

## MINES AND MINERALS (REGULATION AND DEVELOPMENT) RULES, 1957

**1. Details of the Mine: (a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee- Owner) (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 (D Location of the Mine : Village Post Office Tahsil-Ta1uk District State PIN Code Fax No. . Phone No.. E-mail: Mobile: 2. Name and address of Lessee-Owner (along with fax no. and e-mail): Name of Lessee-Owner Address District State PIN Code E-mail: Fax No.. Phone No.. Mobile: 3. Details of Rent- Royalty - Dead Rent- DMF -NMET amount paid in the month (i) Rent paid (ii) Royalty paid (e ) (iii) Dead Rent paid (0 (iv) Payment made to the DMF (v) Payment made to the NMET (O 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 Work place Male Below ground Opencast Above ground Total Direct Female Male Contract Female Direct Total Salary-wages (0 Contract # To include all employees exclusive to the mine and attached factory, workshop or mineral dressing plant at the mine 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 month Mesh size Quantity (tonne) Mesh size Quantity (tonne) Ex-factory Sale value Deduction claimed # 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) Amount ( in Tonne) Remarks Grade Nature of Despatch (indicate whether Domestic Sale or Domestic Transfer or Captive consumption or Export) Registration number as allotted by the Indian Bureau of Mines to the buyer ## For Domestic Purposes Consignee Quantity name ## For export Country Quantity Sale value (0 F.O.B Value (0 MINERAL Iron ore Chromite GRADES a) Below Fe ROM b) to below 55% Fe ROM c) to below Fe ROM d) to below Fe ROM e) to below Fe ROM D to below Fe ROM g) 65% and above Fe ROM a) Below Cr203 ROM b) to below 52 % Cr203 ROM c) 52% and above Cr203 ROM MINERAL Iron ore GRADES (i) Lumps: a) Below 51% Fe b) 51% to below 55% Fe c) to below Fe d) 58% to below 60% Fe e) 60% to below 62% Fe f) to below Fe g) 65% and above Fe (ii) Fines: a) Below Fe b) to below Fe c) 55% to below 58% Fe d) to below Fe Manganese Ore Bauxite Chromite e) 60% to below 62% Fe f) 62% to below 65% Fe g) 65% and above Fe (iii) Concentrates (iv) Calibrated Lump Ore (CLO) (Quantity already reported in Lumps should not be reported against CLO) a) Below 62% Fe (CLO any size) b) 62% to below 65% Fe (5-18 mm size CLO) c) to below 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) and above Fe (10-40 mm size CLO) g) 65% and above Fe (CLO others) (i) Ore a) Below Mn b) 25% to below 35% Mn c) 35% to below 46% Mn d) 46% and above Mn e) Dioxide ore (ii) Concentrates (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 A1203 b) to below 45% A1203 c) 45% to below 50% A1203 d) 50% to below 55% A1203 e) to below A1203 f) 60% and above A1203 (ii) For use other than alumina and aluminium metal extraction a) Cement b) Abrasive c) Refractory d) Chemical (i) Lumps a) Below 40% Cr203 b) to below 52 % cr203 c) 52% and above Cr203 Asbestos Fluorite-Fluorspar Graphite Kyanite Limestone Rock Phosphate- Phosphorite (ii) Fines a) Below cr203 b) to below 52 % cr203 c) 52% and above Cr203 (iii) Concentrates a) Amphibole b) Chrysotile a) 80% and above CaF2 b) to below caF2 c) to below caF2 d) Below caF2 With 80% or more fixed carbon a) 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 a) 40% and above A1203 b) Below A1203 a) LD Grade (less than 1.5% silica content) b) SMS d) Chemical e) Cement Above P205 a) b) Above 25% to P205 Above to P205 c) d) Upto P205**

**1. Details of the Mine: (a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee- Owner) (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 (D Location of the Mine : Village Post Office Tahsil-Taluk District State PIN Code Fax**

**No. . Phone No.. E-mail: Mobile: 2. Name and address of Lessee-Owner (along with fax no. and e-mail):** Name of Lessee-Owner Address District State PIN Code Fax No.. Phone No.. E-mail: Mobile: 3. Details of Rent- Royalty - Dead Rent- DMF -NMET amount paid in the month (i) Rent paid (e ) (ii) Royalty paid (iii) Dead Rent paid (Z) (iv) Payment made to the DMF (O (v) Payment made to the NMET 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 Work place Male Below ground Opencast Above ground Total Direct Female Male Contract Female Direct Total Salary-Wages Contract Opening stocks Quantity Metal content/ grade A. From Underground workings i) From Development ii) From Stoping B. From Opencast workings Total Production Quantity Metal content/ grade Closing stocks Quantity Metal content/ grade Concentrates \* Obtained Tailings Metal content/ grade Closing stocks of concentrates at the concentrator-plant Quantity Metal content/ grade Value Quantity Quantity Metal content/ grade \*In case of any leaching method adopted, give quantity recovered and grade contained separately. 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 Closing stocks of concentrate at the Smelter-Plant Metals(\*) recovered (specify) Other by-products, if any, recovered Quantity Metal content/ grade Quantity Metal content/ grade Quantity Grade Value uantity Grade Value lead ( \* ) Please give category-wise break-up viz. blister, fire refined copper, cathodes, electrolytic copper wire bars, ingots, zinc cathodes, zinc dross, gold, tungsten etc. Metal- Product Opening stocks of Metals-Products Quantity Grade Place of sale Metals-Products sold(@) Closing stocks of Metals- Products Quantity Grade Value(#) Quantity Grade 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 Grade (ore- Conc.) Nature of Despatch (indicate whether Domestic Sale or Domestic Transfer or Captive consumption or Export) For Domestic Purposes Consignee Quantity name ## For export Quantity Registration number as allotted by the Indian Bureau of Mines to the buyer ## Sale value (0 Country F.O.B Value

**1. Details of the Mine: (a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee- Owner) (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 (f) Location of the Mine : Village Post Office Tahsil-Taluk District State PIN Code Fax No. . Phone No.. E-mail: Mobile: 2. Name and address of Lessee-Owner (along with fax no. and e-mail):** Name of Lessee-Owner Address District State PIN Code Fax No.. Phone No.. E-mail: Mobile: 3. Details of Rent- Royalty - Dead Rent- DMF -NMET amount paid in the month (i) Rent paid € ) (ii) Royalty paid (iii) Dead Rent paid (iv) Payment made to the DMF (v) Payment made to the NMET (t) 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 Work place Male Below ground Opencast Above ground Total Direct Female Male Contract Female Direct Total Salary-Wages € ) Contract Gem Variety Industrial Rough and uncut stones No. of Qty @ stones A .Opening stocks B. Production i)From Opencast Working ii)From underground working TOTAL (Production) C. Despatches D. Closing Stocks E. Ex-mine Price Cut and Polished Stones No. of stones Qty @ No. of stones Qty @ Others No. of stones Qty @ Deduction claimed# 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) Amount ( in e- Unit) Remarks Captive the buyer ## consumption or Export)

**1. Details of Mine: (a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee-Owner) (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.. Phone No.. E-mail: 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.. 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. Transferor (previous owner), if any, and date of transfer: 11. Particulars of area operated-Lease E-mail: Mobile: (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): (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) Under forest Outside forest Total 1 .Number of supervisory staff employed at the mine Description (i) Graduate Mining Engineer (ii) Diploma Mining Engineer (iii) Geologist (iv) Surveyor (v) Other administrative and technical supervisory staff 2.(i) Number of days the mine worked: (ii) No. of shifts per day: Total: Wholly employed Reasons Partly employed No. of days (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 . 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 Classification (1) Below Ground Opencast Above Ground Total: (date).....(a) ( number)..... Total number of man days worked during the year No. of days worked during the year (3) Average daily number of persons employed Direct Contract Total Male Female 4(B) Total 4(C) Total Wages - Salary for the I year (5)

**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 1 (i) Land (ii) Building: Industrial Residential (iii) Plant and Machinery including transport equipment iv) Capitalised Expenditure such At the beginning of the year 2 Additions during the Year 3 Sold or discarded during the year 4 Depreciation during the year 5 Net closing Balance (0 (2+3)- (4+5) 6 Estimated market value \* 7 as pre-production exploration, development, major overhaul and repair to machinery etc. prescribed under Income Tax Act) Total:**

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

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

**2. Royalty, x (a) Royalty Rents and Payments made to DMF and NMET Paid for current year Paid towards past arrears (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 (t) 4. Depreciation on fixed assets € ) 5. Taxes and cesses x x (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 (O: Amount in Rupees paid during the year to: Central Govt. State Govt. (i) (ii) (iii) (iv) Overheads Maintenance Money value of other benefits paid to workmen Payment made to professional agencies Licensed capacity of magazine: (specify unit separately in kg-tonne, numbers, metres ) Item Unit Capacity Estimated requirement during the next year Classification Explosives I .Gun Powder of Unit Kg. Kg. Kg. Kg. Kg. Quantity consumed during the year**

Small dia. (upto 32 mm) x Large dia. (above 32 mm) x Small dia. (upto 32 mm) x Large dia. (above 32 mm) x 2. Nitrate Mixture a. Loose ammonium nitrate b. Ammonium nitrate in cartridge form 3. Nitro compound 4. Liquid Oxygen soaked cartridges 5. Slurry explosives (Mention different trade names)

**6. Detonators i) Ordinary ii) Electrical (a) Ordinary (b) Delay 7. Fuse (a) Safety Fuse (b) Detonating Fuse 8. Plastic ignition cord 9. Others (specify) No.s** Mts Mts (Mention the unit) x x x x x x x x x x x x  
During the year Drilling Pitting Trenching At the beginning of the year No of holes Metrage No of pits  
Excavation (in m<sup>3</sup>) No of trenches Excavation (in m) Length covered (in metre) Cumulative Expenditure  
on exploration (Z) Grid spacing- Dimension x Classification (1) A. Mineral Reserve 1. Proved Mineral  
Reserve Code (2) 111 At the beginning of the year 1.4.20 as per latest approved mining plan- scheme (3)  
Assessed during the year (4) Depletion of reserves during the year (5) Balance resources as on 31.3.20  
(3+4-5)

**2. Probable mineral Reserve 3. Total Reserves B. Remaining Resources 1. Feasibility mineral Resource**  
2. Prefeasibility mineral resource 3. Measured mineral resource 4. Indicated mineral resource 5. Inferred  
mineral resource 6. Reconnaissance mineral resource 7. Total remaining Resources Total (A+B) 121 122  
211 221 222 331 332 333 334 Generation of sub- grade-mineral reject (in tonnes) from unprocessed ore  
from processed ore 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 Item Feed: Concentrates-  
processed products : By-products-Co-products: Tailings: Tonnage (mention name) (mention name)  
Average Grade Grades \* \* Opening stock mine- head at Production Despatches from mine-head Closing  
stock at mine-head Ex-mine price ( -Tonne) 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 Ex-factory Sale value( ) (tonne)  
Deduction claimed # 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) Amount ( in Tonne) Remarks  
Grade Nature of Despatch (indicate whether Domestic Sale or Domestic Transfer or Captive consumption  
or Export) Registration number as allotted by the Indian Bureau of Mines to the buyer ## For Domestic  
Purposes Consignee Quantity name ## Sale value (O Country For export Quantity F.O.B Sl. No. (ii) (iii)  
(iv) (v) (vi) (vii) (viii) (ix) (x) Item Direct Cost (a) Exploration (b) Mining (c) Beneficiation (Mechanical  
Only) Over-head cost Depreciation Interest Royalty Payments made to DMF Payments made to NMET  
Taxes Dead Rent Others (specify) Total Cost per tonne MINERAL Iron ore Chromite GRADES a) Below  
Fe ROM b) to below 55% Fe ROM c) 55% to below Fe ROM d) to below Fe ROM e) to below 62% Fe  
ROM f) to below FeROM g) and above Fe ROM a) Below Cr<sub>2</sub>O<sub>3</sub> ROM b) to below 52 % Cr<sub>2</sub>O<sub>3</sub> ROM c)  
and above Cr<sub>2</sub>O<sub>3</sub> ROM MINERAL Iron ore GRADES (i) Lumps: a) Below Fe b) 51% to below 55% Fe c)  
to below Fe d) to below 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) to below 55% Fe c) 55% to below Fe d) 58% to below 60% Fe e) 60% to  
below 62% Fe Manganese Ore Bauxite Chromite f) 62% to below 65% Fe g) 65% and above Fe (iii)  
Concentrates (iv) Calibrated Lump Ore (CLO) (Quantity already reported in Lumps should not be reported  
against CLO) 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) to below Fe (CLO others) e) 65% and above Fe (5-18 mm size  
CLO) f) 65% and above Fe (10-40 mm size CLO) g) and above Fe (CLO others) (i) Ore a) Below 25% Mn  
b) to below Mn c) 35% to below 46% Mn d) 46% and above Mn e) Dioxide ore (ii) Concentrates (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 Al<sub>2</sub>O<sub>3</sub> b) 40% to below 45% Al<sub>2</sub>O<sub>3</sub> c) to below Al<sub>2</sub>O<sub>3</sub> d) to  
below 55% Al<sub>2</sub>O<sub>3</sub> e) 55% to below 60% Al<sub>2</sub>O<sub>3</sub> f) 60% and above Al<sub>2</sub>O<sub>3</sub> (ii) For use other than alumina  
and aluminium metal extraction a) Cement b) Abrasive c) Refractory d) Chemical (i) Lumps a) Below  
cr<sub>2</sub>O<sub>3</sub> b) to below 52 % cr<sub>2</sub>O<sub>3</sub> c) 52% and above Cr<sub>2</sub>O<sub>3</sub> Asbestos Fluorite-Fluorspar Graphite Kyanite  
Limestone Rock Phosphate- Phosphorite (ii) Fines a) Below cr<sub>2</sub>O<sub>3</sub> b) to below 52 % cr<sub>2</sub>O<sub>3</sub> c) 52% and  
above Cr<sub>2</sub>O<sub>3</sub> (iii) Concentrates a) Amphibole b) Chrysotile a) 80% and above CaF<sub>2</sub> b) to below caF<sub>2</sub> c) to  
below caF<sub>2</sub> d) Below caF<sub>2</sub> a) With 80% or more fixed carbon With 40 % or more fixed carbon but less  
than 80% fixed carbon b) With 20% or more fixed carbon but less than 40% fixed carbon c) d) With less

than 20% fixed carbon a) 40% and above A1203 b) Below A1203 a) LD Grade (less than 1.5% silica content) b) SMS d) Chemical e) Cement a) Above P205 b) Above to P205 c) Above to P205 d) Upto P205

**1. Details of Mine: (a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee-Owner) (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.. Phone No.. E-mail: 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.. 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 : E-mail: Mobile: **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): (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) Under forest Outside forest Total **I .** Number of supervisory staff employed at the mine Description (i) Graduate Mining Engineer (ii) Diploma Mining Engineer (iii) Geologist (iv) Surveyor (v) Other administrative and technical supervisory staff **2.** (i) Number of days the mine worked: (ii) No. of shifts per day: Total: Wholly employed Reasons Partly employed No. of days (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 . 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 Classification (1) Below Ground Opencast Above Ground Total: (date).....(a) ( number)..... Total number of man days worked during the year No. of days worked during the year (3) Average daily number of persons employed Direct Contract Total Male Female **4(B) Total 4(C) Total Wages - Salary for the year (5)**

**1. Value of Fixed Assets\* (Z (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 1 (i) Land\*\*\* (ii) Building: Industrial Residential (iii) Plant and Machinery including transport equipment iv) Capitalised Expenditure such At the beginning of the year 2 Additions during the Year 3 Sold or discarded during the year 4 Deprec- iation during the year 5 Net closing Balance (2+3)- (4+5) 6 Estimated market value \*\* 7 as pre-production exploration, development, major overhaul and repair to machinery etc. (As prescribed under Income Tax Act) Total:**

**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

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

**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): (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) Under forest Outside forest Total (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 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 Classification (1) Below Ground Opencast Above Ground Total: (date).. . ....(a) ( number).... Total number of man days worked during the year No. of days worked during the year (3) Average daily number of persons employed Direct Contract Total Male Female Total 4(C) Total wages - Salary for the year (5) # To include all employees exclusive to the mine and attached factory, workshop or mineral dressing plant at the mine

**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 1 (i) Land\*\*\* (ii) Building: Industrial Residential (iii) Plant and Machinery At the beginning of the year 2 Additions during the Year 3 Sold or discarded during the year 4 Deprec- iation during the year 5 Net closing Balance (0 (2+3)-(4+5) 6 Estimated market 7 including transport equipment iv) Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc. 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

**2. Source of Finance ( at the end of the year ) :** (i) Paid up Share Capital (Z) (ii) Own Capital (O (iii) Reserve and Surplus (All (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

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

**2. Royalty, Rents and Payments made to DMF and NMET (O: x (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 (Z) Paid for current year Paid towards past arrears 4. Depreciation on fixed assets (e ) 5. Taxes and cesses x x (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 (O: Central Govt. Amount in Rupees paid during the year to: State Govt. (i) (ii) (iii) Overheads Maintenance Money value of other benefits paid to workmen 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 Estimated requirement during the next year Classification Explosives I .Gun Powder of Unit Kg. Quantity consumed during the year Small dia. (upto 32 mm) Large dia. (above 32 mm) Small dia. Large dia. (upto 32 mm) (above 32 mm) 2.Nitrate Mixture a. Loose ammonium nitrate b. Ammonium nitrate in cartridged form 3. Nitro compound 4. Liquid Oxygen soaked cartridges 5.Slurry explosives (Mention different trade**



Number Location of RP Unique Villages number assigned by IBM Talukas Cadastral survey or Khasra Number Latitude (ddmm ss) Area held under (in ha) Longitude (dd mm ss) Name of Minerals Date of Period grant Date of execution of licence Districts State Topo-sheet number Location(s) of area used for storage Area Owned- held under rent (In hectares) Mineral Name Remarks Sr.No. Village Taluka District State Latitude (ddmmss) Longitude (ddmmss) Sr. No. Village Location(s) of plant where mineral is used Name of the plant Mineral consumed Average consumption per year Remarks Taluka District State Latitude (ddmmss) Longitude (ddmmss) VERIFICATION Registration No ( allotted by IBM) Name and Address Plant Name-Storage location, if available Latitude and Longitude Name of activity(s) reported (Tick whichever is applicable) (a) (b) (c) (d) Trading Export End-use Storage Mineral-Ore Grade of mineral- ore # Opening stock Quantity Ore purchased during the month (within the country) Registration number Quantity as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier) Ore imported during the month Ore dispatched during the month Closing stock Quantity Value (in ) Country month Quantity Value (in ) Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) Quantity Value (in ) Mineral-Ore Grade of mineral- ore # Opening stock Quantity Ore procured during the month for export (from within the country) Ore imported during the month Ore exported during the month Country the month Quantity Value Country Quantity Value Closing stock Quantity Registration Quantity number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier) Value Mineral- Ore Grade of mineral- ore Opening stock Ore procured during the month (within the country) Ore imported during the month Ore consumed Ore dispatched during the month month Closing stock Value during the month Quantity Value Quantity Registration number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier) Registration number as allotted by the Indian Bureau of Mines to the person-company to whom ore dispatched (to indicate separately if more than one person-company) Quantity Value (in MINERAL Iron ore GRADES (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) (Quantity already reported in Lumps should not be reported against CLO) 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) (v) ROM ore 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 (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 (i) For use in alumina and aluminium extraction:- a) Below A1203 b) 51% to below 55% A1203 c) 55% to below 58% A1203 d) 58% to below 60% A1203 e) 60% to below 62% A1203 f) 62% to below 65% A1203 g) 65% and above A1203 (ii) For use other than alumina and aluminium metal extraction a) b) c) Cement Abrasive Refractory Chromite Asbestos Fluorite-Fluorspar Graphite Kyanite Limestone Rock Phosphate- Phosphorite Precious and semi- precious stones d) Chemical (i) Lumps a) Below 40% Cr2O3 b) 40% to below 52 % Cr2O3 c) 52% and above Cr2O3 (ii) Fines a) Below 40% Cr2O3 b) 40% to below 52 % Cr2O3 c) 52% and above Cr2O3 (iii) Concentrates (iv) ROM ore a) Below 40% Cr2O3 b) 40% to below 52 % Cr2O3 c) 52% and above Cr2O3 a) Amphibole b) Chrysotile a) 80% and above CaF2 b) 40% to below 80% CaF2 c) 20% to below 40% CaF2 d) Below 20% CaF2 With 80% or more fixed carbon a) 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 With less than 20% fixed carbon d) 40% and above A1203 a) b) Below A1203 a) LD Grade (less than 1.5% silica content) b) SMS d) Chemical e) Cement a) Above P205 Above 25% to P205 Above to 25% P205 Upto P205 a) Rough and uncut stones b) Cut and polished stones c) Industrial d) Others Mineral- Ore Grade of mineral- ore # Opening stock Quantity Ore purchased during the year (within the country) Registration Quantity Value number as allotted by the Indian Bureau of Mines to the supplier (to indicate

Ore imported during the year Closing year Country Quantity Value stock Value  
 Quantity Registration Quantity number as allotted by the Indian Bureau of Mines to the buyer (to indicate  
 Mineral Ore Grade of mineral- ore # Opening stock Quantity Ore procured during the year for export  
 (from within the country) Registration Quantity Value number as (in Z) allotted by the Indian Bureau of  
 Mines to the supplier (to indicate separately if more than one supplier) Ore imported during Ore exported  
 during the the year Country Quantity Value year Country Quantity Closing stock Quantity Value (in e)  
 Mineral- Ore Grade o mineral- ore # Opening stock Quantity Ore procured during the year (within the  
 country) Registration uantity Value number as allotted by the Indian Bureau of Mines to th supplier (to  
 indicate separately i more than one supplier) Ore imported during the year Country Quantity Value Ore  
 consumed during the year Quantity Value Ore despatched during the year Closing stock Registration  
 Quantity Value Quantity number as allotted by the Indian Bureau of Mines to the buyer (to indicate  
 separately if more than one buyer) (d) Storage Activity Mineral Ore Grade of mineral- ore # Opening stock  
 Quantity Ore received during the year (within the country) Ore imported during the year Ore despatched  
 during the year Country Quantity Closing stock Quantity Registration number as allotted by the Indian  
 Bureau of Mines to the supplier (to indicate separately if more than one supplier) Quantity Value Value (in  
 Z) 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 Value Production (in  
 tonnes) Products 1) FINISHED PRODUCTS i) INTERMEDIATE PRODUCTS i) BY-PRODUCTS i)  
 Annual installed capacity during the year (in tonnes) (2) Previous financial year (3) Present financial year  
 (4) Expansion programme undertaken and progress made during the year Products (a) Sinter i)Self fluxing  
 ii)Ordinary (b) Pellets (c) Coal i)Clean coal Installed capacity (in tonnes) Production ( in tonnes) Previous  
 financial year Remarks Present financial year ii)Coke (own production) (d) Pig iron i)Hot metal (total) ii)  
 Hot metal for own consumption. iii)Pig iron for sale (e) Sponge Iron (f) Hot Briquetted Iron (g) Steel i)  
 Liquid Steel- Crude Steel ii) Total Saleable Steel a) Semi-finished Steel b) Finished Steel (h) Tin plates (i)  
 Sulphuric acid (j) Refractories-bricks (k) Fertilizers (l) Any other product-by-product Coke purchased (in  
 tonnes) previous year present year (iv) Expansion programme undertaken and progress made during the  
 year: Actual Consumption\* Mineral- Ore- Metal- Ferro- alloy Raw Material Physical Specification (1)  
 Estimated Requirement\* Chemical Specification Previous financial year Indigenous Imported (2) Present  
 financial year Indigenous Imported (3) Next financial year (4) Next to Next financial year (5) \* Quantity to  
 be reported in tonnes. If not please specify the unit. Type@ Mineral- Ore- Metal- Ferro- alloy Name and  
 address of supplier Source of supply (mine or area) Mine District Code Indi Indicate the distance of mine-  
 rail to plant (in km) enous Transportation cost per unit by Rail-Road Quantity\* Price per unit at factory  
 site (in 1m Name and complete address of supplier (country wise) orted Quantity purchased Cost per unit  
 at factory site Mode Cost pe unit (in Address Country MINERAL Iron ore GRADES (i) Lumps: a) Below  
 Fe b) 51% to below 55% Fe c) 55% to below 58% Fe d) to below Fe e) 60% to below 62% Fe f) 62% to  
 below 65% Fe g) 65% and above Fe (ii) Fines: a) Below Fe b) to below Fe c) 55% to below 58% Fe d)  
 58% to below 60% Fe e) to below Fe f) 62% to below 65% Fe g) 65% and above Fe (iii) Concentrates (iv)  
 Calibrated Lump Ore (CLO) (Quantity already reported in Lumps should not be reported against CLO) 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) (v) ROM ore a) Below 51%  
 Fe Manganese Ore Bauxite Chromite Asbestos b) 51% to below 55% Fe c) to below Fe d) to below Fe e)  
 60% to below 62% Fe f) 62% to below 65% Fe g) 65% and above Fe (i) Ore a) Below 25% Mn b) to  
 below Mn c) 35% to below 46% Mn d) 46% and above Mn e) Dioxide ore (ii) Concentrates (i) For use in  
 alumina and aluminium extraction:- a) Below A1203 b) to below A1203 c) 45% to below A1203 d) 50%  
 to below 55% A1203 e) to below A1203 f) 60% and above A1203 (ii) For use other than alumina and  
 aluminium metal extraction a) Cement b) Abrasive c) Refractory d) Chemical (i) Lumps a) Below cr203 b)  
 40% to below 52 % Cr203 c) 52% and above Cr203 (ii) Fines a) Below 40% Cr203 b) to below 52 %  
 cr203 c) 52% and above Cr203 (iii) Concentrates (iv) ROM ore a) Below Cr203 b) to below 52 % Cr203  
 c) 52% and above Cr203 a) Amphibole b) Chrysotile Fluorite-Fluorspar Graphite Kyanite Limestone Rock  
 Phosphate- Phosphorite Precious and semi- precious stones a) 80% and above CaF2 b) to below caF2 c) to  
 below caF2 d) Below caF2 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 40% and above A1203 a) b) Below A1203 a) LD Grade (less than 1.5% silica content)  
b) SMS d) Chemical e) Cement a) Above P205 b) Above 25% to P205 c) Above to P205 d) Upto P205 a)  
Rough and uncut stones b) Cut and polished stones c) Industrial d) Others."

