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	(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.

- 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 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
(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 (2A)	Contract (2B)	Total (2C)		Male (4A)	Female (4B)	Total (4C)	
(1)				(3)				(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)

I. 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 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) Piaty
- (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)

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
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	(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.

- 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 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)

- (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)			

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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)	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
(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:		

104/c

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) Slope 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 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

Graphite	(d) Below 30% CaF ₂ (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) L.D. 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