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)		
(iiii) 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 despaches 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	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
(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

Item	Number	Meterage	Grid/Dimension (as applicable)
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)		
(iiii) 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 Al_2O_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 despaches 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, 1958)

(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	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
(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	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	Grid/Dimension (as applicable)
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)		
(iiii) 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