
- (vi) for mica in Form H-6;
- (vii) for precious and semi-precious stones in Form H-7;
- (viii) for all other minerals in Form H-8;

Provided that in the case of abandonment of a mine, the annual return shall be submitted within one hundred and five days from the date of abandonment.

(6) Any person or company engaged in trading or storage or end-use or export of minerals, shall submit to the Indian Bureau of Mines and concerned State Government, where the said person or company is sourcing the minerals, the returns in the following manner, namely:-

- (i) a monthly return which shall be submitted before the 10th of every month in respect of preceding month in Form N;
- (ii) an annual return which shall be submitted before the 1st July each year for the preceding financial year in the Form O.

(7) If it is found that the owner, agent, mining engineer or manager of mine or the person or company engaged in trading or storage or end-use or export of minerals, as the case may be, has submitted incomplete or wrong or false information in monthly or special or annual returns or fails to submit a return within the date specified, -

(i) in the case of mining of minerals by the owner, agent, mining engineer or manager of mine, then the Regional Controller of Mines may,-

- (a) order suspension of all mining operations in the mine and may revoke the order of suspension only after ensuring proper compliance;
- (b) take action to initiate prosecution under these rules;
- (c) recommend termination of the mining lease, in case such suppression or misrepresentation of information indicates abetment or connivance of illegal mining;

(ii) in the case of trading or storage or end-use or export of minerals, the State Government, where the person or company engaged in trading or storage or end-use or export of minerals is sourcing the minerals, shall order suspension of, -

- (a) trading licence (by whatever name it is called);
- (b) all transportation permits issued to such person or company for mineral transportation (by whatever name it is called);
- (c) storage licence for stocking minerals (by whatever name it is called);
- (d) permits for end-use industry or carrying out export of minerals (by whatever name it is called);

as the case may be, of such person or company engaged in trading or storage or end-use or export of minerals, and may revoke the order of suspension only after ensuring proper compliance.

(7) In case of mining of minerals by the owner, agent, mining engineer or manager of mine, the ex-Mine price of mineral shall be,-

(a) where export has occurred, free-on-board (F.O.B) price of the mineral, less deductions specified below:

- (i) loading charges by the miner;
- (ii) transportation charges from the mine site to the rail head or port, including railway freight;
- (iii) unloading and loading charges at the rail-head or domestic end-use capacity or port;
- (iv) charges for sampling and analysis of ore grade;
- (v) rent for the plot at the stocking yard in railway siding or port;
- (vi) handling charges in port;
- (vii) charges for stevedoring and trimming;
- (viii) any other incidental charges levied outside the mine-site as notified by the Indian Bureau of Mines from time-to-time.

(b) where domestic sale of mineral has occurred, sale price of mineral recorded in the invoice less the actual expenditure incurred towards loading, unloading, transportation and other charges beyond mine site:

Provided that in case a sale has occurred-

- (i) between any persons or associations of persons or companies and where the seller has a substantial interest in the association of persons or company buying the mineral or where the buyer has a substantial interest in the association of persons or company selling the mineral;
- (ii) for the purposes of use of mineral in a end-use industry for which the mine is a captive supplier,

then such sale shall not be recognised as a sale for the purpose of this rule and in such case, clause (c) of this sub-rule shall be applicable.

Explanation- For the purpose of this sub-rule, the expression “substantial interest in the association of persons or company buying or selling the mineral, as the case may be”, shall mean,-

- (i) a person who is member of the management board of the association or company or is entitled or eligible to a share in the profits of the association or company buying or selling the minerals, as the case may be, to an extent exceeding ten percent. of the distributed profit;
- (ii) an association of persons or company, when such association of persons or company is entitled or eligible to a share in the profits of the association or company buying or selling the minerals, as the case may be, to an extent exceeding ten percent of the distributed profits.

(c) where the sale has not occurred, the average sale price published monthly by the Indian Bureau of Mines for a particular mineral for a particular State shall be taken as the ex-mine price of the mineral for the purposes of reporting:

Provided that if for a particular mineral, the information for a State for a particular month is not published by the Indian Bureau of Mines, the last available information published for that mineral for that particular State by the Indian Bureau of Mines previous to the reporting month shall be referred, failing which the latest information for All India for the mineral shall be referred.

(8) In case of trading or storage or end-use or export of minerals, for purpose of filing of returns, the sale price per unit of the mineral shall be,-

(a) where sale of mineral has occurred, sale price of mineral recorded in the invoice in case of domestic sale, or the Free-on-Board (F.O.B) or Cost insurance and Freight (C.I.F) price of minerals,

(b) where sale has not occurred, the average sale price published monthly by the Indian Bureau of Mines for a particular mineral for a particular State shall be taken as the sale price of the mineral for the purpose of reporting:

Provided that if for a particular mineral, the information for a State for a particular month is not published by the Indian Bureau of Mines, the last available information published for

that mineral for that particular State by the Indian Bureau of Mines previous to the reporting month shall be referred, failing which the latest information for All India for the mineral shall be referred.

(9) If more than one mineral is produced from the same mine, return shall be submitted in specified forms for each mineral separately.

(10) In case of temporary discontinuance of mining or suspension of mining, or temporary discontinuance or suspension of trading or storage or end-use or export of minerals, the owner, agent, mining engineer or manager of mine, or the person or company engaged in trading or storage or end-use or export of minerals, as the case may be, shall submit return in the specified form for the mineral for which return had been submitted earlier, furnishing relevant particulars, inclusive of "Nil" information.

(11) In case ownership of the mine or the trading or storage or end-use or export company changes during the reference period, separate returns have to be filled by each owner for the respective periods of ownership.

(12) For the purpose of regulation of transportation of minerals, all persons and companies owning trucks or any other motorised vehicle used for transportation of mineral by road or through water way shall be required to be registered with the Directorate of Mining and Geology or the Department handling mining matters in the State Government and the lessee shall maintain trip-sheets (either in the form of written record or on computers) of the vehicles, the nature and weight of mineral and the approximate time of the trip and its destination".

3. In the principal rules, in the Schedule, for Form F-1 to Form F-8 and Form H-1 to H-8, the following Forms shall be substituted, namely:-

For the month of _____ 20

“FORM F-1
MONTHLY RETURN
[See rule 45(3) (a) (i)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I
(General and Labour)

1. Details of the Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
b) Mine Code	
c) Name of the Mineral	IRON ORE
d) Name of Mine	
e) Name(s) of other mineral(s), if any, produced from the same mine	
f) Location of the Mine :	
Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone no:	
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):	
Name of Person	
Street/Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone No:	

3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately	Reasons	No of days

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Type of ore produced:

(Tick mark, whichever is applicable)

(a) Hematite

(b) Magnetite

2. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) Dump workings			

3. Grade-wise Production, Despatches ,Stocks and Ex-mine prices of Processed ore:

Grades(% of Fe content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine Price (Rs./MT)
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i) Lumps:-

(a) Below 55%					
(b) 55% to below 58%					
(c) 58% to below 60%					
(d) 60% to below 62%					
(e) 62% to below 65%					
(f) 65% and above					

ii) Fines:-

(a) Below 55%					
(b) 55% to below 58%					
(c) 58% to below 60%					
(d) 60% to below 62%					
(e) 62% to below 65%					
(f) 65% and above					

iii) Concentrates

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4. Details of Deductions used for computation of Sale price (Ex-Mine)(Rs/Tonne)

Deduction claimed	Unit (in Rs/Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		

Total (a) to (g)		
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5. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

6. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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7. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-2

For the month of _____ 20

MONTHLY RETURN

[See rule 45(3) (a) (ii)]

(Read the instructions carefully before filling the particulars)

To

- The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- The State Government

**PART – I
(General and Labour)**

1. Details of the Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
b) Mine Code	
c) Name of the Mineral	MANGANESE ORE
d) Name of Mine	
e) Name(s) of other mineral(s), if any, produced from the same mine	
f) Location of the Mine :	
Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone no:	

2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):		
Name of Person		
Street/Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone No:		
3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately	Reasons	No of days

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) Underground workings			
(b) Dump workings			

2. Grade-wise Production, Despatches ,Stocks and Ex-mine prices of Processed ore:

Grades(% of Mn content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./Metric Tonne)
(a) Below 25%					
(b) 25% to below 35%					
(c) 35% to below 46%					
(d) 46% and above					
(e) Dioxide ore					
(f) Concentrates					

3. Details of Deductions used for computation of Ex-Mine Price(Rs/Metric Tonne)

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		

f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value(Rs)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer
(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-3

For the month of _____ 20

MONTHLY RETURN

[See rule 45(3) (a) (iii)]

(Read the instructions carefully before filling the particulars)

To

- The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- The State Government

**PART – I
(General and Labour)**

1. Details of the Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
b) Mine Code	
c) Name of the Mineral	Bauxite/Laterite
d) Name of Mine	
e) Name(s) of other mineral(s), if any, produced from the same mine	
f) Location of the Mine :	
Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:

Phone no:		
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):		
Name of Person		
Street/Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:		E-mail:
Phone No:		
3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately		
	Reasons	No of days

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) From Underground workings			
(c) Dump workings			

2. Grade-wise Production, Despatches, Stocks and Ex-mine prices of Processed ore:

Grades(% of Al ₂ O ₃ content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./ Metric Tonne)
(A) For use in alumina and aluminium extraction:- (Please furnish averages of the following ranges of grades):					
(a) Below 40%					
(b) 40% to below 45%					
(c) 45% to below 50%					
(d) 50% to below 55%					
(e) 55% to below 60%					
(f) 60% and above					
(B) For use other than alumina and aluminium metal extraction:					
(a) Cement					
(b) Abrasive					
(c) Refractory					
(d) Chemical					

3. Details of Deductions used for computation of Ex-Mine price (Rs/ Metric Tonne):

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks

a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value(Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-4

For the month of _____20

MONTHLY RETURN

[See rule 45(3) (a) (iv)]

(Read the instructions carefully before filling the particulars)

To
(i) The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

(ii) The State Government

**PART – I
(General and Labour)**

1. Details of the Mine:	
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(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)													
b) Mine Code													
c) Name of the Mineral	Chromite												
d) Name of Mine													
e) Name(s) of other mineral(s), if any, produced from the same mine													
f) Location of the Mine :													
Village													
Post Office													
Tahsil/Taluk													
District													
State and PIN Code													
Fax no:	E-mail:												
Phone no:													
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):													
Name of Person													
Street/Village													
Post Office													
Tahsil/Taluk													
District													
State and PIN Code													
Fax no:	E-mail:												
Phone No:													
3. Details of Rent/ Royalty / Dead Rent paid in the month													
(i) Rent paid for the period (Rs.)													
(ii) Royalty paid for the period (Rs.)													
(iii) Dead Rent paid for the period (in Rs)													
4. Details on working of mine:													
(i) Number of days the mine worked:													
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately	<table border="1"> <thead> <tr> <th>Reasons</th> <th>No of days</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Reasons	No of days										
Reasons	No of days												

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) From Underground workings			
(c) Dump workings			

2. Grade-wise Production, Despatches ,Stocks and Ex-mine prices of Processed ore:

Grades(% of Cr ₂ O ₃ content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./ Metric Tonne)
A. Lumps:-					

(a) Below 40% Cr ₂ O ₃				
(b) 40% to below 52 % Cr ₂ O ₃				
(c) 52% Cr ₂ O ₃ and above				
B. Fines:-				
(a) Below 40% Cr ₂ O ₃				
(b) 40% to below 52 % Cr ₂ O ₃				
(c) 52% Cr ₂ O ₃ and above				
C. Concentrates				

3. Details of Deductions used for computation of Ex-Mine price (Rs/Metric Tonne):

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (in Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-5
For the month of _____ 20
MONTHLY RETURN
[See rule 45(3) (a) (v)]

(Read the instructions carefully before filling the particulars)

To
(i) The Regional Controller of Mines
Indian Bureau of Mines

_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

(ii) The State Government

**PART – I
(General and Labour)**

1. Details of the Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
b) Mine Code	
c) Name of the Mineral	
d) Name of Mine	
e) Name(s) of other mineral(s), if any, produced from the same mine	
f) Location of the Mine :	
Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	
Phone no:	
E-mail:	
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):	
Name of Person	
Street/Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	
Phone No:	
E-mail:	
3. Details of Rent/ Royalty / Dead Rent paid in the month	
(i) Rent paid for the period (Rs.)	
(ii) Royalty paid for the period (Rs.)	
(iii) Dead Rent paid for the period (in Rs)	
4. Details on working of mine:	
(i) Number of days the mine worked:	
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately	
Reasons	No of days

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes; indicate unit of quantity if not in tonnes.)

1. Production and Stocks of R.O.M. ore

	Opening stocks		Production		Closing stocks	
	Quantity	Metal content/ grade	Quantity	Metal content/ grade	Quantity	Metal content/ grade

A. From Underground workings						
i) From development						
ii) From Stopping						
B. From Opencast workings						
Total						

2. Ex-mine price of the ore produced (Rs. per unit):

3. Recoveries at Concentrator/Mill/Plant: (Quantity in tonnes & Value in Rs.)

Opening stocks of the Ore at concentrator/Plant		Ore received from the mine		Ore treated	
Quantity	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade

Concentrates * Obtained			Tailings		Closing stocks of concentrates the concentrator/Plant	
Quantity	Value	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade

*In case of any leaching method adopted, give quantity recovered and grade contained separately.

4.Recovery at the Smelter/Mill/Plant:-

Opening Stocks of the concentrates at the smelter /Plant		Concentrates received from concentrator/Plant		Concentrates received from other sources (specify)		Concentrates sold (if any)	
Quantity	Metal content/ grade	Quantity	Metal content/ grade	Quantity	Metal content/ grade	Quantity	Metal content/ grade

Concentrates treated		Metals(*) recovered(specify)			Other by-products ,if any, recovered			Closing stocks of concentrate at the Smelter/Plant	
Quantity	Metal content/ grade	Quantity	Value	Grade	Quantity	Value	Grade	Quantity	Value

5.Sales during the month:-

Opening stocks of metals/Products		Place of Sale	Metals/Products sold(@)			Closing stocks of Metals/Products	
Quantity	Grade		Quantity	Grade	Value(#)	Quantity	Value

Note:

(*) Please give category-wise break-up viz. blister, fire refined copper, cathodes, electrolytic copper wire bars, lead ingots, zinc cathodes, zinc dross, gold, tungsten etc.

(#) Please give ex-plant sale value including excise duty but excluding other taxes.

(@) Please give category-wise break-up of metals and other products sold.

6. Details of Deductions used for computation of Ex mine price of ore (Rs/unit)

Deduction claimed	Unit (in Rs/unit)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		

f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

7. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade*	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

*This includes ore as well as concentrates.

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer
(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

8. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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9. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-6

For the month of _____ 20

MONTHLY RETURN

[See rule 45(3) (a) (vi)]

(Read the instructions carefully before filling the particulars)

To

- The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- The State Government

**PART – I
(General and Labour)**

1. Details of the Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
b) Mine Code	

c) Name of the Mineral	MICA	
d) Name of Mine		
e) Name(s) of other mineral(s), if any, produced from the same mine		
f) Location of the Mine :		
Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone no:		
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):		
Name of Person		
Street/Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone No:		
3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately	Reasons	No of days

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

1. Production, despatches and stocks of crude and dressed mica. (in kilograms)

	Crude (r.o.m)	Waste/scrap mica obtained incidental to mining	Waste/ mica obtained after preliminary dressing (at mine site)
A. OPENING STOCKS			
(at the Beginning of the month)			
i) at Mine			
ii) at Dressing unit			
iii) at any Other point(Please specify)			
Total (Opening Stock)			
B. Production			
i)From underground mining			
ii)From opencast mining			
iii) From dump working			

Total (Production)			
C. DESPATCHES			
i)for dressing			
ii)for Sale			
Total (Despatches)			
D.CLOSING STOCKS			
i)At mine			
(ii)At dressing unit			
(iii)At any other point (Please specify)			
Total (Closing Stocks)			
E. Ex-mine price(#) (Rs. Per kg)			

(#)This should be estimated for all crude mica/ waste mica produced whether sold or not on the basis of the average sale price obtainable for crude/ waste mica in the market. To arrive at the ex-mine price from this notional sale price, the cost of transport from the mine head to the market or factory and any other incidental charges may be deducted .

2. Details of Deductions used for computation of Ex-Mine price (Rs/kg):

Deduction claimed	Unit (in Rs/kg)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

3. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer
(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure
shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

4. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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5. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-7
For the month of _____20
MONTHLY RETURN
[See rule 45(3) (a) (vii)]

(Read the instructions carefully before filling the particulars)

To
(i) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

(ii) The State Government

**PART – I
(General and Labour)**

1. Details of the Mine:											
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)											
b) Mine Code											
c) Name of the Mineral											
d) Name of Mine											
e) Name(s) of other mineral(s), if any, produced from the same mine											
f) Location of the Mine :											
Village											
Post Office											
Tahsil/Taluk											
District											
State and PIN Code											
Fax no:	E-mail:										
Phone no:											
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):											
Name of Person											
Street/Village											
Post Office											
Tahsil/Taluk											
District											
State and PIN Code											
Fax no:	E-mail:										
Phone No:											
3. Details of Rent/ Royalty / Dead Rent paid in the month											
(i) Rent paid for the period (Rs.)											
(ii) Royalty paid for the period (Rs.)											
(iii) Dead Rent paid for the period (in Rs)											
4. Details on working of mine:											
(i) Number of days the mine worked:											
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately	<table border="1"> <thead> <tr> <th>Reasons</th> <th>No of days</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Reasons	No of days								
Reasons	No of days										

5. (i) Average Daily Employment and Wages paid:

Work place	Direct		Contract		Wages (Rs.)	
	Male	Female	Male	Female	Direct	Contract
Below ground						
Opencast						
Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

1.R.O.M production:-

Category	Unit of quantity	Quantity
i)Opencast		
ii)Underground		

(If there are different types of R.O.M. production, separate figures should be furnished for each type of R.O.M indicating in each case the appropriate unit of quantity.)

2. Production, stocks and despatches:-

	Gem Variety				Industrial		Others	
	Rough and uncut stones		Cut and Polished Stones					
	No of stones	Qty @	No of stones	Qty @	No of stones	Qty @	No of stones	Qty @
A .Opening stocks								
i)From Opencast Working								
ii)From underground working								
TOTAL (Production)								
C.Despatches								
D.Closing Stocks								
E.Ex mine Price*								

(@The Unit of quantity viz. Carats/Grams/Kilogram etc. as the case may be should be indicated under quantity.)

*This should be estimated for all the stones produced during the month whether sold or not on the basis of average sale price obtained for sales made during the month. In case no sales are made Ex-pit-head, the ex-mine price should be arrived at after deducting the actual expenses incurred from the pit-head to the point of sale, from the sale price realised.

3. Details of Deductions used for computation of Ex-Mine price (Rs/unit):

Deduction claimed	(in Rs/ unit)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade#	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

#Grades:- i)Gem Variety a) Rough and uncut stones b) Cut and Polished Stones; ii) Industrial iii)Others

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer

(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

-

- b)
c)

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-8
For the month of _____ 20
MONTHLY RETURN
[See rule 45(3) (a) (viii)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I
(General and Labour)

1. Details of the Mine:							
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)							
b) Mine Code							
c) Name of the Mineral							
d) Name of Mine							
e) Name(s) of other mineral(s), if any, produced from the same mine							
f) Location of the Mine :							
Village							
Post Office							
Tahsil/Taluk							
District							
State and PIN Code							
Fax no:					E-mail:		
Phone no:							
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):							
Name of Person							
Street/Village							
Post Office							
Tahsil/Taluk							
District							
State and PIN Code							
Fax no:					E-mail:		
Phone No:							
3. Details of Rent/ Royalty / Dead Rent paid in the month							
(i) Rent paid for the period (Rs.)							
(ii) Royalty paid for the period (Rs.)							
(iii) Dead Rent paid for the period (in Rs)							
4. Details on working of mine:							
(i) Number of days the mine worked:							
(ii) Reasons for work stoppage in the mine during the month (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each reason separately					Reasons		No of days
5. (i) Average Daily Employment and Wages paid:							
Work place	Direct		Contract		Wages (Rs.)		
	Male	Female	Male	Female	Direct	Contract	
Below ground							
Opencast							

Above ground						
Total						

5.(ii) Total number of technical and supervisory staff employed in the mine during the month : _____

(iii) Total salaries paid to technical and supervisory staff employed in the mine during the month in Rs. _____

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) From Underground workings			
(c) Dump workings			

2. Grade-wise Production, Despatches ,Stocks and Ex-mine price of Processed/Sorted ore:

Grades*	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./Metric Tonne)

* The grades are as below:-

MINERAL	GRADES
Asbestos	a) Amphibole
	B) Chrysotile
Barytes	(a) White (including snow-white)
	(b) Off colour
Fluorite/Fluorspar	(a) 85% CaF ₂ and above
	(b) 70 to below 85% CaF ₂
	(c) 30 to below 70% CaF ₂
	(d) Below 30% CaF ₂
Graphite	(a) with 80 per cent or more fixed carbon
	b) with 40 per cent or more but less than 80 per cent fixed carbon
	c) with less than 40% fixed carbon
Kaolin/China clay, Ball clay, White shale, White clay	a) Crude (Natural)
	b) Processed
Kyanite	(a) 40% Al ₂ O ₃ & above
	(b) Below 40% Al ₂ O ₃
Limestone	a) LD, and
	(b) SMS/Chemical
	(c) BF/Cement
Rock Phosphate/ Phosphorite	a) 30- 35% P ₂ O ₅
	b) 25- 30 % P ₂ O ₅
	c) 20-25% P ₂ O ₅
	d) 15-20% P ₂ O ₅
Talc/Steatite/Soapstone	(a) Insecticide (filler) grade
	(b) Other than insecticide (filler) grade

3(i) In case the mineral is being pulverized in own factory, please give the following particulars:-

Grade	Total quantity of mineral Pulverized (in tonnes)	Total quantity of pulverized mineral produced (for each mesh size)		Total Quantity of pulverized mineral sold during the year		
		Mesh size	Quantity (tonne)	Mesh size	Quantity (tonne)	Ex-factory Sale value (Rs.)

3(ii) Average cost of pulverization : Rs _____ per tonne.

4. Details of Deductions used for computation of Ex-Mine price (Rs/Metric Tonne):

Deduction claimed	Unit (in Rs/Tonne)	Remarks

a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

5. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value(Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer
(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure
shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

6. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

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7. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

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I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM H-1

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN

[See rule 45(3) (b)(i)]

(Read the instructions carefully before filling the particulars)

To
(i) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

(ii) The State Government

PART – I (General)

1. Details of Mine:			
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)			
(b) Mine Code			
(c) Name of the Mineral			IRON ORE
(d) Name of Mine			
(e) Name(s) of other mineral(s), if any, produced from the same mine			
2. Location of the Mine :			
Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:			E-mail:
Phone no:			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Name of Person			
Street/Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:			E-mail:
Phone No:			
4. Registered Office of the Lessee			
5. Director in charge :			
6. Agent :			
7. Manager :			
8. Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferer (previous owner) if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)			
(i) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(ii) Date of execution of mining lease deed			
(iii) Period of lease			
(iv) Area for which surface rights are held (hectares)			
(v) Date and period of renewal (if applicable)			
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced			
12. Lease area (surface area) utilisation as at the end of year (hectares):			
	Under forest	Outside forest	Total
(i) Already exploited & abandoned by opencast (O/C) mining			
(ii) Covered under current (O/C) Workings			
(iii) Reclaimed/rehabilitated			
(iv) Used for waste disposal			
(v) Occupied by plant, buildings, residential, welfare buildings & roads			
(vi) Used for any other purpose (specify)			
(vii) Work done under progressive mine closure plan during the year			
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)			

PART - II (Employment & Wages)

1. Number of technical and supervisory staff employed at the mine			
Description	Wholly employed	Partly employed	
(i) Graduate Mining Engineer			
(ii) Diploma Mining Engineer			
(iii) Geologist			
(iv) Surveyor			
(v) Other administrative clerical and technical supervisory staff			

Total:-								
2.(i) Number of days the mine worked:								
(ii) No. of shifts per day:								
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .		Reasons	No of days					
3.(i) Employment of Labour and wages paid:-								
Maximum number of persons employed on any one day during the year:								
(i) In workings below ground on(a).....								
(ii) In all in the mine on(a).....								
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary bills for the year
	Direct	Contract	Total		Male	Female	Total	
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
A. Below Ground								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
B. Opencast workings :								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground :								
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)								
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.								
(iii) Others								
Total:								

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000)..... (in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(i) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			
2. Royalty and Rents (in ' 000 Rs.):			
X		Paid for current year	Paid towards past arrears
(a) Royalty			
(b) Dead rent			
(c) Surface rent			
3. Compensation paid for felling trees during the year (in Rs)			
4. Depreciation on fixed assets Rs			
5. Taxes and cesses			
X		Amount in Rs. paid during the year to:	
X		Central Govt.	State Govt.
(i) Sales Tax			
(ii) Welfare cess			
(iii) Other taxes & cesses:-			
(a) Mineral cess			
(b) Cess on dead rent			
(c) Others (please specify)			
6. Other expenses:			
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid to workmen			
(iv) Payment made to professional agencies			

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Esitmated requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)
1. Gun Powder	kg.				
2. Nitrate Mixture	kg.	X	X	X	X
a. Loose ammonium nitrate					
b. Ammonium nitrate in cartridged form					

3.Nitro compound	Kg.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7.Fuse	Mts	X	X	X	X
(a)Safety Fuse					
(b)Detonating Fuse					
8.Plastic ignition cord	Mts				
9.Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)
Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
Drilling			
Trenching			
Pitting			

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

- (a) Driving (metres) in ore:
- (b) Cross Cutting/Footwall Drives (in barren) (Metres) :
- (c) Winzing (metres):
- (d) Raising (metres):
- (e) Shaft sinking (metres):
- (f) Stope preparation (metres):
- (g) Tonnage of ore blocked for stoping (tonnes):
- (h) Quantity of waste removed (tonnes):
- (i) Quantity of mineral rejects generated with grade (tonnes):

Within lease area Outside lease area

4.4 i) Number of trees planted during the year

ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought uptodate (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPACHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Type of ore produced:

(Tick mark, whichever is applicable)

- (a) Hematite
(b) Magnetite

2. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) Dump workings			

3. Grade-wise Production, Despatches, Stocks and Ex-mine prices of Processed ore:

Grades(% of Fe content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./ MT)

i) Lumps:-

(a) Below 55%					
(b) 55% to below 58%					
(c) 58% to below 60%					
(d) 60% to below 62%					
(e) 62% to below 65%					
(f) 65% and above					

ii) Fines:-

(a) Below 55%					
(b) 55% to below 58%					
(c) 58% to below 60%					
(d) 60% to below 62%					
(e) 62% to below 65%					
(f) 65% and above					

iii) Concentrates

--	--	--	--	--	--

4. Details of Deductions used for computation of Sale price (Ex-Mine)(Rs/Tonne)

Deduction claimed	Unit (in Rs/Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

5. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

6. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

- a)
- b)
- c)

7. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

- a)
- b)
- c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

	Item	Cost Per metric tonne
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-2

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN

[See rule 45(3) (b)(ii)]

(Read the instructions carefully before filling the particulars)

- To
- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,
PIN:
(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)
 - (ii) The State Government

PART – I (General)

1. Details of Mine:	
----------------------------	--

(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
(b) Mine Code	
(c) Name of the Mineral	Manganese Ore
(d) Name of Mine	
(e) Name(s) of other mineral(s), if any, produced from the same mine	
2. Location of the Mine :	
Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone no:	
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):	
Name of Person	
Street/Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone No:	
4. Registered Office of the Lessee	
5. Director in charge :	
6. Agent :	
7. Manager :	
8. Mining Engineer in charge:	
9. Geologist in charge :	
10. Transferer (previous owner) if any, and date of transfer:	
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)	
(i) Area under lease (hectares):	
Under Forest	
Outside Forest	
Total	
(ii) Date of execution of mining lease deed	
(iii) Period of lease	
(iv) Area for which surface rights are held (hectares)	
(v) Date and period of renewal (if applicable)	
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced	
12. Lease area (surface area) utilisation as at the end of year (hectares):	Under forest Outside forest Total
(i) Already exploited & abandoned by opencast (O/C) mining	
(ii) Covered under current (O/C) Workings	
(iii) Reclaimed/rehabilitated	
(iv) Used for waste disposal	
(v) Occupied by plant, buildings, residential, welfare buildings & roads	
(vi) Used for any other purpose (specify)	
(vii) Work done under progressive mine closure plan during the year	
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)	

PART - II (Employment & Wages)

1. Number of technical and supervisory staff employed at the mine		Wholly employed	Partly employed
Description			
(i) Graduate Mining Engineer			
(ii) Diploma Mining Engineer			
(iii) Geologist			
(iv) Surveyor			
(v) Other administrative clerical and technical supervisory staff			
Total:-			

2.(i) Number of days the mine worked:									
(ii) No.of shifts per day:									
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .						Reasons		No of days	
3.(i) Employment of Labour and wages paid:-									
Maximum number of persons employed on any one day during the year:									
(i) In workings below ground on(a).....									
(ii) In all in the mine on(a).....									
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary bills for the year	
	Direct	Contract	Total		Male	Female	Total		
(1)	2(A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)	
A. Below Ground									
i) Foreman and mining mates									
ii) Face workers and Loaders									
iii) Others									
B. Opencast workings :									
i) Foreman and mining mates									
ii) Face workers and Loaders									
iii) Others									
C. Above ground :									
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)									
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.									
(iii) Others									
Total:									

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000)..... (in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(ii) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-

(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			
2. Royalty and Rents (in' 000 Rs.):			
X		Paid for current year	Paid towards past arrears
(a) Royalty			
(b) Dead rent			
(c) Surface rent			
3. Compensation paid for felling trees during the year (in Rs)			
4. Depreciation on fixed assets Rs			
5. Taxes and cesses			
X		Amount in Rs. paid during the year to:	
X		Central Govt.	State Govt.
(i) Sales Tax			
(ii) Welfare cess			
(iii) Other taxes & cesses:-			
(a) Mineral cess			
(b) Cess on dead rent			
(c) Others (please specify)			
6. Other expenses:			
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid to workmen			
(iv) Payment made to professional agencies			

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Estimated requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)
1. Gun Powder	kg.				
2. Nitrate Mixture	kg.	X	X	X	X

a. Loose ammonium nitrate					
b. Ammonium nitrate in cartridge form					
3. Nitro compound	Kg.				
4. Liquid Oxygen soaked cartridges	Kg.				
5. Slurry explosives (Mention different trade names)	Kg.				
6. Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7. Fuse	Mts	X	X	X	X
(a) Safety Fuse					
(b) Detonating Fuse					
8. Plastic ignition cord	Mts				
9. Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)

Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
Drilling			
Trenching			
Pitting			

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

- (a) Driving (metres) in ore:
- (b) Cross Cutting/Footwall Drives (in barren) (Metres) :
- (c) Winzing (metres):
- (d) Raising (metres):
- (e) Shaft sinking (metres):
- (f) Stope preparation (metres):
- (g) Tonnage of ore blocked for stoping (tonnes):
- (h) Quantity of waste removed (tonnes):
- (i) Quantity of mineral rejects generated with grade (tonnes):

Within lease area Outside lease area

4.4 i) Number of trees planted during the year

ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought uptodate (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) Underground workings			
(b) Dump workings			

2. Grade-wise Production, Despatches ,Stocks and Ex-mine prices of Processed ore:

Grades(% of Mn content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./ Metric Tonne)
(a) Below 25%					
(b) 25% to below 35%					
(c) 35% to below 46%					
(d) 46% and above					
(e) Dioxide ore					
(f) Concentrates					

3. Details of Deductions used for computation of Ex mine price (Rs/Metric Tonne)

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer

(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure

shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

- a)
- b)
- c)

6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

- a)
- b)
- c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

	Item	Cost Per metric tonne
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-3

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN

[See rule 45(3) (b)(iii)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I (General)

1. Details of Mine:			
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)			
(b) Mine Code			
(c) Name of the Mineral		Bauxite/Laterite	
(d) Name of Mine			
(e) Name(s) of other mineral(s), if any, produced from the same mine			
2. Location of the Mine :			
Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:		E-mail:	
Phone no:			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Name of Person			
Street/Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:		E-mail:	
Phone No:			
4.Registered Office of the Lessee			
5. Director in charge :			
6. Agent :			
7. Manager :			
8.Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferer (previous owner) if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)			
(i) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(ii) Date of execution of mining lease deed			
(iii) Period of lease			
(iv) Area for which surface rights are held (hectares)			
(v) Date and period of renewal (if applicable)			
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced			
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under forest	Outside forest
(i) Already exploited & abandoned by opencast (O/C) mining			
(ii) Covered under current (O/C) Workings			
(iii) Reclaimed/rehabilitated			
(iv) Used for waste disposal			
(v) Occupied by plant, buildings, residential, welfare buildings & roads			
(vi) Used for any other purpose (specify)			
(vii) Work done under progressive mine closure plan during the year			
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)			

PART - II (Employment & Wages)

1.Number of technical and supervisory staff employed at the mine			
	Description	Wholly employed	Partly employed
(i)	Graduate Mining Engineer		
(ii)	Diploma Mining Engineer		
(iii)	Geologist		
(iv)	Surveyor		

(v) Other administrative clerical and technical supervisory staff								
Total:-								
2.(i) Number of days the mine worked:								
(ii) No.of shifts per day:								
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .		Reasons	No of days					
3.(i) Employment of Labour and wages paid:-								
Maximum number of persons employed on any one day during the year:								
(i)In workings below ground on(a).....								
(ii)In all in the mine on(a).....								
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed		Total Wages /Salary bills for the year	
	Direct	Contract	Total		Male	Female	Total	
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
A. Below Ground								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
B. Opencast workings :								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground :								
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)								
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.								
(iii) Others								
Total:								

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000).....						
(in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(iii) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			

2. Royalty and Rents (in ' 000 Rs.):		
X	Paid for current year	Paid towards past arrears
(a) Royalty		
(b) Dead rent		
(c) Surface rent		

3. Compensation paid for felling trees during the year (in Rs)

4. Depreciation on fixed assets Rs

5. Taxes and cesses

X	Amount in Rs. paid during the year to:	
X	Central Govt.	State Govt.
(i) Sales Tax		
(ii) Welfare cess		
(iii) Other taxes & cesses:-		
(a) Mineral cess		
(b) Cess on dead rent		
(c) Others (please specify)		

6. Other expenses:	
(i) Overheads	
(ii) Maintenance	
(iii) Money value of other benefits paid to workmen	
(iv) Payment made to professional agencies	

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Esitmated requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)

1.Gun Powder	kg.				
2.Nitrate Mixture	kg.	X	X	X	X
a.Loose ammonium nitrate					
b.Ammonium nitrate in cartridged form					
3.Nitro compound	Kg.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7.Fuse	Mts	X	X	X	X
(a)Safety Fuse					
(b)Detonating Fuse					
8.Plastic ignition cord	Mts				
9.Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.
------	----	----	----	----

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)

Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Meterage	Grid/Dimension (as applicable)	Item	Number
-----Drilling-----			
Trenching			
Pitting			

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

- (a) Driving (metres) in ore:
- (b) Cross Cutting/Footwall Drives (in barren) (Metres) :
- (c) Winzing (metres):
- (d) Raising (metres):
- (e) Shaft sinking (metres):
- (f) Stope preparation (metres):
- (g) Tonnage of ore blocked for stoping (tonnes):
- (h) Quantity of waste removed (tonnes):
- (i) Quantity of mineral rejects generated with grade (tonnes):

Within lease area Outside lease area

4.4 i) Number of trees planted during the year

ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought upto date (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) Underground workings			
(b) Dump workings			

2. Grade-wise Production, Despatches, Stocks and Ex-mine prices of Processed ore:

Grades(% of Al ₂ O ₃ content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./ Metric Tonne)
(B) For use in alumina and aluminium extraction:- (Please furnish averages of the following ranges of grades):					
(a) Below 40%					
(b) 40% to below 45%					
(c) 45% to below 50%					
(d) 50% to below 55%					
(e) 55% to below 60%					
(f) 60% and above					
(B) For use other than alumina and aluminium metal extraction					
(a) Cement					
(b) Abrasive					
(c) Refractory					
(d) Chemical					

3. Details of Deductions used for computation of Ex_mine price (Rs/Metric Tonne)

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

- a)
- b)
- c)

6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

- a)
- b)
- c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

	Item	Cost Per metric tonne
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-4

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN

[See rule 45(3) (b)(iv)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I (General)

1. Details of Mine:			
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)			
(b) Mine Code			
(c) Name of the Mineral			Chromite
(d) Name of Mine			
(e) Name(s) of other mineral(s), if any, produced from the same mine			
2. Location of the Mine :			
Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:			E-mail:
Phone no:			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Name of Person			
Street/Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:			E-mail:
Phone No:			
4. Registered Office of the Lessee			
5. Director in charge :			
6. Agent :			
7. Manager :			
8. Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferer (previous owner) if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)			
(i) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(ii) Date of execution of mining lease deed			
(iii) Period of lease			
(iv) Area for which surface rights are held (hectares)			
(v) Date and period of renewal (if applicable)			
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced			
12. Lease area (surface area) utilisation as at the end of year (hectares):			Under forest
(i) Already exploited & abandoned by opencast (O/C) mining			Outside forest
(ii) Covered under current (O/C) Workings			Total
(iii) Reclaimed/rehabilitated			
(iv) Used for waste disposal			
(v) Occupied by plant, buildings, residential, welfare buildings & roads			
(vi) Used for any other purpose (specify)			
(vii) Work done under progressive mine closure plan during the year			
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)			

PART - II (Employment & Wages)

1. Number of technical and supervisory staff employed at the mine			
Description		Wholly employed	Partly employed
(i)	Graduate Mining Engineer		
(ii)	Diploma Mining Engineer		
(iii)	Geologist		
(iv)	Surveyor		
(v)	Other administrative clerical and technical supervisory staff		

Total:-								
2.(i) Number of days the mine worked:								
(ii) No.of shifts per day:								
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .						Reasons	No of days	
3.(i) Employment of Labour and wages paid:-								
Maximum number of persons employed on any one day during the year:								
(i)In workings below ground on(a).....								
(ii)In all in the mine on(a).....								
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages / Salary bills for the year
	Direct	Contract	Total		Male	Female	Total	
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
A. Below Ground								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
B. Opencast workings :								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground :								
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)								
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.								
(iii) Others								
Total:								

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000).....						
(in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(iv) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

- ** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.
 *** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			
2. Royalty and Rents (in ' 000 Rs.):			
X		Paid for current year	Paid towards past arrears
(a) Royalty			
(b) Dead rent			
(c) Surface rent			
3. Compensation paid for felling trees during the year (in Rs)			
4. Depreciation on fixed assets Rs			
5. Taxes and cesses			
X		Amount in Rs. paid during the year to:	
X		Central Govt.	State Govt.
(i) Sales Tax			
(ii) Welfare cess			
(iii) Other taxes & cesses:-			
(a) Mineral cess			
(b) Cess on dead rent			
(c) Others (please specify)			
6. Other expenses:			
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid to workmen			
(iv) Payment made to professional agencies			

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year	Estimated requirement during the next year
------------------------------	------	-----------------------------------	--

		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)
1.Gun Powder	kg.				
2.Nitrate Mixture	kg.	X	X	X	X
a.Loose ammonium nitrate					
b.Ammonium nitrate in cartridged form					
3.Nitro compound	Kg.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7.Fuse	Mts	X	X	X	X
(a)Safety Fuse					
(b)Detonating Fuse					
8.Plastic ignition cord	Mts				
9.Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade		
	1	2	3

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)

Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
------	--------	-----------------------------	----------------

Drilling
Trenching
Pitting

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

(a) Driving (metres) in ore:
(b) Cross Cutting/Footwall Drives (in barren) (Metres) :
(c) Winzing (metres):
(d) Raising (metres):
(e) Shaft sinking (metres):
(f) Stope preparation (metres):
(g) Tonnage of ore blocked for stoping (tonnes):
(h) Quantity of waste removed (tonnes):
(i) Quantity of mineral rejects generated with grade (tonnes):

	Within lease area	Outside lease area
--	-------------------	--------------------

4.4 i) Number of trees planted during the year

ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its

availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought upto date (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

1. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings			
(b) Underground workings			
(b) Dump workings			

2. Grade-wise Production, Despatches ,Stocks and Ex-mine prices of Processed ore:

Grades(% of Cr ₂ O ₃ content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine-head	Ex-mine price (Rs./ Metric Tonne)
A. Lumps:-					
(a) Below 40% Cr ₂ O ₃					
(b) 40% to below 52 % Cr ₂ O ₃					
(c) 52% Cr ₂ O ₃ and above					
B. Fines:-					
(a) Below 40% Cr ₂ O ₃					
(b) 40% to below 52 % Cr ₂ O ₃					
(c) 52% Cr ₂ O ₃ and above					
C. Concentrates					

3. Details of Deductions used for computation of Ex_mine price (Rs/Metric Tonne)

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer

(to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of

invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

- a)
- b)
- c)

6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

- a)
- b)
- c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

	Item	Cost Per metric tonne
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager”;

FORM H-5

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN

[See rule 45(3) (b)(v)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I (General)

1. Details of Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
(b) Mine Code	
(c) Name of the Mineral	Copper/Gold/Lead/Pyrites/Tin/Tungsten/Zinc
(d) Name of Mine	

(e) Name(s) of other mineral(s), if any, produced from the same mine			
2. Location of the Mine :			
Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:		E-mail:	
Phone no:			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Name of Person			
Street/Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:		E-mail:	
Phone No:			
4. Registered Office of the Lessee			
5. Director in charge :			
6. Agent :			
7. Manager :			
8. Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferer (previous owner) if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)			
(i) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(ii) Date of execution of mining lease deed			
(iii) Period of lease			
(iv) Area for which surface rights are held (hectares)			
(v) Date and period of renewal (if applicable)			
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced			
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under forest	Outside forest
(i) Already exploited & abandoned by opencast (O/C) mining			
(ii) Covered under current (O/C) Workings			
(iii) Reclaimed/rehabilitated			
(iv) Used for waste disposal			
(v) Occupied by plant, buildings, residential, welfare buildings & roads			
(vi) Used for any other purpose (specify)			
(vii) Work done under progressive mine closure plan during the year			
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)			

PART - II (Employment & Wages)

1. Number of technical and supervisory staff employed at the mine		
Description	Wholly employed	Partly employed
(i) Graduate Mining Engineer		
(ii) Diploma Mining Engineer		
(iii) Geologist		
(iv) Surveyor		
(v) Other administrative clerical and technical supervisory staff		
Total:-		
2.(i) Number of days the mine worked:		

(ii) No. of shifts per day:									
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .						Reasons		No of days	
3.(i) Employment of Labour and wages paid:-									
Maximum number of persons employed on any one day during the year:									
(i) In workings below ground on(a).....									
(ii) In all in the mine on(a).....									
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary bills for the year	
	Direct	Contract	Total		Male	Female	Total		
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)	
A. Below Ground									
i) Foreman and mining mates									
ii) Face workers and Loaders									
iii) Others									
B. Opencast workings :									
i) Foreman and mining mates									
ii) Face workers and Loaders									
iii) Others									
C. Above ground :									
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)									
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.									
(iii) Others									
Total:									

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000).....						
(in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(v) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			

2. Royalty and Rents (in '000 Rs.):		
X	Paid for current year	Paid towards past arrears
(a) Royalty		
(b) Dead rent		
(c) Surface rent		

3. Compensation paid for felling trees during the year (in Rs)	
4. Depreciation on fixed assets Rs	

5. Taxes and cesses		
X	Amount in Rs. paid during the year to:	
X	Central Govt.	State Govt.
(i) Sales Tax		
(ii) Welfare cess		
(iii) Other taxes & cesses:-		
(a) Mineral cess		
(b) Cess on dead rent		
(c) Others (please specify)		

6. Other expenses:	
(i) Overheads	
(ii) Maintenance	
(iii) Money value of other benefits paid to workmen	
(iv) Payment made to professional agencies	

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Esitmed requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)

1.Gun Powder	kg.				
2.Nitrate Mixture	kg.	X	X	X	X
a.Loose ammonium nitrate					
b.Ammonium nitrate in cartridged form					
3.Nitro compound	Kg.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7.Fuse	Mts	X	X	X	X
(a)Safety Fuse					
(b)Detonating Fuse					
8.Plastic ignition cord	Mts				
9.Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)

Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
------	--------	-----------------------------	----------------

Drilling
Trenching
Pitting

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

(a) Driving (metres) in ore:
(b) Cross Cutting/Footwall Drives (in barren) (Metres) :
(c) Winzing (metres):
(d) Raising (metres):
(e) Shaft sinking (metres):
(f) Stope preparation (metres):
(g) Tonnage of ore blocked for stoping (tonnes):
(h) Quantity of waste removed (tonnes):
(i) Quantity of mineral rejects generated with grade (tonnes):
 Within lease area Outside lease area

4.4 i) Number of trees planted during the year

ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought upto date (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes; indicate unit of quantity if not in tonnes.)

2. Production and Stocks of R.O.M. ore

	Opening stocks		Production		Closing stocks	
	Quantity	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade
A. From Underground workings						
i) From development						
ii) From Stopping						
B. From Opencast workings						
Total						

3. Ex-mine price of the ore produced (Rs. per unit):
 4. Recoveries at Concentrator/Mill/Plant: (Quantity@ in tonnes & Value in Rs.)

Opening stocks of the Ore at concentrator/Plant		Ore received from the mine		Ore treated	
Quantity	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade

Concentrates * Obtained			Tailings		Closing stocks of concentrates the concentrator/Plant	
Quantity	Value	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade

*In case of any leaching method adopted, give quantity recovered and grade contained separately.

.Recovery at the Smelter/Mill/Plant:-

Opening Stocks of the concentrates at the smelter /Plant		Concentrates received from concentrator/Plant		Concentrates received from other sources (specify)		Concentrates sold (if any)	
Quantity	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade

Concentrates treated		Metals(*) recovered(specify)			Other by-products ,if any, recovered			Closing stocks of concentrate at the Smelter/Plant	
Quantity	Metal content/grade	Quantity	Value	Grade	Quantity	Value	Grade	Quantity	Value

5.Sales during the month:-

Opening stocks of metals/Products		Place of Sale	Metals/Products sold(@)			Closing stocks of Metals/Products	
Quantity	Grade		Quantity	Grade	Value(#)	Quantity	Value

Note:

(*) Please give category-wise break-up viz. blister, fire refined copper, cathodes, electrolytic copper wire bars, lead ingots, zinc cathodes, zinc dross, gold, tungsten etc.

(#) Please give ex-plant sale value including excise duty but excluding other taxes.

(@) Please give category-wise break-up of metals and other products sold.

6. Details of Deductions used for computation of Ex mine price of ore (Rs/unit)

Deduction claimed	Unit (in Rs/unit)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

7. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade*	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

*This includes ore as well as concentrates.

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity,for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

8. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

-
-
-

9. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

-
-
-

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

Item	Cost Per metric tonne
(i) Direct Cost	
(a) Exploration	
(b) Mining	
(c) Beneficiation(Mechanical Only)	

(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-6

For the financial year 1st April, 20__ to 31st March, 20__

ANNUAL RETURN

[See rule 45(3) (b)(vi)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I (General)

1. Details of Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)	
(b) Mine Code	
(c) Name of the Mineral	Mica
(d) Name of Mine	
(e) Name(s) of other mineral(s), if any, produced from the same mine	
2. Location of the Mine :	
Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone no:	
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):	
Name of Person	
Street/Village	
Post Office	
Tahsil/Taluk	
District	
State and PIN Code	
Fax no:	E-mail:
Phone No:	
4. Registered Office of the Lessee	

5. Director in charge :					
6. Agent :					
7. Manager :					
8. Mining Engineer in charge:					
9. Geologist in charge :					
10. Transferer (previous owner) if any, and date of transfer:					
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)					
(i) Area under lease (hectares):					
Under Forest					
Outside Forest					
Total					
(ii) Date of execution of mining lease deed					
(iii) Period of lease					
(iv) Area for which surface rights are held (hectares)					
(v) Date and period of renewal (if applicable)					
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced					
12. Lease area (surface area) utilisation as at the end of year (hectares):	<table border="1"><thead><tr><th></th><th>Under forest</th><th>Outside forest</th><th>Total</th></tr></thead></table>		Under forest	Outside forest	Total
	Under forest	Outside forest	Total		
(i) Already exploited & abandoned by opencast (O/C) mining					
(ii) Covered under current (O/C) Workings					
(iii) Reclaimed/rehabilitated					
(iv) Used for waste disposal					
(v) Occupied by plant, buildings, residential, welfare buildings & roads					
(vi) Used for any other purpose (specify)					
(vii) Work done under progressive mine closure plan during the year					
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)					

PART - II (Employment & Wages)

1. Number of technical and supervisory staff employed at the mine		
Description	Wholly employed	Partly employed
(i) Graduate Mining Engineer		
(ii) Diploma Mining Engineer		
(iii) Geologist		
(iv) Surveyor		
(v) Other administrative clerical and technical supervisory staff		
Total:-		
2.(i) Number of days the mine worked:		
(ii) No. of shifts per day:		
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .	Reasons	No of days
3.(i) Employment of Labour and wages paid:-		
Maximum number of persons employed on any one day during the year:		
(i) In workings below ground on(a).....		
(ii) In all in the mine on(a).....		

Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary bills for the year
	Direct	Contract	Total		Male	Female	Total	
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
A. Below Ground								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
B. Opencast workings :								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground :								
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)								
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.								
(iii) Others								
Total:								

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000).....						
(in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(vi) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular

mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3 Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			
2. Royalty and Rents (in ' 000 Rs.):			
X		Paid for current year	Paid towards past arrears
(a) Royalty			
(b) Dead rent			
(c) Surface rent			
3. Compensation paid for felling trees during the year (in Rs)			
4. Depreciation on fixed assets Rs			
5. Taxes and cesses			
X	Amount in Rs. paid during the year to:		
X	Central Govt.	State Govt.	
(i) Sales Tax			
(ii) Welfare cess			
(iii) Other taxes & cesses:-			
(a) Mineral cess			
(b) Cess on dead rent			
(c) Others (please specify)			
6. Other expenses:			
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid to workmen			
(iv) Payment made to professional agencies			

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Estimated requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)
1. Gun Powder	kg.				
2. Nitrate Mixture	kg.	X	X	X	X
a. Loose ammonium nitrate					
b. Ammonium nitrate in cartridged form					
3. Nitro compound	Kg.				
4. Liquid Oxygen soaked cartridges	Kg.				
5. Slurry explosives (Mention different trade names)	Kg.				
6. Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7. Fuse	Mts	X	X	X	X
(a) Safety Fuse					
(b) Detonating Fuse					
8. Plastic ignition cord	Mts				
9. Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)

Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve		111	
2. Probable Mineral Reserve		121 and 122	
B. Remaining Resources			
1. Feasibility Mineral Resource		211	
2. Prefeasibility Mineral Resource		221 and 222	
3. Measured Mineral Resource		331	
4. Indicated Mineral Resource		332	
5. Inferred Mineral Resource		333	
6. Reconnaissance Mineral Resource		334	

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
------	--------	-----------------------------	----------------

Drilling
Trenching
Pitting

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):
(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

(a) Driving (metres) in ore:
(b) Cross Cutting/Footwall Drives (in barren) (Metres) :
(c) Winzing (metres):
(d) Raising (metres):
(e) Shaft sinking (metres):
(f) Stope preparation (metres):
(g) Tonnage of ore blocked for stoping (tonnes):
(h) Quantity of waste removed (tonnes):
(i) Quantity of mineral rejects generated with grade (tonnes):
 Within lease area Outside lease area

4.4 i) Number of trees planted during the year
 ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought uptodate (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

1. Production, despatches and stocks of crude and dressed mica (in kilograms)

	Crude (r.o.m)	Waste/scrap mica obtained incidental to mining	Waste/ mica obtained after preliminary dressing (at mine site)
A. OPENING STOCKS			
(at the Beginning of the month)			
i) at Mine			
ii) at Dressing unit			
iii) at any Other point(Please specify)			
Total (Opening Stock)			
B. Production			
i)From underground mining			
ii)From opencast mining			
iii) From dump working			
Total (Production)			
C. DESPATCHES			
i)for dressing			
ii)for Sale			
Total (Despatches)			
D.CLOSING STOCKS			
i)At mine			
(ii)At dressing unit			
(iii)At any other point (Please specify)			
Total (Closing Stocks)			
E. Ex-mine price(#) (Rs. Per kg)			

(#)This should be estimated for all crude mica/ waste mica produced whether sold or not on the basis of the average sale price obtainable for crude/ waste mica in the market. To arrive at the ex-mine price from this notional sale price, the cost of transport from the mine head to the market or factory and any other incidental charges may be deducted .

2. Details of Deductions used for computation of Ex-Mine price (Rs/kg):

Deduction claimed	Unit (in Rs/kg)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

3. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch	For Domestic Consumption	For export

	(indicate whether for Sale or Captive consumption or Export)	Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value(Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

-
-
-

6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

-
-
-

PART-VII: COST OF PRODUCTION

Cost of production per kilogram of ore/mineral produced

	Item	Cost per kilogram
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-7

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN
[See rule 45(3) (b)(vii)]

(Read the instructions carefully before filling the particulars)

To

- The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- The State Government

PART – I (General)

1. Details of Mine:			
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)			
(b) Mine Code			
(c) Name of the Mineral			
(d) Name of Mine			
(e) Name(s) of other mineral(s), if any, produced from the same mine			
2. Location of the Mine :			
Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:			E-mail:
Phone no:			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Name of Person			
Street/Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:			E-mail:
Phone No:			
4.Registered Office of the Lessee			
5. Director in charge :			
6. Agent :			
7. Manager :			
8.Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferer (previous owner) if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)			
(i) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(ii) Date of execution of mining lease deed			
(iii) Period of lease			
(iv) Area for which surface rights are held (hectares)			
(v) Date and period of renewal (if applicable)			
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced			
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under forest	Outside forest
(i) Already exploited & abandoned by opencast (O/C) mining			
(ii) Covered under current (O/C) Workings			
(iii) Reclaimed/rehabilitated			
(iv) Used for waste disposal			
(v) Occupied by plant, buildings, residential, welfare buildings & roads			
(vi) Used for any other purpose (specify)			
(vii) Work done under progressive mine closure plan during the year			
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)			

PART - II (Employment & Wages)

1.Number of technical and supervisory staff employed at the mine		
Description	Wholly employed	Partly employed

(i)	Graduate Mining Engineer							
(ii)	Diploma Mining Engineer							
(iii)	Geologist							
(iv)	Surveyor							
(v)	Other administrative clerical and technical supervisory staff							
Total:-								
2.(i) Number of days the mine worked:								
(ii) No. of shifts per day:								
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately		Reasons	No of days					
3.(i) Employment of Labour and wages paid:-								
Maximum number of persons employed on any one day during the year:								
(i) In workings below ground on(a).....								
(ii) In all in the mine on(a).....								
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary bills for the year
	Direct	Contract	Total		Male	Female	Total	
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
A. Below Ground								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
B. Opencast workings :								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground :								
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)								
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.								
(iii) Others								
Total:								

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000)..... (in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(vii) Land***						
(ii) Building:						
Industrial						

Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			

2. Royalty and Rents (in '000 Rs.):			
X		Paid for current year	Paid towards past arrears
(a) Royalty			
(b) Dead rent			
(c) Surface rent			

3. Compensation paid for felling trees during the year (in Rs)

4. Depreciation on fixed assets Rs

5. Taxes and cesses			
X		Amount in Rs. paid during the year to:	
X		Central Govt.	State Govt.
(i) Sales Tax			
(ii) Welfare cess			
(iii) Other taxes & cesses:-			
(a) Mineral cess			
(b) Cess on dead rent			
(c) Others (please specify)			

6. Other expenses:			
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid to workmen			

(iv) Payment made to professional agencies	
--	--

Part –IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Estimated requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)
1.Gun Powder	kg.				
2.Nitrate Mixture	kg.	X	X	X	X
a.Loose ammonium nitrate					
b.Ammonium nitrate in cartridged form					
3.Nitro compound	Kg.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7.Fuse	Mts	X	X	X	X
(a)Safety Fuse					
(b)Detonating Fuse					
8.Plastic ignition cord	Mts				
9.Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

(i) Size Range

(ii) Principal constituents

(iii) Subsidiary Constituents

2.(a) Name of rock/mineral excavated and disposed as waste:

(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:

(c) Typical analysis of mineral reject(s)

Item	1.	2.	3.	4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)
Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
------	--------	-----------------------------	----------------

Drilling
Trenching
Pitting

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
(i) Quantity back filled		
(ii) Quantity disposed of in external dumps		

4.3 Underground:

(a) Driving (metres) in ore:
 (b) Cross Cutting/Footwall Drives (in barren) (Metres) :
 (c) Winzing (metres):
 (d) Raising (metres):
 (e) Shaft sinking (metres):
 (f) Stope preparation (metres):
 (g) Tonnage of ore blocked for stoping (tonnes):
 (h) Quantity of waste removed (tonnes):
 (i) Quantity of mineral rejects generated with grade (tonnes):

Within lease area	Outside lease area
-------------------	--------------------

4.4 i) Number of trees planted during the year

ii) Survival rate in percentage

5. Type and aggregate Horse Power of Machinery: Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Details of any new machinery added during the year may be furnished with cost.

Type of machinery	Capacity of each unit	No.of units	H.P. of each unit	Electrical/non electrical (specify)	Used in opencast/ underground(specify)

6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.

(ii) If you have laboratory facilities for R & D and if so, give a brief description:

7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

Item	Tonnage	Average Grade
Feed:		
Concentrates :		
By-products/Co-products:		
Tailings:		

8. Furnish surface and/or underground plans and sections as prepared and brought upto date (as required under rule 28 of MCDR)

9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

1.R.O.M production:-

Category	Unit of quantity	Quantity
i)Opencast		
ii)Underground		

(If there are different types of R.O.M. production, separate figures should be furnished for each type of R.O.M indicating in each case the appropriate unit of quantity.)

2. Production, stocks and despatches:-

	Gem Variety				Industrial		Others	
	Rough and uncut stones		Cut and Polished Stones		No of stones	Qty @	No of stones	Qty @
	No of stones	Qty @	No of stones	Qty @				
A. Opening stocks								
i)From Opencast Working								
ii)From underground working								
TOTAL (Production)								
C.Despatches								
D.Closing Stocks								
E.Ex mine Price*								

(@The Unit of quantity viz. Carats/Grams/Kilogram etc. as the case may be should be indicated under quantity.)

*This should be estimated for all the stones produced during the month whether sold or not on the basis of average sale price obtained for sales made during the month. In case no sales are made Ex-pit-head, the ex-mine price should be arrived at after deducting the actual expenses incurred from the pit-head to the point of sale, from the sale price realised.

3. Details of Deductions used for computation of Ex-Mine price (Rs/unit):

Deduction claimed	(in Rs/ unit)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

4. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade#	Nature of Despatch	For Domestic Consumption	For export

	(indicate whether for Sale or Captive consumption or Export)	Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value(R s.)

#Grades:- i)Gem Variety a) Rough and uncut stones b) Cut and Polished Stones; ii) Industrial iii)Others

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices

5. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

-
-
-

6. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

-
-
-

PART-VII: COST OF PRODUCTION

Cost of production per unit of ore/mineral produced;unit of quantity as reported in Part VI

	Item	Cost per unit
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-8

For the financial year 1st April, 20__ to 31st March,20__

ANNUAL RETURN

[See rule 45(3) (b)(viii)]

(Read the instructions carefully before filling the particulars)

To

- (i) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

- (ii) The State Government

PART – I (General)

1. Details of Mine:			
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the mine owner/ agent/ mining engineer/ manager signing the return)			
(b) Mine Code			
(c) Name of the Mineral			
(d) Name of Mine			
(e) Name(s) of other mineral(s), if any, produced from the same mine			
2. Location of the Mine :			
Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:		E-mail:	
Phone no:			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Name of Person			
Street/Village			
Post Office			
Tahsil/Taluk			
District			
State and PIN Code			
Fax no:		E-mail:	
Phone No:			
4. Registered Office of the Lessee			
5. Director in charge :			
6. Agent :			
7. Manager :			
8. Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferer (previous owner) if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (v) lease-wise in case mine workings cover more than one lease)			
(i) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(ii) Date of execution of mining lease deed			
(iii) Period of lease			
(iv) Area for which surface rights are held (hectares)			
(v) Date and period of renewal (if applicable)			
(vi) In case there is more than one mine in the same lease area, indicate name of mine and mineral produced			
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under forest	Outside forest
(i) Already exploited & abandoned by opencast (O/C) mining			
(ii) Covered under current (O/C) Workings			
(iii) Reclaimed/rehabilitated			
(iv) Used for waste disposal			
(v) Occupied by plant, buildings, residential, welfare buildings & roads			
(vi) Used for any other purpose (specify)			
(vii) Work done under progressive mine closure plan during the year			
13. Ownership/exploiting Agency of the mine: (Public Sector/Private Sector/Joint Sector)			

PART - II (Employment & Wages)

1. Number of technical and supervisory staff employed at the mine								
Description	Wholly employed			Partly employed				
(i) Graduate Mining Engineer								
(ii) Diploma Mining Engineer								
(iii) Geologist								
(iv) Surveyor								
(v) Other administrative clerical and technical supervisory staff								
Total:-								
2.(i) Number of days the mine worked:								
(ii) No. of shifts per day:								
(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations, etc.) and the number of days of work stoppage for each of the factors separately .				Reasons			No of days	
3.(i) Employment of Labour and wages paid:-								
Maximum number of persons employed on any one day during the year:								
(i) In workings below ground on(a).....								
(ii) In all in the mine on(a).....								
Classification	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary bills for the year
	Direct	Contract	Total		Male	Female	Total	
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
A. Below Ground								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
B. Opencast workings :								
i) Foreman and mining mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground :								
(i) Clerical & Supervisory Staff. (excluding the superior supervisory staff.)								
(ii) Workers in any Attached factory, Workshop or mineral dressing plant.								
(iii) Others								
Total:								

3. (ii) Total salaries paid to technical and supervisory staff employed in the mine during the year (in Rs.) _____

PART-II A (Capital Structure)

1. Value of Fixed Assets* (Rs.'000)..... (in respect of the mine, beneficiation plant, mine, work-shop, power and water installation)						
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)-(4+5)	Estimated market value**
1	2	3	4	5	6	7
(viii) Land***						
(ii) Building:						
Industrial						
Residential						
(iii) Plant and Machinery including transport equipment						
iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.(As prescribed under Income Tax Act)						
Total						

* In case the fixed assets are common to more than one mine, furnish combined information for all such mines together in any one of the mines return and also indicate the names of other mines in which the information relates in the form provided above. In the returns for other mines, give only a cross reference to the particular mine's return where-in the information is included.

** Optional and may be furnished in respect of items (i),(ii) and (iii) if the mine owner desires.

*** Including any non recurring expenditure incurred on the acquisition of land.

2. Source of Finance (as at the end of the year) :-	
(i) Paid up Share Capital (Rs.'000)	
(ii) Own Capital (Rs.'000)	
(iii) Reserve & Surplus (All Types)	
(iv) Long Term loans outstanding	

Indicate the names of the leading institutions such as State Finance Corporation, Industrial Development and other Public Corporations, Co-operative Banks, Nationalised Banks and other sources along with the amount of loan from each source and the rate of interest at which loan has been taken.

3. Interest and Rent (in Rs.'000)	
(i) Interest paid during the year	
(ii) Rents (excluding surface rent) paid during the year	

PART - III (Consumption of Materials)

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (Rs.)
(i) Fuel			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Kerosene	Ltrs.		
(e) Gas	Cu.M.		
(ii) Lubricant			
(a) Lubricant oil	Ltrs.		
(b) Grease	kgs.		
(iii) Electricity			
(a) Consumed	Kwh		
(b) Generated	Kwh		
(c) Sold	Kwh		
(iv) Explosives (furnish full details in Part IV)			
(v) Tyres	Nos.		
(vi) Timber & Supports			
(vii) Drill roads & kits	Nos.		
(viii) Other spares & stores			

2. Royalty and Rents (in ' 000 Rs.):		
X	Paid for current year	Paid towards past arrears
(a) Royalty		
(b) Dead rent		
(c) Surface rent		
3. Compensation paid for felling trees during the year (in Rs)		
4. Depreciation on fixed assets Rs		
5. Taxes and cesses		
X	Amount in Rs. paid during the year to:	

X	Central Govt.	State Govt.
(i) Sales Tax		
(ii) Welfare cess		
(iii) Other taxes & cesses:-		
(a) Mineral cess		
(b) Cess on dead rent		
(c) Others (please specify)		
6. Other expenses:		
(i) Overheads		
(ii) Maintenance		
(iii) Money value of other benefits paid to workmen		
(iv) Payment made to professional agencies		

Part –IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)	Item	Unit	Capacity
2. Total production during the year (Tonne):			
3. Overburden removed:			

Classification of Explosives	Unit	Quantity consumed during the year		Estimated requirement during the next year	
		Small dia. (upto 32 mm)	Large dia. (above 32 mm)	Small dia. (upto 32 mm)	Large dia. (above 32 mm)
1. Gun Powder	kg.				
2. Nitrate Mixture	kg.	X	X	X	X
a. Loose ammonium nitrate					
b. Ammonium nitrate in cartridged form					
3. Nitro compound	Kg.				
4. Liquid Oxygen soaked cartridges	Kg.				
5. Slurry explosives (Mention different trade names)	Kg.				
6. Detonators	Nos	X	X	X	X
i) Ordinary					
ii) Electrical		X	X	X	X
(a) Ordinary					
(b) Delay					
7. Fuse	Mts	X	X	X	X
(a) Safety Fuse					
(b) Detonating Fuse					
8. Plastic ignition cord	Mts				
9. Others (specify)	(Mention the unit)				

Different sizes of soaked liquid oxygen cartridges to be equivalent kg. as per manufacturer's instruction.

PART – V (General Geology & Mining)
(Details on items 1,2,6 & 7(i) may be given once in 5 years)

1. Mineral(s) worked and their characteristics : (In case more than one mineral is worked, the information asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a separate sheet and attached with the return)

(a) Name of mineral :

(b) Type of ore (Tick mark whichever is applicable)

- (i) Lump
- (ii) Fines
- (iii) Friable
- (iv) Granular
- (v) Platy
- (vi) Fibrous
- (vii) Any other (specify), Powdery etc.

(c) Quality:

Chemical Analysis of Typical Grades Produced

Constituent	Grade			
	1	2	3	4

-
- (i) Size Range
(ii) Principal constituents
(iii) Subsidiary Constituents
-

- 2.(a) Name of rock/mineral excavated and disposed as waste:
(b) Name(s) of the ore/mineral excavated but not sold i.e., mineral reject:
(c) Typical analysis of mineral reject(s)
-

Item 1. 2. 3. 4.

Mineral reject

3. Reserves and Resources estimated at the end of the year.

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)
Total Mineral Resources (A + B)			
A. Mineral Reserve			
1. Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
1. Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
5. Inferred Mineral Resource	333		
6. Reconnaissance Mineral Resource	334		

Note.- For the removal of doubts, the classification terms and codes mentioned in this Form shall have the same meaning as assigned to them in the Guidelines issued by Indian Bureau of Mines in this regard.

4. Mining Operations during the year:

4.1. Exploration

Item	Number	Meterage (as applicable)	Grid/Dimension
------	--------	-----------------------------	----------------

Drilling
Trenching
Pitting

4.2 Opencast

(A) Details of Benches (Separately for mechanised and manual sections)

	In ore	In OB/Waste
(i) Number of Benches		
(ii) Average height (metres)		
(iii) Depth of the deepest working from adjacent ground (M):		

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

(C) Total quantity of Overburden/Waste removed during the year (tonnes)

	During the year	Cumulative so far
--	-----------------	-------------------

(i) Quantity back filled
(ii) Quantity disposed of in external dumps

4.3 Underground:

- (a) Driving (metres) in ore:
(b) Cross Cutting/Footwall Drives (in barren) (Metres) :
(c) Winzing (metres):
(d) Raising (metres):
(e) Shaft sinking (metres):
(f) Stope preparation (metres):
(g) Tonnage of ore blocked for stoping (tonnes):
(h) Quantity of waste removed (tonnes):
(i) Quantity of mineral rejects generated with grade (tonnes):

	(d) Below 30% CaF ₂
Graphite	(a) with 80 per cent or more fixed carbon
	b) with 40 per cent or more but less than 80 per cent fixed carbon
	c) with less than 40% fixed carbon
Kaolin/China clay, Ball clay, White shale, White clay	a) Crude (Natural)
	b) Processed
Kyanite	(a) 40% Al ₂ O ₃ & above
	(b) Below 40% Al ₂ O ₃
Limestone	a) LD, and
	(b) SMS/Chemical
	(c) BF/Cement
Rock Phosphate/ Phosphorite	a) 30- 35% P ₂ O ₅
	b) 25- 30 % P ₂ O ₅
	c) 20-25% P ₂ O ₅
	d) 15-20% P ₂ O ₅
Talc/Steatite/Soapstone	(a) Insecticide (filler) grade
	(b) Other than insecticide (filler) grade

3(i) In case the mineral is being pulverized in own factory, please give the following particulars:-

Grade	Total quantity of mineral Pulverized(in tonnes)	Total quantity of pulverized mineral produced (for each mesh size)		Total Quantity of pulverized mineral sold during the year		
		Mesh size	Quantity (tonne)	Mesh size	Quantity (tonne)	Ex-factory Sale value(Rs.)

3(ii) Average cost of pulverization :Rs _____ per tonne.

4. Details of Deductions used for computation of Ex_mine price (Rs/Metric Tonne)

Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)		
b) Loading and Unloading charges		
c) Railway freight ,if applicable (indicate destination and distance)		
d) Port Handling charges/export duty(indicate name of port)		
e) Charges for Sampling and Analysis		
f) Rent for the plot at Stocking yard		
g) Other charges(specify clearly)		
Total (a) to (g)		

5. Sales/ Despatches effected for Domestic Consumption and for Exports:

Grade	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	For Domestic Consumption			For export		
		Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value(Rs.)

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five despatches in terms of Quantity, for the remaining consolidated figure

shall be reported with details of despatches as annexure.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices.

6. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.

- a)
- b)
- c)

7. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral),if any, during the month compared to the previous month.

- a)
- b)
- c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

	Item	Cost Per metric tonne
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
	Total	

Note: Information given under Part VI will be kept confidential, if required. The Government, however, will be free to utilize the information for general studies without revealing the identity or working cost of the firm.

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Place:
Date:

Signature
Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager".

- 4. In the Schedule in the principle rules, Form F-9, Form G and Form H-9 shall stand omitted.
- 5. In the principle rules, in the Schedule, after Form L the following Forms shall be inserted,-

“FORM-M

(Application for registration under Rule 45 of MCDR for undertaking mining or prospecting or reconnaissance operations, or trading or storage or end use or export of minerals)

Note:-If there is any change after registration in any of the fields, the form may be updated accordingly and informed to the Controller General, Indian Bureau of Mines

To,

**The Controller General
Indian Bureau of Mines
Nagpur- 440001**

(Application to be filed through the respective Regional Office of Indian Bureau of Mines under whose jurisdiction the State or Union Territory in which the mining or prospecting or reconnaissance operations, or trading or storage or end use or export of minerals is being undertaken, falls)

- 1. ***Category of applicant:** (Please tick mark below)
 - Individual
 - Association of individuals
 - Firm
 - Company registered under Companies Act.
- 2. ***Type of business/activity:** (Please tick mark options given below, multiple options permitted)
 - Mining
 - Trading of minerals

- Storage of minerals
- End-user of minerals (including consumption from captive mines)
- Export of minerals

3. Details of the applicant:

(a) In case of individual applicant (includes owner, agent, mining engineer or manager of every mine):

(i)	Name	Shri / Smt. (First name) / (Middle name) / (Last name)
(ii)	Position in mine (please tick mark the option)	<input type="radio"/> Owner <input type="radio"/> Agent <input type="radio"/> Mining engineer <input type="radio"/> Manager
(iii)	Address	(Door number/ building number/ plot number)
	Block	(street number / block number)
	Taluka	
	District	
	State / U.T	
	Pin code	
(iv)	Telephone	Office : Fax : Residence : Mobile :
(v)	PAN number	
(vi)	Voter ID number	
(vii)	Passport number / driving licence number	

(b) In case of association of individuals:

(i)	Name of Association, or name of the Signing authority of association																					
(ii)	Address	(Door number/ building number/ plot number)																				
	Block	(street number / block number)																				
	Taluka																					
	District																					
	State / U.T																					
	Pin code																					
(iii)	Telephone	Office : Fax : Residence : Mobile :																				
(iv)	Details of Associates	<table border="1"> <thead> <tr> <th>Name</th> <th>Pan number</th> <th>Voter ID number</th> <th>Citizenship</th> <th>Passport number / driving licence number (if available)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Pan number	Voter ID number	Citizenship	Passport number / driving licence number (if available)															
Name	Pan number	Voter ID number	Citizenship	Passport number / driving licence number (if available)																		

(c) In case of a Firm:

(i)	Name of Firm	
(ii)	Address	(Door number/ building number/ plot number)
	Block	(street number / block number)
	Taluka	
	District	
	State / U.T	
	Pin code	
(iii)	Telephone	Office : Fax : Residence : Mobile :

(iv)	Details of partners in the Firm	Name of partner	Pan number	Voter ID number	Citizenship	Passport number / driving licence number (if available)
(v)	Registration number of Firm (as registered under Indian Partnership Act, 1932)					
(vi)	Name of the State where registered					
(vii)	Date of registration	(dd/mm/yyyy)				

(d) In case of a company:

(i)	Name of Company					
(ii)	Corporate Address					
	State / U.T					
	Pin code					
(iii)	Telephone	Office : Fax :				
(iv)	Details of Directors in the Company	Name	Pan number	Voter ID number	Citizenship	Passport number / driving licence number (if available)
(v)	Registration number of Company (as registered under Indian Companies Act, 1956)					
(vi)	Name of the State where registered					
(vii)	Date of registration	(dd/mm/yyyy)				
(viii)	Details of Officer responsible for conduct of business of the Company	Name				
		Designation				
		Address				
		Phone no	Office: Residence: Mobile:			
		PAN no.				
		Voter ID no.				
		Passport no. / Driving licence no.				

4. Please give details of mines held at the time of applying for registration, if any, by the Individual/ Association of Individuals / Firms or Company.

Sl. No.	Name of the mine	Mine code assigned by IBM

(Attach extra sheet, if required)

5. Please give details of prospecting licence held at the time of applying for registration, if any, by the Individual/ Association of Individuals / Firms or Company.

Sr. No	Location of PL area						Area held under PL (in ha.)	Name of Minerals	Date of grant	Period	Date of execution of licence
	Village	Taluka	District	State	Latitude (ddmm ss)	Longitude (dd mm ss)					

(Attach extra sheet, if required)

5. Please give details of reconnaissance licence held at the time of applying for registration, if any, by the Individual/ Association of Individuals / Firms or Company.

Sr. No	Location of RP						Area held under RP (in ha)	Name of Minerals	Date of grant	Period	Date of execution of licence
	Villages	Talukas	Districts	State	Latitude (ddmm ss)	Longitude (dd mm ss)					

(Attach extra sheet, if required)

6. If engaged in mineral trading/ storage and export, please give details of storage facilities owned at the time of applying for registration.

Sr. No.	Location(s) of area used for storage						Area Owned/ held under rent (In hectares)	Mineral Name	Remarks
	Village	Taluka	District	State	Latitude (ddmm ss)	Longitude (ddmms s)			

7. If engaged in production or manufacturing through a mineral based industry, please give details of mineral consumption:

Sr. No.	Location(s) of plant where mineral is used						Name of the plant	Mineral consumed	Average consumption per year	Remarks
	Village	Taluka	District	State	Latitude (ddmm ss)	Longitude (ddmms s)				

VERIFICATION

I, -----S/o / D/o / W/o----- age ----- occupation----- resident of ----- village/town/city post office----- police station ----- taluka----- district----- state----- certify that the information furnished above is complete and correct in all respects.

Place:
Date:

Signature:
Name in full:

**Not to be filled by the applicant
(For internal use of the Indian Bureau of Mines)**

Registration Number assigned by IBM:

Random Number

FORM N
For the month of _____20
MONTHLY RETURN
[See Rule 45(4)(i)]

- To,
(i) The State Government

(ii) The Regional Controller of Mines
Indian Bureau of Mines
_____Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the area/mine falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

INSTRUCTIONS FOR FILLING UP THE FORM

1. Quantity to be reported in tonnes.
2. Value to be reported in rupees only.
3. Registration number means the registration number allotted by Indian Bureau of Mines to the mine owner/ agent/ mining engineer/ manager of a mine or to a trader/ stockist / end-use mineral based industry / exporter.
4. Ore grade for various minerals, as given in the form, to be strictly used while reporting.

GENERAL PARTICULARS

Registration No (allotted by IBM)	
Name of activity(s) reported (Tick whichever is/are applicable)	(a) Trading
	(b) Export
	(c) End-use
	(d) Storage

DETAILS OF THE ACTIVITY

(a) Trading Activity

Grade-wise ore/mineral/metal/scr ap	Openin g stock	Ore purchased during the month (within the country)			Ore imported during the month		Ore despatched during the month			Closing stock
		Registratio n number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantit y (in tonnes)	Valu e (in Rs.)	Quantit y (in tonnes)	Valu e (in Rs.)	Registratio n number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantit y (in tonnes)	Valu e (in Rs.)	
	Quantit y (in tonnes)									Quantit y (in tonnes)

(b) Export of ore

Grade-wise ore/mineral/metal/scr ap	Openin g stock	Ore procured during the month for export (from within the country)	Ore imported during the month	Ore despatched for exports during the month	Closing stock
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Quantity (in tonnes)	Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)

(c) **End-use mineral based activity**

Grade-wise ore/mineral/metal /scrap	Opening stock	Ore purchased during the month (within the country)			Ore imported during the month		Ore consumed during the month		Ore sold during the month			Closing stock
		Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantity (in tonnes)	Value (in Rs.)	

(d) **Storage Activity**

Grade-wise ore/mineral/metal/scrap	Opening stock	Ore received during the month (within the country)			Ore imported during the month		Ore despatched during the month			Closing stock
		Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the person/company to whom ore despatched (to indicate separately if more than one person/company)	Quantity (in tonnes)	Value (in Rs.)	

VERIFICATION

I, -----S/o / D/o / W/o----- age ----- occupation----- resident of ----- village/town/city post office----- police station ----- taluka----- district----- state----- certify that the information furnished above is complete and correct in all respects.

Place:
Date:

Signature:
Name in full:

Grades of ore to be used for the purpose of reporting in Form N

Sl no.	Mineral grade
1	Iron ore
	(a) Below 55%-Lumps
	(b) 55% to below 58%-Lumps
	(c) 58% to below 60%-Lumps
	(d) 60% to below 62%-Lumps
	(e) 62% to below 65%-Lumps
	(f) 65% and above-Lumps
	(g) Below 55%-Fines
	(h) 55% to below 58% -Fines
	(i) 58% to below 60%-Fines
	(j) 60% to below 62%-Fines
	(k) 62% to below 65%-Fines
	(l) 65% and above-Fines
	(m)concentrates
2	Manganese (as a percent. of manganese content in ore)
	(a) Below 25%
	(b) 25% to below 35%
	(c) 35% to below 46%
	(d) 45% and above
	(e) Dioxide ore
	(f) Concentrates
3	Bauxite (for use in alumina and aluminium extraction)
	(a) Below 40%
	(b) 40% to below 45%
	(c) 45% to below 50%
	(d) 50% to below 55%
	(e) 55% to below 60%
	(f) 60% and above
	Bauxite (for use in other than alumina and aluminium extraction)
	(a) Cement
	(b) Abrasive
	(c) Refractory
	(d) Chemical
4	Chromite
	(a) Below 40% Cr ₂ O ₃ - Lumps
	(b) 40% to below 52 % Cr ₂ O ₃ - Lumps
	(c) 52% Cr ₂ O ₃ and above - Lumps
	(d) Below 40% Cr ₂ O ₃ - Fines
	(e) 40% to below 52 % Cr ₂ O ₃ - Fines
	(f) 52% Cr ₂ O ₃ and above - Fines
	(g) Chemical grade
	(h) Concentrates
5	Copper/Gold/Lead/Tin/Tungsten/Zinc
	(a) In case of Ore - Grade based on the percent. of metal in ore
	(b) In case of concentrate - Grade based on the percent. of metal in concentrate
	(c) Metal
6	Mica
	(a) Crude Mica
	(b) Dressed Mica
7	Gem and precious stones
	(a) Rough and uncut stones
	(b) Cut and polished stones
	(c) Industrial grade
	(d) Others
8	Asbestos
	a)Amphibole
	b)Chrysotile

9.	Phosphorite
	a)30- 35% P2O5
	b) 25- 30 % P2O5
	c) 20-25% P2O5
	d) 15-20% P2O5
10	Barytes
	(a) White (including snow-white)
	(b) Off colour
11	Fluorite/Fluorspar
	(a) 85% CaF2 and above
	(b) 70 to below85% CaF2
	(c) 30 to below 70% CaF2
	(d) Below 30% CaF2
12	Graphite
	(a) with 80 per cent or more fixed carbon
	(b) with 40 per cent or more but less than 80 per cent fixed carbon
	(c)with less than 40% fixed carbon
13	Kaolin/China clay, Ball clay, White shale, White clay
	a) Crude (Natural)
	b) Processed
14	Kyanite
	(a) 40% Al2O3 & above
	(b) Below 40% Al2O3
15	Limestone
	a) LD, and
	(b) SMS/Chemical
	(c) BF/Cement
16	Talc/Steatite/Soapstone
	(a) Insecticide (filler) grade
	(b) Other than insecticide (filler)

Note: In case of minerals, not mentioned above, the grades as occurring may be reported.

FORM O
For the month of _____20
ANNUAL RETURN
[See Rule 45(4)(ii)]

To,

(i) The State Government

(ii) The Regional Controller of Mines
Indian Bureau of Mines
_____ Region,

PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the area falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules, 1988)

(iii) The Chief Mineral Economist

INSTRUCTIONS FOR FILLING UP THE FORM

5. Quantity to be reported in tonnes.
 6. Value to be reported in rupees only.
 7. Registration number means the registration number allotted by Indian Bureau of Mines to the mine owner/ agent/ mining engineer/ manager of a mine or to a trader/ stockist / end-use mineral based industry / exporter.
 8. Ore grade for various minerals, as given in the form, to be strictly used while reporting.
- (e) Item 5 related to raw materials consumed may be filled up by all end use industry and iron& steel industry also.

1. GENERAL PARTICULARS

Registration No (allotted by IBM)	
Name of activity(s) reported <i>(Tick whichever is/are applicable)</i>	(a) Trading
	(b) Export
	(c) End-use
	(d) Storage

2. STATEMENT ON DETAILS OF THE ACTIVITY UNDERTAKEN IN THE FINANCIAL YEAR ENDING 20 _
(a) Trading Activity:

Grade-wise ore/mineral/metal/scrap	Opening stock	Ore purchased during the year (within the country)			Ore imported during the year		Ore despatched during the year			Closing stock
		Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantity (in tonnes)	Value (in Rs.)	

(b) Export of ore:

Grade-wise ore/mineral/metal/scrap	Opening stock	Ore procured during the year (within the country)			Ore imported during the year		Ore exported during the year			Closing stock
		Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantity (in tonnes)	Value (in Rs.)	

(c) End-use mineral based activity:

Grade-wise ore/mineral/metal/scrap	Opening stock	Ore procured during the year (within the country)			Ore imported during the year		Ore consumed during the year		Ore sold during the year			Closing stock
		Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantity (in tonnes)	Value (in Rs.)	

(d) Storage activity:

Grade-wise ore/mineral/metal/scrap	Opening stock	Ore received during the year	Ore imported during the year	Ore despatched during the year	Closing stock

	Quantity (in tonnes)	Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)	Value (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the person/company to whom ore despatched (to indicate separately if more than one person/company)	Quantity (in tonnes)	Value (in Rs.)	Quantity (in tonnes)

3. INFORMATION REGARDING END-USE MINERAL BASED INDUSTRIES (OTHER THAN IRON AND STEEL INDUSTRY)

NOTE:

- (a) **ONLY END-USE MINERAL BASED INDUSTRY TO RESPOND TO THIS SECTION**
(b) **INFORMATION TO BE GIVEN SEPARATELY FOR EACH INDUSTRY AND EACH UNIT**

- (i) **Name of Industry :**
(ii) (a) **Location :** (b) **District :** (c) **State :**
(iii) **Details on products manufactured with their capacities and production :**

Products	Annual installed capacity during the year 20__ (in Metric tonnes)	Production	
		Previous financial year (in Metric tonnes)	Present financial year (in Metric tonnes)
(1)	(2)	(3)	(4)
FINISHED PRODUCTS			
i)			
ii)			
iii)			
INTERMEDIATE PRODUCTS			
i)			
ii)			
BY-PRODUCTS			
(i)			
(ii)			

- (iv) **Expansion programme undertaken and progress made during the year :**
(v) **Expansion programme/Plan envisaged for future :**
(vi) **Research & Development programme carried out during the year (give details) :**

4. INFORMATION REGARDING IRON & STEEL INDUSTRY

(All data to be given on Financial year basis)

- (i) Name of Company
(ii) **Name of Plant :**
(iii) **Location :**
(iv) **Products manufactured with their licenced capacity and production:**

Products	Installed capacity in present financial year (in tonnes per annum)	Production		Remarks
		Previous financial year	Present financial year	
(a) Sinter i) Self fluxing ii) Ordinary				

(b) Pellets				
(c) i) Clean coal ii) Coke (own production)				
(d) Pig iron i) Hot metal (total) ii) Hot metal for own consumption. iii) Pig iron for sale				
(e) i) Sponge Iron ii) Hot Briquetted Iron				
(f) Steel i) Liquid Steel/ Crude Steel ii) Total Saleable Steel a) Semi-finished Steel b) Finished Steel				
(g) Tin plates				
(h) Sulphuric acid				
(i) Refractories/bricks (specify details)				
(j) Fertilizers (please specify)				
(k) Any other product/by-product				

Coke purchased for previous year and present year:

Expansion programme undertaken and progress made during the year :

Expansion programme/Plan envisaged for future :

Research & Development programme carried out during the year (give details) :

5. **DETAILS OF RAW MATERIALS CONSUMED IN PRODUCTION (including Electricity, Coal, and Petroleum products)**

Raw material	Actual Consumption (In metric tonnes)		Estimated requirement (In metric tonnes)	
	Previous financial year	Present financial year	Next financial year	Next to Next financial year
(1)	(2)	(3)	(4)	(5)
a.				
b.				
c.				
d.				
e.				
f.				
g.				
h.				
i.				
j.				
k.				
l.				

6 **Source of supply**

Mineral/Ore/Metal/Ferro-alloy	Indigenous/Imported								
	Name & address of supplier	Source of supply (mine/area)	Indicate the distance of mine/rail to plant (in km.)	Transportation cost per tonne Rail/Road	Quantity (metric tonnes.)	Price per metric tonnes at factory site	Name & complete address of supplier (country wise)	Quantity purchased (metric tonnes)	Cost per metric tonne at factory site
a.									
b.									
c.									
d.									

VERIFICATION

I, -----S/o / D/o / W/o----- age ----- occupation----- resident of ----- village/town/city post office----- police station ----- taluka----- district----- state----- certify that the information furnished above is complete and correct in all respects.

Place:

Signature:

Date:

Name in full:

Grades of ore to be used for the purpose of reporting in Form O

Sl no.	Mineral grade
1	Iron ore
	(a) Below 55% -Lumps
	(b) 55% to below 58% -Lumps
	(c) 58% to below 60% -Lumps
	(d) 60% to below 62% -Lumps
	(e) 62% to below 65% -Lumps
	(f) 65% and above-Lumps
	(g) Below 55% -Fines
	(h) 55% to below 58% -Fines
	(i) 58% to below 60% -Fines
	(j) 60% to below 62% -Fines
	(k) 62% to below 65% -Fines
	(l) 65% and above-Fines
	(m) concentrates
2	Manganese (as a percent. of manganese content in ore)
	(a) Below 25%
	(b) 25% to below 35%
	(c) 35% to below 46%
	(d) 45% and above
	(e) Dioxide ore
	(f) Concentrates
3	Bauxite (for use in alumina and aluminium extraction)
	(a) Below 40%
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	Bauxite (for use in other than alumina and aluminium extraction)
	(a) Cement
	(b) Abrasive
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	(d) Chemical
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	(a) Below 40% Cr ₂ O ₃ - Lumps
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	(c) 52% Cr ₂ O ₃ and above - Lumps
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	(g) Chemical grade
	(h) Concentrates
5	Copper/Gold/Lead/Tin/Tungsten/Zinc
	(a) In case of Ore - Grade based on the percent. of metal in ore
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	(c) Metal
6	Mica
	(a) Crude Mica
	(b) Dressed Mica
7	Gem and precious stones
	(a) Rough and uncut stones
	(b) Cut and polished stones
	(c) Industrial grade

	(d) Others
8	Asbestos
	a) Amphibole
	b) Chrysotile
9	Phosphorite
	a) 30- 35% P ₂ O ₅
	b) 25- 30 % P ₂ O ₅
	c) 20-25% P ₂ O ₅
	d) 15-20% P ₂ O ₅
10	Barytes
	(a) White (including snow-white)
	(b) Off colour
11	Fluorite/Fluorspar
	(a) 85% CaF ₂ and above
	(b) 70 to below 85% CaF ₂
	(c) 30 to below 70% CaF ₂
	(d) Below 30% CaF ₂
12	Graphite
	(a) with 80 per cent or more fixed carbon
	(b) with 40 per cent or more but less than 80 per cent fixed carbon
	(c) with less than 40% fixed carbon
13	Kaolin/China clay, Ball clay, White shale, White clay
	a) Crude (Natural)
	b) Processed
14	Kyanite
	(a) 40% Al ₂ O ₃ & above
	(b) Below 40% Al ₂ O ₃
15	Limestone
	a) LD, and
	(b) SMS/Chemical
	(c) BF/Cement
16	Talc/Steatite/Soapstone
	(a) Insecticide (filler) grade
	(b) Other than insecticide (filler)

Note: In case of minerals, not mentioned above, the grades as occurring may be reported.”

-sd-

(G. Srinivas)

Joint Secretary to Government of India
(F.No. 16/148/2009-MVI)

Footnote:- The principal rules were notified in the Official Gazette under G.S.R. 1023(E) dated 24th October 1988 and were amended vide notification numbers G.S.R. 227(E) dated 22nd April 1991, G.S.R. 580(E) dated 4th August 1995, G.S.R. 55(E) dated 17th January 2000, G.S.R. 774(E) dated 25th September 2000, G.S.R. 22(E) dated 11th January 2002, G.S.R. 330(E) dated 10th April 2003, G.S.R. 338(E) dated 17th April 2003, and G.S.R.216 (E) dated 29th March 2010.