

FORM G1

[See rule 45(5) (c) (i)]

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

ANNUAL RETURN

[To be used for minerals other than Copper, Gold, Lead, Pyrites, Tin, Tungsten, Zinc and precious and semi-precious stones]

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 <i>(to give registration number of the Lessee/Owner)</i>	
(b) Mine Code (allotted by Indian Bureau of Mines)	
(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	
PIN Code	
Fax no:	E-mail:
Phone no:	Mobile:
3. Name and address of Lessee/Owner (along with fax no. and e-mail):	
Name of Lessee/Owner	
Address	
District	
State	
PIN Code	
Fax no:	E-mail:
Phone No:	Mobile:
4. Registered Office of the Lessee:	
5. Director in charge :	

6. Agent :			
7. Manager :			
8. Mining Engineer in charge:			
9. Geologist in charge :			
10. Transferor (previous owner), if any, and date of transfer:			
11. Particulars of area operated/Lease (Furnish information on items (i) to (vi) lease-wise in case mine workings cover more than one lease)			
(i) Lease number allotted by the State Government.....			
(ii) Area under lease (hectares):			
Under Forest			
Outside Forest			
Total			
(iii) Date of execution of mining lease deed			
(iv) Period of lease			
(v) Area for which surface rights are held (hectares)			
Under Forest			
Outside Forest			
Total			
(vi) Date and period of renewal (if applicable)			
(vii) 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 and 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 and 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 and Wages)

1. Number of 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 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. Employment and salary/wages paid #:

Maximum number of persons employed on any one day during the year:								
(i) In workings below ground on (date).....(a) (number).....								
(ii) In all in the mine on (date).....(a) (number).....								
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 for the year (₹)
	Direct	Contract	Total		Male	Female	Total	
(1)	2(A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
Below Ground								
Opencast								
Above Ground								
Total:								

To include all employees exclusive to the mine and attached factory, workshop or mineral dressing plant at the mine site

PART-II A (Capital Structure)

1. Value of Fixed Assets* (₹.....)						
(in respect of the mine, beneficiation plant, mine work-shop, power and water installation)						
In case this information is furnished as combined information in another mine's return please specify Mine Code/Mine Name:						
Description	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 mine's return. 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 (at the end of the year) :		
(i) Paid up Share Capital (₹)		
(ii) Own Capital (₹)		
(iii) Reserve and Surplus (All Types)(₹)		
(iv) Long Term loans outstanding (#)(₹)		
Name of the Institution/Source	Amount of Loan (₹)	Rate of Interest

(#) Indicate the names of the lending 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 (₹)	
(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 (₹)
(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 and Supports			
(vii) Drill rods and kits	Nos.		
(viii) Other spares and stores			
2. Royalty, Rents and Payments made to DMF and NMET (₹):			
X		Paid for current year	Paid towards past arrears
(a) Royalty			

(b) Dead rent		
(c) Surface rent		
(d) Payment made to DMF		
(e) Payment made to NMET		
3. Compensation paid for felling trees during the year (₹)		
4. Depreciation on fixed assets (₹)		
5. Taxes and cesses		
X	Amount in Rupees paid during the year to:	
X	Central Govt.	State Govt.
(i) Sales Tax		
(ii) Welfare cess		
(iii) Other taxes and 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)

Licensed capacity of magazine: (specify unit separately in kg/tonne, numbers, metres)		Item	Unit	Capacity	
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	No.s	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 reported in equivalent kg. as per manufacturer's instruction.

PART-V (General Geology and Mining)

(Items 2 and 3 to be submitted separately for each mineral)

1. Exploration

1(i) Exploration activities during the year:

		At the beginning of the year	During the year	Cumulative	Grid spacing/ Dimension
Drilling	No of holes				
	Metrage				
Pitting	No of pits				
	Excavation (in m ³)				
Trenching	No of trenches				
	Excavation (in m ³)				
	Length covered (in metre)				
Expenditure on exploration (₹)					X

1(ii). Any other exploration activity during the year:

2. Reserves and Resources estimated (in tonnes).

Classification	Code	At the beginning of the year 1.4.20___ as per latest approved mining plan/ scheme	Assessed during the year	Depletion of reserves during the year	Balance resources as on 31.3.20_____
(1)	(2)	(3)	(4)	(5)	(6)= (3+4-5)
A. Mineral Reserve					
1. Proved Mineral Reserve	111				
2. Probable mineral Reserve	121				
	122				
3. Total Reserves					
B. Remaining Resources					
1. Feasibility mineral Resource	211				
2. Prefeasibility mineral resource	221				
	222				
3. Measured mineral resource	331				
4. Indicated mineral resource	332				
5. Inferred mineral resource	333				
6. Reconnaissance mineral resource	334				
7. Total remaining Resources					
Total (A+B)					

3. Subgrade-Mineral Reject (in tonnes)

(Information to be given in respect of mineral fractions generated and stacked/ dumped below cut-off grade and above threshold value, if prescribed, having no immediate sale value)

Generation of subgrade-mineral reject (in tones)	At the beginning of the year	Generated during the year	Disposed during the year	Total stacked at the end of the year	Average grade of the mineral reject generated
from unprocessed ore					
from processed ore					

4. Overburden and Waste (in m³)

(Information to be given in respect of overburden/ waste and mineral fractions generated below threshold value, if prescribed)

At the beginning of the year	Generated during the year	Disposed in dumps during the year	Backfilled during the year	Total at the end of the year

5. Trees planted/ survival rate

Description	Within lease area	Outside lease area
i) Number of trees planted during the year		
ii) Survival rate in percentage		
iii) Total no. of trees at the end of the year		

6. Type 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.

Type of machinery	Capacity of each type of machinery	Unit (in which capacity is reported)	No. of machinery	Electrical/ Non-electrical (specify)	Used in opencast/ underground (specify)

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

(ii) Furnish following information:

Item	Tonnage	Average Grade
Feed:		
Concentrates/processed products :	(mention name)	
By-products/Co-products:	(mention name)	
Tailings:		

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

(To be submitted separately for each mineral)

(Unit of Quantity in Tonnes)

1. Type of ore produced:

(Applicable for Iron ore only; 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) Underground Workings			
(c) Dump workings			

3(i) Grade-wise ROM ore despatches from mine head (\$):

Grade of ROM@	Despatches from mine-head	Ex-mine Price (₹)

(\$): Applicable for iron ore and chromite only. For other minerals data of despatches to be reported in 3(ii)

3(ii) Grade-wise Production, Despatches, Stocks and Ex-mine prices:

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

3(iii) 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 (₹)

3(iv) Average cost of pulverization (*) : ₹ _____ per tonne.

(*): *Not applicable for Iron ore, Manganese ore, Bauxite and Chromite*

4. Details of deductions made from sale value for computation of Ex-mine price (₹/ Tonne)

Deduction claimed #	Amount (in ₹/ 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)		

Not applicable for captive dispatches and ex-mine sales

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

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

(^): To indicate the grades of ores as mentioned below (see @ and **)

To indicate separately if more than one buyer.

NOTE:- Mine owners are required to substantiate domestic sale value/ FOB value for each grade of ore quoted above with copy of invoices (not to be submitted with the return; to be produced whenever required).

6. Give reasons for increase/decrease in production/nil production, if any, during the year compared to the previous year.

a)

b)

7. Give reasons for increase/decrease in grade wise ex-mine price, if any, during the year compared to the previous year.

a)

b)

PART-VII: COST OF PRODUCTION
Cost of production per tonne of ore/mineral produced

Sl.No.	Item	Cost per tonne (₹)
(i)	Direct Cost	
	(a) Exploration	
	(b) Mining	
	(c) Beneficiation(Mechanical Only)	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vi)	Payments made to DMF	
(vii)	Payments made to NMET	
(viii)	Taxes	
(ix)	Dead Rent	
(x)	Others (specify)	
	Total	

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

VERIFICATION

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

Place:

Date:

Owner/Agent/

Signature

Name in full:

Designation:

Mining Engineer/Manager

@Grades of ROM ore dispatched:

MINERAL	GRADES
Iron ore	a) Below 51% Fe ROM
	b) 51% to below 55% Fe ROM
	c) 55% to below 58% Fe ROM
	d) 58% to below 60% Fe ROM
	e) 60% to below 62% Fe ROM
	f) 62% to below 65% Fe ROM
	g) 65% and above Fe ROM
Chromite	a) Below 40% Cr ₂ O ₃ ROM
	b) 40% to below 52 % Cr ₂ O ₃ ROM
	c) 52% and above Cr ₂ O ₃ ROM

****Grades of minerals to be reported in the above tables are as given below. (If separate grades are not mentioned below, report the mineral name against grade):**

MINERAL	GRADES
Iron ore	(i) Lumps:
	a) Below 51% Fe
	b) 51% to below 55% Fe
	c) 55% to below 58% Fe
	d) 58% to below 60% Fe
	e) 60% to below 62% Fe
	f) 62% to below 65% Fe
	g) 65% and above Fe
	(ii) Fines:
	a) Below 51% Fe
	b) 51% to below 55% Fe
	c) 55% to below 58% Fe
	d) 58% to below 60% Fe
	e) 60% to below 62% Fe
	f) 62% to below 65% Fe
	g) 65% and above Fe
	(iii) Concentrates
	(iv) Calibrated Lump Ore (CLO) <i>(Quantity already reported in Lumps should not be reported against CLO)</i>

	a) Below 62% Fe (CLO any size)
	b) 62% to below 65% Fe (5-18 mm size CLO)
	c) 62% to below 65% Fe (10-40 mm size CLO)
	d) 62% to below 65% Fe (CLO others)
	e) 65% and above Fe (5-18 mm size CLO)
	f) 65% and above Fe (10-40 mm size CLO)
	g) 65% and above Fe (CLO others)
Manganese Ore	(i) Ore
	a) Below 25% Mn
	b) 25% to below 35% Mn
	c) 35% to below 46% Mn
	d) 46% and above Mn
	e) Dioxide ore
	(ii) Concentrates
Bauxite	(i) For use in alumina and aluminium extraction:- (Please also furnish the actual averages of the ore falling within the following ranges of grades):
	a) Below 40% Al_2O_3
	b) 40% to below 45% Al_2O_3
	c) 45% to below 50% Al_2O_3
	d) 50% to below 55% Al_2O_3
	e) 55% to below 60% Al_2O_3
	f) 60% and above Al_2O_3
	(ii) For use other than alumina and aluminium metal extraction
	a) Cement
	b) Abrasive
	c) Refractory
	d) Chemical
Chromite	(i) Lumps
	a) Below 40% Cr_2O_3
	b) 40% to below 52 % Cr_2O_3
	c) 52% and above Cr_2O_3
	(ii) Fines
	a) Below 40% Cr_2O_3
	b) 40% to below 52 % Cr_2O_3
	c) 52% and above Cr_2O_3
	(iii) Concentrates
Asbestos	a) Amphibole
	b) Chrysotile
Fluorite/Fluorspar	a) 80% and above CaF_2
	b) 70% to below 80% CaF_2
	c) 30% to below 70% CaF_2

	d) Below 30% CaF ₂
Graphite	a) With 80% or more fixed carbon
	b) With 40 % or more fixed carbon but less than 80% fixed carbon
	c) With 20% or more fixed carbon but less than 40% fixed carbon
	d) With less than 20% fixed carbon
Kyanite	a) 40% and above Al ₂ O ₃
	b) Below 40% Al ₂ O ₃
Limestone	a) LD Grade (less than 1.5% silica content)
	b) SMS
	c) BF
	d) Chemical
	e) Cement
Rock Phosphate/ Phosphorite	a) Above 30% P ₂ O ₅
	b) Above 25% to 30% P ₂ O ₅
	c) Above 20% to 25% P ₂ O ₅
	d) Upto 20% P ₂ O ₅