

No. 641

NEW DELHI, WEDNESDAY, FEBRUARY 9, 2011/MAGHA 20, 1932

MINISTRY OF MINES NOTIFICATION

New Delhi, 9th February 2011

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

- 1. (1) These rules may be called the Mineral Conservation and Development (Amendment) Rules, 2011.
- (2) They shall come into force on the date of their publication in the Official Gazette.
- 2. In the Mineral Conservation and Development Rules, 1988 (hereinafter referred to as the principal rules), for rule 45, the following rule shall be substituted, namely:-
- "45. Monthly and annual returns-(1) The owner, agent, mining engineer or manager of every mine, or any person or company engaged in trading or storage or end-use or export of minerals mined in the country, shall cause himself to be registered with the Indian Bureau of Mines as per application specified in Form M and the registration number so allotted by the Indian Bureau of Mines shall be used for all purposes of reporting and correspondence connected therewith.
- (2) For the purpose of registration under sub-rule (1), the owner, agent, mining engineer or manager of every mine, or any person or company engaged in trading or storage or end-use or export of minerals, shall apply for registration within one month from the date of commencement of these rules.
- (3) The Indian Bureau of Mines shall allot and record the registration number in a register containing the details on a consecutive identity number (*in numeric form*), followed by letters 'M' and 'T', for a mine or a person or company engaged in trading or storage or end-use or export of minerals, as the case may be, the year of registration and the name of State.
- (4) The Indian Bureau of Mines shall maintain a register giving details of the owner, agent, mining engineer or manager of every mine, or any person or company engaged in trading or storage or end-use or export of minerals, as the case may be, as registered under the provisions of these rules, which shall be made available to the general public for inspection on demand, and also posted on the website of the Indian Bureau of Mines.
- (5) The owner, agent, mining engineer or manager of every mine, shall submit to the Regional Controller of Mines in the Indian Bureau of Mines or any other authorised official of the Indian Bureau of Mines, returns in respect of each mine, in the following manner, namely:-

- (a) a monthly return which shall be submitted before the 10th of every month in respect of preceding month in the Form as indicated below:-
 - (i) for iron ore in Form F-1;
 - (ii) for manganese ore in Form F-2;
 - (iii) for bauxite and laterite in Form F-3;
 - (iv) for chromite in Form F-4;
 - (v) for copper, lead, zinc, pyrites, gold, tin and tungsten in Form F-5;
 - (vi) for mica in Form F-6
 - (vii) for precious and semi-precious stones in Form F-7;
 - (viii) for all other minerals in Form F-8;
- (b) an annual return which shall be submitted before the 1st July each year for the preceding financial year in the Form as indicated below:-
 - (i) for iron ore in Form H-1;
 - (ii) for manganese ore in Form H-2;
 - (iii) for bauxite and laterite in Form H-3;
 - (iv) for chromite in Form H-4;
 - (v) for copper, lead, zinc, pyrite, gold, tin and tungsten in Form H-5;
 - (vi) for mica in Form H-6;
 - (vii) for precious and semi-precious stones in Form H-7;
 - (viii) for all other minerals in Form H-8:

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

- (6) Any person or company engaged in trading or storage or end-use or export of minerals, shall submit to the Indian Bureau of Mines and concerned State Government, where the said person or company is sourcing the minerals, the returns in the following manner, namely:-
 - (i) a monthly return which shall be submitted before the 10th of every month in respect of preceding month in Form N;
 - (ii) an annual return which shall be submitted before the 1st July each year for the preceding financial year in the Form O.
- (7) If it is found that the owner, agent, mining engineer or manager of mine or the person or company engaged in trading or storage or end-use or export of minerals, as the case may be, has submitted incomplete or wrong or false information in monthly or special or annual returns or fails to submit a return within the date specified, -
 - (i) in the case of mining of minerals by the owner, agent, mining engineer or manager of mine, then the Regional Controller of Mines may,-
 - (a) order suspension of all mining operations in the mine and may revoke the order of suspension only after ensuring proper compliance;
 - (b) take action to initiate prosecution under these rules;
 - (c) recommend termination of the mining lease, in case such suppression or misrepresentation of information indicates abetment or connivance of illegal mining;
 - (ii) in the case of trading or storage or end-use or export of minerals, the State Government, where the person or company engaged in trading or storage or end-use or export of minerals is sourcing the minerals, shall order suspension of, -
 - (a) trading licence (by whatever name it is called);
 - (b) all transportation permits issued to such person or company for mineral transportation (by whatever name it is called);
 - (c) storage licence for stocking minerals (by whatever name it is called);
 - (d) permits for end-use industry or carrying out export of minerals (by whatever name it is called);

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

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

- (a) where export has occurred, free-on-board (F.O.B) price of the mineral, less deductions specified below:
 - (i) loading charges by the miner;
 - (ii) transportation charges from the mine site to the rail head or port, including railway freight;
 - (iii) unloading and loading charges at the rail-head or domestic end-use capacity or port;
 - (iv) charges for sampling and analysis of ore grade;
 - (v) rent for the plot at the stocking yard in railway siding or port;
 - (vi) handling charges in port;
 - (vii) charges for stevedoring and trimming;
 - (viii) any other incidental charges levied outside the mine-site as notified by the Indian Bureau of Mines from time-to-time.
- (b) where domestic sale of mineral has occurred, sale price of mineral recorded in the invoice less the actual expenditure incurred towards loading, unloading, transportation and other charges beyond mine site:

Provided that in case a sale has occurred-

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

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

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

- (i) a person who is member of the management board of the association or company or is entitled or eligible to a share in the profits of the association or company buying or selling the minerals, as the case may be, to an extent exceeding ten percent. of the distributed profit;
- (ii) an association of persons or company, when such association of persons or company is entitled or eligible to a share in the profits of the association or company buying or selling the minerals, as the case may be, to an extent exceeding ten percent of the distributed profits.
- (c) where the sale has not occurred, the average sale price published monthly by the Indian Bureau of Mines for a particular mineral for a particular State shall be taken as the ex-mine price of the mineral for the purposes of reporting:

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

- (8) In case of trading or storage or end-use or export of minerals, for purpose of filing of returns, the sale price per unit of the mineral shall be,-
 - (a) where sale of mineral has occurred, sale price of mineral recorded in the invoice in case of domestic sale, or the Free-on-Board (F.O.B) or Cost insurance and Freight (C.I.F) price of minerals,
 - (b) where sale has not occurred, the average sale price published monthly by the Indian Bureau of Mines for a particular mineral for a particular State shall be taken as the sale price of the mineral for the purpose of reporting:

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

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

- (9) If more than one mineral is produced from the same mine, return shall be submitted in specified forms for each mineral separately.
- (10) In case of temporary discontinuance of mining or suspension of mining, or temporary discontinuance or suspension of trading or storage or end-use or export of minerals, the owner, agent, mining engineer or manager of mine, or the person or company engaged in trading or storage or end-use or export of minerals, as the case may be, shall submit return in the specified form for the mineral for which return had been submitted earlier, furnishing relevant particulars, inclusive of "Nil" information.
- (11) In case ownership of the mine or the trading or storage or end-use or export company changes during the reference period, separate returns have to be filled by each owner for the respective periods of ownership.
- (12) For the purpose of regulation of transportation of minerals, all persons and companies owning trucks or any other motorised vehicle used for transportation of mineral by road or through water way shall be required to be registered with the Directorate of Mining and Geology or the Department handling mining matters in the State Government and the lessee shall maintain trip-sheets (either in the form of written record or on computers) of the vehicles, the nature and weight of mineral and the approximate time of the trip and its destination".
- 3. In the principal rules, in the Schedule, for Form F-1 to Form F-8 and Form H-1 to H-8, the following Forms shall be substituted, namely:-

	"FORM F-1
	For the month of20
	MONTHLY RETURN
	[See rule 45(3) (a) (i)]
(Rea	d the instructions carefully before filling the particulars)
To	•
(i)	The Regional Controller of Mines
	Indian Bureau of Mines
	Region,
	PIN:
	(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time
	by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development rules,
	1988)

(ii) The State Government

PART – I (General and Labour)

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

3. Details of Rent/ Re			id in the mo	nth						
(i) Rent paid for the										
(ii) Royalty paid for										
(iii) Dead Rent paid		d (in Rs)								
4. Details on working										
(i) Number of days										
(ii) Reasons for wor							Reasons		N	No of days
lockout, heavy						ck of				
demand, uneco			and the nur	nber of days	of work					
stoppage for ea	ch reason sej	parately								
5. (i) Average Daily l	Employment	t and Waş	ges paid:							
	Dire	ct		Cont	tract				Wag	ges (Rs.)
Work place										
•	M-1-	E1-		M-1-	F	1 .		D:	T	C
D-1 1	Male	Female		Male	ren	nale		Dire	ect	Contract
Below ground				-					-	
Opencast										
Above ground				-					-	
Total										
1. Type of ore produ (Tick mark, whicher (a) Hematite	ced:	PART-		CTION, DE			AND STOCKS)	,		
(b) Magnetite										
2. Production and St	ocks of RON	A ore at N								
Category			Opening s	tock			Production		Closir	ng stock
· / · ·	rkings									
(b) Dump workings										
3.Grade-wise Produ	iction, Despa	atches ,St	ocks and Ex	x-mine price	es of Pro	cessed	l ore:			
Grades(% of Fe cont	ent)	Openin at min	ng stock e head	Production		espato ead	ches from mine	Closing at mine-		Ex-mine Price (Rs./MT)
• •										
i) Lumps:-		1		ı				1		1
(a) Below 55%	,									
(b) 55% to below 58%										
(c) 58% to below 60%										
(d) 60% to below 62%										
(e) 62% to below 65%)									
(f) 65% and above										
ii) Fines:-								1		1
(a) Below 55%	,									
(b) 55% to below 58%										
(c) 58% to below 60%										
(d) 60% to below 62%										
(e) 62% to below 65%)									
(f) 65% and above										
iii) Concentrates										
4. Details of Deduction Claimed	ons used for	computa	tion of Sale		Mine)(Rs	/Tonn	e) Remarks			
a) Cost of transportati	on		Omt (m N	S/ Tollie)			Kemarks			
(indicate Loading stat		nce								
from mine in remarks		шес								
b) Loading and Unloa					1					
c) Railway freight ,if					 					
(indicate destination a					1					
d) Port Handling char					1					
duty(indicate name of										
e) Charges for Sampli		veie			 					
f) Rent for the plot at					 					
g) Other charges(spec		u			 					
6) Outer charges(spec	iry cicarry)		l		<u> </u>					

	al (a) to (g)		•				
		Oomestic Consumption and					
Grade	Nature of	For Domestic Consu	mption			For export	
	Despatch (indicate whether for Sale or Captive consumption or Export)	Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	(
(to indic		n number as allotted by the In one buyer) for the top five de patches as annexure.			remaining cons	olidated figure	•
NOTE:-		to substantiate domestic sa	le value/ FOB v	alue for each grade	of ore quoted a	bove with copy	of
	reasons for increase/decr ed to the previous month.	ease in production/nil prod	duction (of prin	nary or associate m	ineral), if any,	during the mon	th
	reasons for increase/decr ed to the previous month.	ease in grade wise ex-mine	e price (of prin	ary or associate M	lineral),if any,	during the mon	th
I cert	tify that the information fur	nished above is correct and c	complete in all re	spects.			
Place: Date:		Signature Name in full:					
	I the instructions carefully	FO For the mo MONT!	HLY RETURN le 45(3) (a) (ii)]	Designation: Owner	er/Agent/Mining	Engineer/Manag	er
To (i)	The Regional Controller Indian Bureau of Mines	•					
	Region, PIN: (Please address to Region)	onal Controller of Mines in w al, Indian Bureau of Mines u					ie
	The State Government						
(ii)	The State Government						
(ii)	The state dovernment		ART – I al and Labour)				
1. Detail	ls of the Mine:	(Genera	al and Labour)				
1. Detail (a) Regis	s of the Mine:		al and Labour) give				
1. Detail (a) Registregistratt signing t b) Mine	Is of the Mine: stration number allotted by ion number of the mine own the return)	(General Indian Bureau of Mines (to	al and Labour) give				
1. Detail (a) Registregistrat signing to b) Mine c) Name	Is of the Mine: stration number allotted by ion number of the mine own the return) c Code c of the Mineral	(General Indian Bureau of Mines (to	al and Labour) give	MANGANESE O	RE		
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E-mail:

Village
Post Office
Tahsil/Taluk
District

State and PIN Code

Fax no: Phone no:

Street/Village										
Post Office										
Tahsil/Taluk										
District										
State and PIN Code	e									
Fax no:						E-mail	:			
Phone No										
. Details of Rent/ R			id in the mon	th						
(i) Rent paid for the	e period (Rs.	.)								
(ii) Royalty paid for										
(iii) Dead Rent paid		od (in Rs)								
l. Details on workin										
(i) Number of days										
(ii) Reasons for wor						Reason	ıs		No of days	
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transport bottlene			1 61	c 1						
uneconomic oper			mber of days o	of work	ζ.					
stoppage for ea	ach reason se	eparately								
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	Dire	ect		Cont	ract			V	Vages (Rs.)	
Work place										
	Male	Female		Male	Fe	male	T	Direct	Contract	
Below ground										
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Above ground										
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2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):

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) l	Rent for the plot at Stocking	g yard						
	Other charges(specify clear							
	Total (a) to (g)							
4	Salas/Degnatahas affected	for Domostic	Congumention	and fan Erm	o wta.			
Grade	Sales/ Despatches effected		omestic Consun		J1 15.	Fe	or export	
Grade	Nature of Despatch			1				EOD
	(indicate whether for	Consignee r Registration		Quantity	Sale value	Country	Quantity	F.O.B Value
	Sale or Captive	allotted by t	he Indian					.)
	consumption or Export)	Bureau of M						.,
	Ελροιί)	buyer ##						
##	Consignee name and Regis	tration numbe	r as allotted by	the Indian Bu	reau of Mines to the b	ıyer		l .
(to	indicate separately if more	than one buy	er) for the top fi	ve despatches	in terms of Quantity,	for the remaining o	consolidated figure	
she	all be reported with details	of despatches	as annexure.					
NI	OTE. M:			.:11/	EOD1 f1-	164-	4 - 1	· c
	OTE:- Mine owners are recovoices.	quired to subs	damiate domest	ic sale value/	rob value for each	grade of ore quote	a above with copy of)1
111	voices.							
5.	Give reasons for increase	e/decrease in	production/nil	production (of primary or associ	ate mineral), if ar	y, during the mont	h
	mpared to the previous m	onth.						
a)								
b) c)								
C)								
	Give reasons for increase/				primary or associate			
	ineral),if any, during the n	nonth compa	red to the prev	ious month.				
a)								
b) c)								
C)								
	I certify that the information	on furnished a	bove is correct a	and complete	in all respects.			
Pla	ace:		Si	ignature				
Da				ame in full:				
					Designation:	Owner/Agent/Min	ing Engineer/Manage	er
				FORME				
			For the	FORM F-3 e month of	20			
				ONTHLY RE				
				e rule 45(3) (a	-			
	(Read the instructions car	efully before						
To								
(i)	· ·		es					
	Indian Bureau of M							
	PIN:	••						
	(Please address to	Regional Con	troller of Mines	in whose teri	ritorial jurisdiction the	mines falls as not	ified from time to tim	e
		General, India	n Bureau of Mir	nes under Rule	e 62 of the Mineral Co	nservation and De	velopment rules,	
(**)	1988)							
(ii)) The State Governm	ient						
				PART – I				
_			(Ge	eneral and La				
	Details of the Mine:							
	Registration number allotte							
	gistration number of the mir	ie owner/ agei	nt/ mining engin	ieer/ manager				
	ming the return) Mine Code							_
	Name of the Mineral				Bauxite/Late	rite		
	Name of Mine				Dauxitt/Late	· · ·		
	Name(s) of other mineral(s	s),						
	if any, produced from the s							
f) 1	Location of the Mine :							\dashv
	Village							\dashv
	Post Office				İ			
	Fahsil/Taluk							

E-mail:

Tahsil/Taluk District

State and PIN Code

Fax no:

Phone no:		
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):		
Name of Person		
Street/Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone No:		
3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine	Reasons	No of days
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		
	•	•

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

	ev (1) 11 verage Danj Emprojment and vrages parav						
Work place	Dire	ect	Con	itract	Wages (Rs.)		
	Male	Female	Male	Female	Direct	Contract	
Below ground							
Opencast							
Above ground							
Total						·	

5.(ii) Total number of technical and supervisory staff employed in
the mine during the month :
(iii) Total salaries paid to technical and supervisory staff employed in
the mine during the month in Rs

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

(Unit of Quantity in Tonnes)

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

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

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

Grades(% of Al ₂ O ₃ content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine- head	Ex-mine price (Rs./ Metric Tonne)
(A) For use in alumina an	d aluminium extraction:-	'	•	•	•
(Please furnish averages of th	ne 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 extractio	n:			
(a) Cement					
(b) Abrasive					
(c) Refractory					
(d) Chemical					

3. Details of Deductions used for com	putation of Ex-Mine	<pre>price (Rs/ Metric Tonne):</pre>
---------------------------------------	---------------------	--------------------------------------

Deduction claimed	Unit (in Rs/Metric	Remarks
	Tonne)	

	of transportation							
	Loading station and Distance	ce from mine in						
remarks)	ng and Unloading charges							
	ay freight ,if applicable							
	destination and distance)							
	Handling charges/export duty	(indicate name						
of port)								
	es for Sampling and Analys	S						
	or the plot at Stocking yard charges(specify clearly)							
	al (a) to (g)							
1014	ii (ii) to (g)							
	4. Sales/ Despatches effect				rts:			
Grade	Nature of	For Dome	estic Consu	mption		For	export	
	Despatch (indicate whether	Consignee nam		Quantity	Sale value	Country	Quantity	F.O.B
	for Sale or	Registration nu						Value(Rs.)
	Captive	allotted by the Bureau of Mine						
	consumption or	buyer ##	es to the					
	Export)	buyer ""						
	## Consignee name and Re							
	shall be reported with deta. NOTE:- Mine owners are invoices. 5. Give reasons for incre compared to the previous a) b) c) 6. Give reasons for increa Mineral),if any, during the a) b) c) I certify that the inform	required to substace ase/decrease in pmonth. se/decrease in gree month compare	production production rade wise ex	nestic sale value/ /nil production (x-mine price (of previous month.	of primary or associant	ociate mineral), if a	•	
	Place: Date: (Read the instructions of To (i) The Regional C Indian Bureau of PIN: PIN:	ontroller of Mines	filling the p	Signature Name in full: FORM F-4 r the month of MONTHLY RE' [See rule 45(3) (a	1 20 	on: Owner/Agent/Mi	ning Engineer/Ma	nager
		r General, Indiar				the mines falls as no Conservation and D		time
				(General and La	bour)			
	1 D 4 11 C 41 3 41							1

(a) Registration numb								
registration number of the mine owner/ agent/ mining engineer/ manager								
signing the return)								
b) Mine Code								
c) Name of the Miner	al				Chromi	te		
d) Name of Mine								
e) Name(s) of other n	nineral(s),							
if any, produced fro	om the same	mine						
0 T 41 B41 341								
f) Location of the Mi	ne:							
Village								
Post Office								
Tahsil/Taluk								
District								
State and PIN Code	:							
Fax no	:				E-mail:			
Phone ne	0:							
2. Name and Address	s(s) of Lesse	ee/Owner (aloi	ng with fax no. and	d e-mail)	:			
Name of Person								
Street/Village								
Post Office								
Tahsil/Taluk								
District					1			
State and PIN Code								
Fax no:	·				E-mail:			
Phone No:					E-man.			
3. Details of Rent/ Ro		d Dont noid in	the menth					
			the month		_			
(i) Rent paid for the								
(ii) Royalty paid for (iii) Dead Rent paid	the period (KS.)			_			
		oa (in Ks)						
4. Details on working		1 1						
(i) Number of days (ii) Reasons for work	the mine w	orked:			D			NT C 1
					Reasons	Reasons No of days		
during the month								
heavy rain, non-a								
transport bottlene				1.				
uneconomic opera			r of days of wor	K.				
stoppage for ea	cn reason se	parately						
5. (i) Average Daily I	E mploymen Dire			tract			W	Vages (Rs.)
Work place	Dire		Con	aract			,,	ages (1ts.)
	Male	Female	Male	Fe	male	Dia	rect	Contract
Below ground		-						1
Opencast		Ì	1					1
Above ground		Ì	1					1
Total		1	1					†
5.(ii) Total number of the mine during the (iii) Total salaries p the mine during the	month : aid to techn	nical and super						
1.Production and Sto	ocks of ROM	ì	RODUCTION, Di (Unit of Quan			TOCKS)		
Category			Opening stock		Prod	uction	Clo	sing stock
0 1	rkings						1	e
(b) From Underground		gs						
(c) Dump workings								
., 1								

2.Grade-wise	Production.	Despatches	Stocks and	Ex-mine	prices of	Processed ore:
		2 copares	,0000		Prices or	

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

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

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

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

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

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

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

a)

b)

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)

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

Place: Signature
Date: Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

FORM F-5
For the month of _____20
MONTHLY RETURN

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

(Read the instructions carefully before filling the particulars)

To

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

12

	Region,
DIMI.	

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

(ii) The State Government

PART – I (General and Labour)

1. Details of the Mine:		
(a) Registration number allotted by Indian Bureau of Mines (to give		
registration number of the mine owner/ agent/ mining engineer/ manager		
signing the return)		
b) Mine Code		
c) Name of the Mineral	Copper/Gold/Lead/Pyrites/Tin/Tu	ungsten/Zinc
d) Name of Mine		
e) Name(s) of other mineral(s),		
if any, produced from the same mine		
f) Location of the Mine :		
Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone no:		
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-ma	il):	
Name of Person	1	
Street/Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone No:		
3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine	Reasons	No of days
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		

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

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

5.(ii) Total number of technical and supervisory staff employed in
the mine during the month :
(iii) Total salaries paid to technical and supervisory staff employed i
the mine during the month in Rs.

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

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

Production and Stocks of R.O.M. ore

Opening	stocks	Product	ion	Closing stocks	
Quantity	Metal content/	Quantity	Metal content/	Quantity	Metal content/
	grade		grade		grade

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

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

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

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

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

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

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

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

Concentrates treated		Metals(*) recovered(specify)		cify)	Other by-products ,if any, recovered		Closing stock concentrate a Smelter/Plan	at the	
Quantity	Metal content/ grade	Quantity	Value	Grade	Quantity	Value	Grade	Quantity	Value

5.Sales during the month:-

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

Note:

- (*) Please give category-wise break-up viz. blister, fire refined copper, cathodes, electrolytic copper wire bars, lead ingots, zinc cathodes, zinc dross, gold, tungsten etc.
- (#) Please give ex-plant sale value including excise duty but excluding other taxes.
- (@) Please give category-wide break-up of metals and other products sold.

6. Details of Deductions used for computation of $Ex_mine\ price\ of\ ore\ (Rs/unit)$

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

separately if more orted with details on the owners are reconstituted.	for Domestic For Do Consignee n. Registration allotted by th Bureau of M buyer ## concentrates. concentrates. contration number than one buye of despatches a	r as allotted by er) for the top f as annexure.	quantity Quantity the Indian Butive despaches	reau of Mines to the bin terms of Quantity, J FOB value for each	buyer for the remaining of grade of ore quo	ted above with c	copy of
spatches effected are of Despatch ate whether for e or Captive assumption or Export) des ore as well as come name and Regist esparately if more corted with details of the owners are recome on the previous more than the owners are recome of the previous more than the previous	For Do Consignee n. Registration allotted by th Bureau of M buyer ## concentrates. concentrates. critation number than one buye of despatches of quired to subst	r as allotted by er) for the top f as annexure.	quantity Quantity the Indian Butive despaches	reau of Mines to the bin terms of Quantity,	buyer for the remaining of grade of ore quo	Quantity consolidated figure	re copy of
des ore as well as come owners are recome owners are recome of the previous model.	For Do Consignee n. Registration allotted by th Bureau of M buyer ## concentrates. concentrates. critation number than one buye of despatches of quired to subst	r as allotted by er) for the top f as annexure.	quantity Quantity the Indian Butive despaches	reau of Mines to the bin terms of Quantity,	buyer for the remaining of grade of ore quo	Quantity consolidated figure	re copy of
des ore as well as come owners are recome owners are recome of the previous model.	For Do Consignee n. Registration allotted by th Bureau of M buyer ## concentrates. concentrates. critation number than one buye of despatches of quired to subst	r as allotted by er) for the top f as annexure.	quantity Quantity the Indian Butive despaches	reau of Mines to the bin terms of Quantity,	buyer for the remaining of grade of ore quo	Quantity consolidated figure	re copy of
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des ore as well as come name and Registe separately if more orted with details of the owners are recorded to the previous more of the previous more of the previous more are recorded to the previous more of the previous more are recorded to the	allotted by the Bureau of M buyer ## concentrates. tration number than one buyer of despatches a quired to substep (decrease in page 2)	r as allotted by er) for the top f as annexure.	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	re copy of
des ore as well as ce name and Regisseparately if more orted with details one owners are recorded to the previous more of the previous	concentrates. tration number than one buye of despatches a quired to subst	r as allotted by er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
les ore as well as core name and Registe separately if more orted with details one owners are records for increase to the previous more of the previous more	concentrates. stration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are reconstructed with the owners are reconstructed to the previous more than the owners are reconstructed to the previous more than the owners are reconstructed to the owners are r	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are reconstructed with the owners are reconstructed to the previous more than the owners are reconstructed to the previous more than the owners are reconstructed to the owners are r	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
te name and Regiss separately if more orted with details on the owners are reconstructed with the owners are	tration number than one buye of despatches a quired to subst	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
separately if more orted with details on the owners are reconstructed sons for increase to the previous mo	than one buye of despatches of quired to substance e/decrease in p	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
separately if more orted with details on the owners are reconstructed sons for increase to the previous mo	than one buye of despatches of quired to substance e/decrease in p	er) for the top f as annexure. tantiate domes	five despaches	in terms of Quantity,j FOB value for each	for the remaining of	ted above with c	copy of
orted with details one owners are reconstructed sons for increase to the previous mo	of despatches a quired to substaction	as annexure. tantiate domes	tic sale value/	FOB value for each	grade of ore quo	ted above with c	copy of
ne owners are rec sons for increase o the previous mo	quired to subst	tantiate domes					1.
sons for increase the previous mo	e/decrease in p						1.
o the previous mo		production/ni	l production (of primary or assoc	ciate mineral), if	any, during the	month
o the previous mo		production/ni	l production (of primary or assoc	ciate mineral), if	any, during the	month
o the previous mo		production/ni	I production (of primary or assoc	ciate mineral), if a	any, during the	month
	ontn.						
f:							
£ : /							
6 : (
that the information	on furnished at	bove is correct	and complete	in all respects.			
		IN	ame in full:	Designation	· Owner/Agent/Mi	ining Engineer/M	lanager
				Designation	. Owner/rigent/ivi	ming Engineer/141	anagei
			FORM F-	5			
				20			
		[၁	ee ruie 43(3) (a	i) (VI)]			
instructions con	ofully before	filling the non	tioulors)				
mstructions care	eruny before i	mining the par	ucuiars)				
he Regional Cont	roller of Mines	S					
	ι,						
	Regional Com	troller of Mine	s in whose teri	itorial jurisdiction th	ne mines falls as no	otified from time 1	to time
988)		J		v		•	
7							
he State Governm	nent		DADT I				
		(G					
		θ,	. v.i.v. ai ailu La				
the Mine:							
ion number allotte							
1 6.1	ne owner/agen	nt/ mining engi	neer/ manager				
	ic owner, agen						1
	that the information that the information of the Regional Continuing Bureau of Markey Region PIN: Please address to by the Controller Controlle	that the information furnished all that the information furnished all that the information furnished all that the information carefully before the Regional Controller of Mines Region, PIN: Please address to Regional Controller General, Indian (1988) The State Government If the Mine: It ion number allotted by Indian B number of the mine owner/agen	For the Mines The State Government The State Government The Magnetic State Government The Mine: Signature Name in full: FORM F-6 For the month of MONTHLY RE [See rule 45(3) (a e instructions carefully before filling the particulars) The Regional Controller of Mines Indian Bureau of Mines in whose terr In the Controller General, Indian Bureau of Mines under Rule In the State Government PART – I (General and La f the Mine: Ition number allotted by Indian Bureau of Mines (to give	that the information furnished above is correct and complete in all respects. Signature Name in full: Designation FORM F-6 For the month of	that the information furnished above is correct and complete in all respects. Signature Name in full: Designation: Owner/Agent/Mi FORM F-6 For the month of20 MONTHLY RETURN [See rule 45(3) (a) (vi)] The Regional Controller of Mines andian Bureau of MinesRegion, PIN: Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as not by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and E 1988) The State Government PART – I (General and Labour) The Mine: ion number allotted by Indian Bureau of Mines (to give	Signature Name in full: Designation: Owner/Agent/Mining Engineer/M FORM F-6 For the month of	

c) Name of the Mineral	MICA	
d) Name of Mine	MICA	
e) Name(s) of other mineral(s),		
if any, produced from the same mine		
f) Location of the Mine :		
Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone no:		
2. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):		
Name of Person		
Street/Village		
Post Office		
Tahsil/Taluk		
District		
State and PIN Code		
Fax no:	E-mail:	
Phone No:		
3. Details of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent paid for the period (Rs.)		
(ii) Royalty paid for the period (Rs.)		
(iii) Dead Rent paid for the period (in Rs)		
4. Details on working of mine:		
(i) Number of days the mine worked:		
(ii) Reasons for work stoppage in the mine	Reasons	No of days
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		
5. (i) Average Daily Employment and Wages paid:		

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

5.(ii) Total number of technical and supervisory staff employed in
the mine during the month :
(iii) Total salaries paid to technical and supervisory staff employed in
the mine during the month in Rs

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

${\bf 1.\,Production,\,despatches\,\,and\,\,stocks\,\,of\,\,crude\,\,and\,\,dressed\,\,mica.}\,(\,\,in\,\,kilograms)$

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

Tot	al								
	oduction)								
	DESPATCHES								
	or dressing for Sale								
Tot									
	espatches)								
	CLOSING STOCKS								
	t mine								
(ii)	At dressing unit								
(Ple	At any other point ease specify)								
Tot (Clo	al osing Stocks)								
E. 1	Ex-mine price(#)								
(#)	s. Per kg) This should be estimated fo ainable for crude/ waste mi	ca in the mark	et. To arrive at	he ex-m	ine price	from this notional s	basis of the avera ale price, the co	ge sale price st of transport fr	om the
	ne head to the market or fac Details of Deductions used					educted.			
Dec	duction claimed	101 00111111111	Unit (in Rs/k		110/118/	Remarks			
	Cost of transportation dicate Loading station and I	Victoria							
	m mine in remarks)	Jistance							
	Loading and Unloading cha								
	Railway freight ,if applicable								
	dicate destination and distar								
	Port Handling charges/expo y(indicate name of port)	rt							
	Charges for Sampling and A	nalveie							
	Rent for the plot at Stocking								
	Other charges(specify clear)								
8/	Total (a) to (g)	<i>J</i> /							
				•					
3. S	Sales/ Despatches effected				Exports	<u>: </u>			
ade		For Do	omestic Consum	ption			F	or export	
	Nature of Despatch	Consignee n	ame and	Quant	ity	Sale value	Country	Quantity	F.O.B Val
	(indicate whether for	Registration	number as		•				(Rs.)
	Sale or Captive	allotted by tl							
	consumption or Export)	Bureau of M	lines to the						
		buyer ##							
## (Consignee name and Regis	tration number	r as allotted by t	he India	n Bureau	of Mines to the buy	er	•	<u>'</u>
(to	indicate separately if more	than one buye	er) for the top fiv	e despa	ches in te	erms of Quantity for	the remaining co	onsolidated figu	re
sha	all be reported with details o	of despatches a	as annexure.						
	OTE:- Mine owners are rec	uired to subs	tantiate domesti	c sale va	alue/ FO	B value for each gr	ade of ore quote	ed above with o	copy of
inve	oices.								
4	C'	(1	1			•			41
	Give reasons for increase		production/nii	proaucu	ion (or I	orimary or associat	e minerai), ii a	ny, auring the	montn
	npared to the previous mo	ontn.							
a) b)									
c)									
۷)									
5. (Give reasons for increase/	decrease in gr	ade wise ex-mi	ne price	of pri	nary or associate			
	neral),if any, during the n				` •	•			
\ \									
a)									
b)									
b) c)	Taraki Cakara da 1 Cara da	£: 1 1 1			.1.4. '	11			
b) c)	I certify that the information	on furnished al	pove is correct a	nd comp	olete in a	ll respects.			
b) c)	I certify that the information	on furnished al	pove is correct a	nd comp	olete in a	ll respects.			
b) c)	•	on furnished al			olete in a	ll respects.			
b) c)	ce:	on furnished al	Si	and comp gnature me in ful		ll respects.			
b) c)	ce:	on furnished al	Si	gnature		•	wner/Agent/Mir	ning Engineer/M	Ianager
b) c)	ce:	on furnished al	Si	gnature		•	wner/Agent/Mir	ning Engineer/M	Ianager
b) c)	ce:	on furnished al	Si; Na	gnature me in ful	ll: M F-7	Designation: O	wner/Agent/Mir	ning Engineer/M	lanager
b) c)	ce:	on furnished al	Si _l Na For the	gnature me in ful FORM	ll: M F-7 of	Designation: O	wner/Agent/Mir	ning Engineer/M	lanager
b) c)	ce:	on furnished al	Si; Na For the MO	gnature me in ful	ll: M F-7 of 7 RETU :	Designation: O 20 RN	wner/Agent/Mir	ning Engineer/M	lanager

(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 Contr

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

(ii) The State Government

PART – I (General and Labour

			(General ar	nd Labour)			
1. Details of the Min							
(a) Registration numb							
registration number of the mine owner/ agent/ mining engineer/ manager							
signing the return)							
b) Mine Code							
c) Name of the Miner							
d) Name of Mine							
e) Name(s) of other r							
if any, produced fr	om the same	e mine					
f) Location of the Mi	ne:						
Village							
Post Office							
Tahsil/Taluk							
District							
State and PIN Code							
Fax no	•				E-mail:		
Phone n							
2. Name and Addres	s(s) of Less	ee/Owner (along	with fax no. and	e-mail):			
Name of Person							
Street/Village							
Post Office							
Tahsil/Taluk							
District							
State and PIN Code)						
Fax no:					E-mail:		
Phone No	:						
3. Details of Rent/ Re	oyalty / Dea	d Rent paid in th	e month				
(i) Rent paid for the							
(ii) Royalty paid for	the period ((Rs.)					
(iii) Dead Rent paid	for the peri-	od (in Rs)					
4. Details on working		•					
(i) Number of days		orked:					
(ii) Reasons for wor	k stoppage i	in the mine			Reasons		No of days
during the month							
heavy rain, non-a	vailability o	f labour,					
transport bottlene							
		and the number of	days of worl	K			
stoppage for ea	ch reason se	eparately					
5. (i) Average Daily							
*** 1 1	Dir	ect	Cont	ract		,	Wages (Rs.)
Work place							
	Male	Female	Male	Femal	le	Direct	Contract
Below ground							
Opencast							
Above ground							
Total							
			•				
5 (ii) Total number of	f toobnical	and suparvisory	staff amplayed i				

5.(ii) Total number of technical and supervisory staff employed in	
the mine during the month:	
(iii) Total salaries paid to technical and supervisory staff employed i	in
the mine during the month in Rs	

PART-II (PRODUCTION, DESPATCHES AND STOCKS)

1.R.O.M production:-

Category	Unit of quantity	Quantity
i)Opencast		
ii)Underground		

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

2. Production, stocks and despatches:-

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

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

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

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

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

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

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

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

(to indicate separately if more than one buyer) for the top five 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)

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

D)			
c)			
I certii	by that the information furnished above is correct and complete in all	respects.	
Place:	Signature		
Date:	Name in full:		
Date.	ivaine in fun.	Designation: Owner/Agent/Mir	ning Engineer/Manager
		Designation: Owner/Agent/Mir	ning Engineer/Manager
	FORME		
	FORM F-8	20	
	For the month of	20	
	MONTHLY RETUR		
	[See rule 45(3) (a) (viii)]	
(Read t	he 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 territoria	l jurisdiction the mines falls as not	tified from time to time
	by the Controller General, Indian Bureau of Mines under Rule 62 of		
	1988)	ine mineral conservation and Be	evelopment rutes,
(;;)	The State Government		
(ii)	PART – I		
1 D / D	(General and Labour	<u>/</u>	
	of the Mine:		
	ration number allotted by Indian Bureau of Mines (to give		
	on number of the mine owner/ agent/ mining engineer/ manager		
signing the	e return)		
b) Mine (Code		
c) Name o	of the Mineral		
d) Name o	of Mine		
e) Name(s	s) of other mineral(s),		
	produced from the same mine		
	•		
	n of the Mine :		
Village			
Post Off	ïce		
Tahsil/T	aluk		
District			
State and	d PIN Code	1	
State and	Fax no:	E-mail:	
	Phone no:	E man.	
2 Na			
2. Name a	and Address(s) of Lessee/Owner (along with fax no. and e-mail):		
Name of	Dorgon		
		-	
Street/V	C		
Post Off			
Tahsil/T	aluk		
District			
State and	d PIN Code		
	Fax no:	E-mail:	
	Phone No:		
3. Details	of Rent/ Royalty / Dead Rent paid in the month		
(i) Rent	paid for the period (Rs.)	•	
	alty paid for the period (Rs.)	•	
		+	
	d Rent paid for the period (in Rs)	 	
	on working of mine:	<u> </u>	
	nber of days the mine worked:	<u> </u>	
	ons for work stoppage in the mine	Reasons	No of days
	g the month (due to strike, lockout,		
	rain, non-availability of labour,		
	ort bottleneck, lack of demand,		
	nomic operations, etc.) and the number of days of work		1
	ppage for each reason separately		1
-	erage Daily Employment and Wages naid:	.1	1

		Employment and Huges para						
V	Vork place	Direct		Contract		Wages (Rs.)		
		Male	Female	Male	Female	Direct	Contract	
В	Below ground							
C	Opencast							

Total						
5.(ii) Total number of technical and su	pervisory staff employed in					
the mine during the month :						
(iii) Total salaries paid to technical ar	nd supervisory staff employed in					
the mine during the month in Rs						
PAR	T-II (PRODUCTION, DESPAT	,				
	(Unit of Quantity in	,				
PAR 1.Production and Stocks of ROM ore a Category	(Unit of Quantity in	,	Closing stock			
1.Production and Stocks of ROM ore a	(Unit of Quantity in ' at Mine-head	Tonnes)	Closing stock			
1.Production and Stocks of ROM ore a Category	(Unit of Quantity in ' at Mine-head	Tonnes)	Closing stock			
1.Production and Stocks of ROM ore a Category (a) Open Cast workings	(Unit of Quantity in ' at Mine-head	Tonnes)	Closing stock			

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

* The grades are as below:-

MINERAL	GRADES
Asbestos	a)Amphibole
	B)Chrysotile
Barytes	(a) White (including snow-white)
	(b) Off colour
Fluorite/Fluorspar	(a) 85% CaF ₂ and above
	(b) 70 to below85% CaF ₂
	(c) 30 to below 70% CaF ₂
	(d) Below 30% CaF ₂
Graphite	(a) with 80 per cent or more fixed carbon
	b) with 40 per cent or more but less than 80 per cent fixed carbon
	c)with less than 40% fixed carbon
Kaolin/China clay, Ball clay, White shale, White clay	a) Crude (Natural)
	b) Processed
Kyanite	(a) 40% Al ₂ O ₃ & above
	(b) Below 40% Al ₂ O ₃
Limestone	a) LD, and
	(b) SMS/Chemical
	(c) BF/Cement
Rock Phosphate/ Phosphorite	a)30- 35% P ₂ O ₅
	b) 25-30 % P ₂ O ₅
	c) 20-25% P ₂ O ₅
	d) 15-20% P ₂ O ₅
Talc/Steatite/Soapstone	(a) Insecticide (filler) grade
	(b) Other than insecticide (filler) grade

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

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

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

Deduction claimed	Unit	(in Rs/Tonne))	Remarks

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

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

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

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

(to indicate separately if more than one buyer) for the top five 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.

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

- a)
- b) c)

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

- a) b)
- c)

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

Place: Signature
Date: Name in full:

Designation: Owner/Agent/Mining Engineer/Manager

For the financial year 1^{st} April, 20__ to 31^{st} March, 20___ ANNUAL RETURN [See rule 45(3) (b)(i)]

(Read the instructions carefully before filling the particulars)

(i) The Regional Controller of Mines

Indian Bureau of Mines _____Region,

PIN:

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

(ii) The State Government

To

PART – I (General)

1. Details of Mine:					
(a) Registration number allotted by Indian Bureau of Mines (to give					
registration number of the mine owner/ agent/ mining engineer/ manager					
signing the return)					
(b) Mine Code					
(c) Name of the Mineral	IRON ORE				
(d) Name of Mine					
(e) Name(s) of other mineral(s),					
if any, produced from the same mine					
2. Location of the Mine :					
Village	I				
Post Office					
Tahsil/Taluk					
District State and PIN Code					
	Г 1				
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					
	E				
Fax no: Phone No:	E-mail:				
Phone No:					
A Desistant A Office of the Leave					
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 on	e lease)			
(:) A d 1 (ht					
(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)	C ' 1				
(vi) In case there is more than one mine in the same lease area, indicate name	of mine and				
mineral produced		TT 1	0.411	T . 1	
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under	Outside	Total	
(i) Already avaleited & shandaned by smanaget (O/C) mining		forest	forest		
(i) Already exploited & abandoned by opencast (O/C) mining			+	+	
(ii) Covered under current (O/C) Workings			+		
(iii) Reclaimed/rehabilitated			1		
(iv) Used for waste disposal					
(v) Occupied by plant, buildings, residential, welfare buildings & roads					
(vi) Used for any other purpose (specify)			1	1	
(vii) Work done under progressive mine closure plan during the year					
13. Ownership/exploiting Agency of the mine:					
(Public Sector/Private Sector/Joint Sector)					
		l			

PART - II (Employment & Wages)

	Tille II (Employment et 114g							
1.Number of	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					Reasons			No of days
heavy rain, non-availability of labour,								
operations, etc.) and the number of days of	work stoppa	ge for each of th	ne factors separ	ately.				
3.(i) Employment of Labour and wages pai	d:-						•	
Maximum number of persons employed			ear:					
(i)In workings below ground on								
(ii)In all in the mine on(a)								
Classification	Total n	umber of man d		No. of day	s Avera	ge daily numbe		
		during the year	ar	worked		employed		Wages
				during the				/Salary
				year				bills for
								the year
	<u></u>	1 ~						
	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.								
1 51	 							
(iii) Others Total:	 		-	-				
	toobnies! s	nd cunousic	atoff amml	d in the mi	duning the -	room (in Da)		
3. (ii) Total salaries paid to) tecnnical a	ma supervisory	stati empioye	a m me mme	auring the y	ear (in Ks.)		

PART-II A (Capital Structure)

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

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

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	

^{**} 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.

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)

3.Interest and Kent (in Ks. 000)				
(i) Interest paid during the year				
(ii) Rents (excluding surface rent) paid during				
	PART - III (Consum)			
 Quantity and cost of material 	consumed during the year	t e		
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	Culifi	J		
(a) Lubricant oil	Ltrs.			
(b) Grease	kgs.			
(iii) Electricity	11851	ı		
(a) Consumed	Kwh			
(b) Generated	Kwh			
(c) Sold	Kwh			
(iv) Explosives (furnish full details in Part				
(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 ye	ar	Paid towards past arrears
(a) Royalty		·		•
(b) Dead rent				
(c) Surface rent				
3. Compensation paid for felling trees durin	g the year (in Rs)	•		
4. Depreciation on fixed assets Rs	, , ,			
5. Taxes and cesses				
X	Amount in Rs. paid dur	ring 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			1	
(iii) Money value of other benefits paid to	workmen			
(iv) Payment made to professional agencie				
, , , , , , , , , , , , , , , , , , ,				
Part -IV (Consumption of	Explosives)			

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

Classification of Explosives	Unit	Quantity consur	ned during the year	Esitmated requireme	ent
				during the next year	
		Small dia.	Large dia. (above	Small dia.	Large dia. (above
		(upto 32 mm)	32 mm)	(upto 32 mm)	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	Kg.				
cartridges					
5.Slurry explosives	Kg.				
(Mention different trade					
names)					
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)

- 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		
` /	lange ipal constituents idiary Constituents					
2.(a) (b) (c)	Name(s) of the o		nd disposed as waste: ted but not sold i.e., mi	neral reject:		
Item	1.	2.	3.	4.		
Mineral r	 eject					

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			
 Proved Mineral Reserve 	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
Feasibility Mineral Resource	211		
2.Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
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.

4.1. I	Mining Operations during Exploration	•				
Item	Number Meterage (as applicable)				Grid/Dime	ension
Drilling Trenching Pitting						
4.2 (A) Details of H	Opencast Benches (Separately for r	nechanised and manu	ual sections)			
(i) Number of (ii) Average h (iiii) Depth of		In ore	I):	In OB	/Waste	
(B) (i) Total RO	OM Ore production (tonn Rejects generated with g	es):				
	ity of Overburden/Waste				· 6	
(i) (ii) (Quantity back filled Quantity disposed of in ex	sternal dumps			ive so rai	
4.3 (a) (b) (c) (c) (d) (e) (s) (f) (s) (f) (o) (i) (d) (d) (e) (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	Underground: Driving (metres) in ore: Cross Cutting/Footwall D Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres) Connage of ore blocked fo Quantity of waste remove Quantity of mineral reject In lease area Of trees planted during the rate in percentage gregate Horse Power of M excavators, dumpers, hau	rives (in barren) (Me): or stoping (tonnes): d (tonnes): s generated with grade Outside lease a ne year Machinery: Give the	etres): de (tonnes): area following informa	ation for the ty		ninery in use such as hoist, fans, led during the year may be
Type of machinery	Capacity of each unit	No.of units	H.P. of each	Electrical/no	on	Used in opencast/
			unit	(specify)		underground(specify)

machinery	each unit	each unit	electrical (specify)	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. Type of ore produced:

(Tick mark, whichever is applicable)

- (a) Hematite
- (b) Magnetite

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

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

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

Grades(% of Fe content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine- head	Ex-mine price (Rs./ MT)
i) Lumps:-	•	•	•	•	•
(a) Below 55%					
(b) 55% to below 58%					
(c) 58% to below 60%					
(d) 60% to below 62%					
(e) 62% to below 65%					
(f) 65% and above					
ii) Fines:-					
(a) Below 55%					
(b) 55% to below 58%					
(c) 58% to below 60%					
(d) 60% to below 62%					
(e) 62% to below 65%					
(f) 65% and above					
iii) Concentrates					

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

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

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

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

^{##} Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer

⁽to indicate separately if more than one buyer) for the top five 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.

	reasons for increase/decrease in production/nil production (of primary o d to the previous month.	r associate miner	ral), if any, during the month			
	easons for increase/decrease in grade wise ex-mine price (of primary or a ,if any, during the month compared to the previous month.	ssociate				
a) b) c)						
	PART-VII: COST OF PRODUCTIO	N				
	Cost of production per tonne of ore/mineral produced					
	Item Direct Cost	Cost Per m	netric tonne			
(i)	(a) Exploration					
	(b) Mining					
	(c) Beneficiation(Mechanical Only)					
_ ` /	Over-head cost					
	Depreciation					
	Interest Royalty					
	Taxes					
_ ` /	Dead Rent					
	Others (specify)					
	Total Formation given under Part VI will be kept confidential, if required. The C					
I certify	VERIFICATION that the information furnished above is correct and complete in all respects.					
Place: Date:		ignature Jame in full:	Designation: Owner/Agent/ Mining Engineer/Manager			
	FORM H-2 For the financial year 1 st April, 20 to 31 st March,20 ANNUAL RETURN [See rule 45(3) (b)(ii)]					
To	(Read the instructions carefully before filling the particulars)					
(i) (ii)	The Regional Controller of Mines Indian Bureau of MinesRegion, PIN: (Please address to Regional Controller of Mines in whose territorial jurisdi by the Controller General, Indian Bureau of Mines under Rule 62 of the Mil 1988) The State Government					
	PART – I (General)					
1. Detail	s of Mine:					

(a) Registration number allotted by Indian Bureau of Mines (to give					
registration number of the mine owner/ agent/ mining engineer/ manager					
signing the return)					
(b) Mine Code					
(c) Name of the Mineral (d) Name of Mine	Manganese Ore				
(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	ъ ч				
Fax no:	E-mail:				
Phone no: Now and Address(s) of Lesses (Owner (clong with few no and a mail)					
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	e 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)	2				
(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	Outside	Total	
12. Lease area (surface area) utilisation as at the end of year (nectares):		forest	forest	Total	
(i) Already exploited & abandoned by opencast (O/C) mining		Torest	Torest		
(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:	ikeu.								
(iii) Indicate reasons for work	stoppage in	the mine during	the year (due t	o strike lockor	ıt. Rea	isons	I	No	of days
heavy rain, non-availability of								110	01 4475
operations, etc.) and the number of									
•	•	11 0							
3.(i) Employment of Labour and wages paid:-									
Maximum number of persons of		any one day duri	ng the year						
(i)In workings below ground on			ing the year.						
(ii)In all in the mine on									
Classification		nber of man days the year	worked during	No. of days worked during the year	Averaş	Average daily number of persons employed Total /Sala for th			
	Direct	Contract	Total	1	Male Female Total			1	
(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)

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

^{*} 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.

(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					

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)				

Quantity and cost of materia	l consumed during the vea			
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 Pa	rt IV)			
(v) Tyres	Nos.			
(vi) Timber & Supports				
(vii)Drill roads & kits	Nos.			
(viii)Other spares & stores				
- D - L - LD (1.1000 D -)				
2. Royalty and Rents (in' 000 Rs.):		I D : 1 0		
X		Paid for current ye	ear	Paid towards past arrears
(a) Royalty				
(b) Dead rent				
(c) Surface rent				
3. Compensation paid for felling trees dur	ing the year (in Rs)			
4. Depreciation on fixed assets Rs				
5. Taxes and cesses	T			
X	Amount in Rs. paid du	ring the year to:	1 0 . 0	
X	Central Govt.		State Govt.	
(i) Sales Tax			1	
(ii) Welfare cess				
(iii) Other taxes & cesses:-	1		1	
(a) Mineral cess			_	
(b) Cess on dead rent			 	
(c) Others (please specify)				
6 . Other expenses:	1		1	
(i) Overheads				
(ii) Maintenance				
(iii) Money value of other benefits paid t				
(iv) Payment made to professional agence	ries			

Part –IV (Consumption of Explosives)

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

Classification of Explosives	Unit	Quantity consumed during the year		Estimated requirement during the next year	
		Small dia. Large dia. (above (upto 32 mm) 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	Kg.				
cartridges					
5.Slurry explosives	Kg.				
(Mention different trade					
names)					
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				
B:00	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)

	Mineral(s) worked and their characteristics: (In case more than one mineral is worked, the nation asked for under (a) to (d) in respect of the remaining mineral(s) may be furnished in a ate sheet and attached with the return)
(a) Name	of mineral :
(b) Type of	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

Со	nstituent		Grade			
		1	2	3	4	
` '	ange pal constituents idiary Constituents					
2.(a) (b) (c)	Name(s) of the		nd disposed as waste: ted but not sold i.e., m s)	ineral reject:		
Item	1.	2.	3.		4.	

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)

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Mineral reject

Total Mineral Resources (A + B)			
A. Mineral Reserve			
Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
Feasibility Mineral Resource	211		
Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
Indicated Mineral Resource	332		
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 app	licable)
Drilling Trenchin Pitting	g		
(A) Deta	Opencast ils of Benches (Separately fo	or mechanised and manual sections)	
		In ore	In OB/Waste
()	mber of Benches		
	erage height (metres)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(1111) Dej	pth of the deepest working f	rom adjacent ground (M):	
(ii) M	1 2	*	
		During the year	Cumulative so far
(i)			
(ii)	. , ,	n external dumps	
4.3	Underground:		
(a)	Driving (metres) in ord		
(b)		ll Drives (in barren) (Metres):	
(c)	Winzing (metres):		
(d)	Raising (metres):		
(e)	Shaft sinking (metres):		
(f)	Stope preparation (met		
(g) (h)	Tonnage of ore blocke Quantity of waste remo		
(i)		jects generated with grade (tonnes):	
(1)	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	Remarks
	Tonne)	
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:

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

	reasons for increase/decrease in production/nil production (of primary ed to the previous month.	or associate minera	l), if any, during the month				
	reasons for increase/decrease in grade wise ex-mine price (of primary or I),if any, during the month compared to the previous month.	associate					
	PART-VII: COST OF PRODUCTI	ION					
	Cost of production per tonne of ore/mineral produced						
	Item	Cost Per me	tric tonne				
(i)	Direct Cost						
	(a) Exploration						
	(b) Mining						
(::)	(c) Beneficiation(Mechanical Only)						
(ii)	Over-head cost						
(iii)	Depreciation Interest						
(iv)	Royalty						
(v) (vi)	Taxes						
(vii)	Dead Rent						
(viii)	Others (specify)						
(1111)	Total						
	formation given under Part VI will be kept confidential, if required. The tion for general studies without revealing the identity or working cost of the f		er, will be free to utilize the				
	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 1 st April, 20 to 31 st 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 MinesRegion, 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,

(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:	E-man.			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail)				
or tume and reduces (s) or Dessee (where (along with tax not and e man)	•			
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 on	e 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			T	
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under	Outside	Total
(i) Already exploited & abandoned by opencast (O/C) mining		forest	forest	
(ii) Covered under current (O/C) Workings			+	
(iii) Reclaimed/rehabilitated			1	+
(iv) Used for waste disposal				
(v) Occupied by plant, buildings, residential, welfare buildings & roads			+	+
(vi) Used for any other purpose (specify)			1	
(vii) Work done under progressive mine closure plan during the year			1	
13. Ownership/exploiting Agency of the mine:			1	1
(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 administrativ	ve clerical and	l technical super	rvisory staff					
Tota			, , , , , , , , , , , , , , , , , , , ,					
2. (i) Number of days the mine wo	orked:							
(ii) No.of shifts per day:								
(iii) Indicate reasons for work						Reasons	No of da	ıys
heavy rain, non-availability of								
operations, etc.) and the number of	of days of wo	rk stoppage for	each of the f	actors separate	ly .			
3.(i) Employment of Labour and	wages paid:-							
Maximum number of persons		any one day du	ring the year	:				
(i)In workings below ground on .			8					
(ii)In all in the mine on	(a)							
				No. of				
				days				
	Total nur	nher of man day	s worked	worked	Average daily number of		Total Wages /Salary	
Classification	Total number of man days worked during the year			during the year	persons employed		bills for the year	
					persons emproyee			
	D: 1		Tr. (1		3.6.1	F 1	TD 4 1	1
(1)	Direct (2A)	Contract	Total	(2)	Male	Female	Total	(5)
(1) A. Below Ground	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
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				1				
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 plane)	ant, mine, work-	shop, power and	l water installati	on)			
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	s)						
(iv)Long Term loans outstanding	-,						
Indicate the names of the leading	institutions such	as State Finance	Corporation, 1	Industrial :	Development a	nd other	Public
Corporations, Co-operative Bank	s, Nationalised E	Banks and other so	urces along w	ith the am	ount of loan fro	om each	source
and the rate of interest at which le	oan has been take	en.					
3.Interest and Rent (in Rs. '000)				,			
(i) Interest paid during the year							
(ii) Rents (excluding surface rent)							
Quantity and cost of		RT - III (Consum		erials)			
1. Quantity and cost of Description	Unit	ied during the year	Quantity		,	Value (I	Dc)
Description	Cint		Qualitity			value (1	XS.)
(i) Fuel	<u> </u>		1		L		
(a) Coal	Tonn	es					
4) B: 10"	* .						
(b) Diesel Oil	Ltrs.						
(c) Petrol (d) Kerosene	Ltrs.						
(e) Gas	Cu.M	ſ					
(ii) Lubricant	Cu.iv.		L				
(a) Lubricant oil	Ltrs.						
(b) Grease	kgs.						
(iii) Electricity			•		•		
(a) Consumed	Kwh						
(b) Generated	Kwh						
(c) Sold	Kwh						
(iv) Explosives (furnish full detai							
(v) Tyres	Nos.						
(vi) Timber & Supports (vii)Drill roads & kits	Nos.						
` '	NOS.						
(viii)Other spares & stores							
2 P 1/2 1 P 4 (C 2000 P)							
2. Royalty and Rents (in' 000 Rs.):	:		Doid for an	mant room	Do	id torrio	uda maat auuaana
(a) Royalty			Paid for cu	rrent year	Pa	na towa	rds past arrears
(b) Dead rent							
(c) Surface rent							
3. Compensation paid for felling to	rees during the vo	ear (in Rs)	1				
4. Depreciation on fixed assets Rs							
5. Taxes and cesses							
X	Amor	unt in Rs. paid du	ring the year t	0:			
X	Centr	ral Govt.		S	State Govt.		
(i) Sales Tax							
(ii) Welfare cess							
(iii) Other taxes & cesses:-							
(b) Cess on dead rent							
(c) Others (please specif	fv)						
(e) Suiters (pieuse speen	137						
6 . Other expenses:							
(i) Overheads							
(ii) Maintenance							
(iii) Money value of other benefit		en					
(iv) Payment made to professiona	al agencies	Dowt IV/C	angumention	of Evulosi	i-rag)		
		Part –IV (C	onsumption	or Explosi	ives)		
1. Licensed capacity of magazine:	(specify unit sep	arately in	Item	Unit	<u> </u>	Capa	city
kg/tonne, numbers, metres)	\r	····· J					<u>v</u>
,							
2. Total production during the year	r (Tonne):						
3. Overburden removed:							
	** *	I 0		.1	I po esta		
Classification of Explosives	Unit	Quantity cons	umed during	ne year	Esitmated re		ent
		Small dia.	Large dia	(above	during the no		Large dia. (above
			Luige UIC	((upto 32 n		

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)

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	
,	ipal constituents	, to			
(iii) Subs 2.(a) (b) (c)	Name(s) of	ck/mineral excavated	and disposed as waste: ated but not sold i.e., mi	neral reject:	

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

stresser tes una ressources estimated at the end of the j	· · · ·		
Classification	Code	Quantity	Grade
			(as per NMI grades as
			indicated in the mining plan)
(1)	(2)	(3)	(4)

40

Total Mineral Resources (A + B)			
A. Mineral Reserve			
Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
Feasibility Mineral Resource	211		
Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
Indicated Mineral Resource	332		
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:

	Exploration	T4	NI1
Meterage	Grid/Dimension	Item	Number
	(as applicable)	Drilling	
Trenching Pitting			
4.2 (A) Detai	Opencast Is of Benches (Separately for mechanised and manual sections)		
	In ore	In OB/Waste	
` /	nber of Benches		
	erage height (metres)		
(1111) Dep	oth of the deepest working from adjacent ground (M):		
(ii) Mi	otal ROM Ore production (tonnes): ineral Rejects generated with grades (tonnes): 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):		

Outside lease area

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

Within lease area

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

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

3. Details of Deductions used for computation of Ex_mine price (As/Nictric Tolline)							
Deduction claimed	Unit (in Rs/Metric Tonne)	Remarks					
a) Cost of transportation (indicate Loading station and Distance from mine in remarks)	10me)						
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	Grade Nature of Despatch	For Domestic Consum	For export				
	(indicate whether for Sale or Captive consumption or Export)	Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantity	F.O.B Value (Rs.)

^{##} Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer

⁽to indicate separately if more than one buyer) for the top five 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

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/A	Agent/
	Mining Engineer/Ma	ınager

For the financial year 1^{st} April, 20__ to 31^{st} March, 20__ ANNUAL RETURN [See rule 45(3) (b)(iv)]

(Read the instructions carefully before filling the particulars)

To

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

_____Region,
PIN:

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

(ii) The State Government

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 :	l .			
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 on	e 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	or mine una			
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under	Outside	Total
12. Deade area (darrace area) dambation ab at the end of year (nectares).		forest	forest	Total
(i) Already exploited & abandoned by opencast (O/C) mining		101001	101050	1
(ii) Covered under current (O/C) Workings				1
(iii) Reclaimed/rehabilitated			1	†
(iv) Used for waste disposal			1	1
(v) Occupied by plant, buildings, residential, welfare buildings & roads			†	1
(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:			1	1
(Public Sector/Private Sector/Joint Sector)				
(1 done sector/1 fivate sector/30int 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				

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 . 3.(i) Employment of Labour and wages paid: Maximum number of persons employed on any one day during the year: (ii) In wrkings below ground on	Т	otal:-								
(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 . 3.(i) Employment of Labour and wages paid: Maximum number of persons employed on any one day during the year: (ii) In workings below ground on									l l	
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 . 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										
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 . 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	(iii) Indicate reasons for wor	rk stoppage ii	n the mine	during the ye	ear (due to stril	кe,	Reas	ons	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	lockout, heavy rain, non-availa	ability of labo	our, transpo	rt bottleneck,	, lack of demar	nd,				
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	uneconomic operations, etc.) a	nd the numbe	r of days of	work stoppa	ge for each of t	he				
Maximum number of persons employed on any one day during the year: (i)In workings below ground on	factors separately .					l				
Maximum number of persons employed on any one day during the year: (i)In workings below ground on										
Maximum number of persons employed on any one day during the year: (i)In workings below ground on	3 (i) Employment of Labour ar	nd wages paid	·-							
(i)In workings below ground on				day during th	e vear:					
Classification Total number of man days worked during the year Direct Contra ct C1 (1) (2A) (2A) (2B) (2B) (2C) (3) (3) (4A) (4B) (4C) (5) A. Below Ground i) Foreman and mining mates ii) Face workers and Loaders					c year.					
Classification Total number of man days worked during the year Direct Contra ct Classification Classification Direct Contra ct Contra c	(ii)In all in the mine on	(a)								
Classification Total number of man days worked during the year Direct Contra ct Total Male Female Total Wages / Salary bills for the year Male Female Total Wages / Salary bills for the year Male Female Total Wages / Salary bills for the year A Selow Ground i) Foreman and mining mates ii) Face workers and Loaders					No. of					
Classification Total number of man days worked during the year Direct Contra ct (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					days					
Classification during the year persons employed Wages/ Salary bills for the year Direct Contra ct 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		TD 4 1 1	c 1		worked			1 '1	1 6	Total
Direct Contra ct (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	C1:f:+:									Wages /
Direct Contra Total Male Female Total Contra Con	Classification	a a	uring the ye	ar	year	persons employed		yeu	Salary bills	
Ct										for the year
Ct										
(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		Direct	Contra	Total		M	ale	Female	Total	
A. Below Ground i) Foreman and mining mates ii) Face workers and Loaders	(1)	(2.4.)		2(0)	(2)	47	4.	4 (P)	1(0)	(5)
i) Foreman and mining mates ii) Face workers and Loaders		(2A)	2(B)	2(C)	(3)	4(.	A)	4(B)	4(C)	(5)
mates ii) Face workers and Loaders			+							
ii) Face workers and Loaders										
,										
III) Oulcis	,			+						+
B. Opencast workings :	, - : : :			+						+
i) Foreman and mining				+						+
mates	_									
ii) Face workers and Loaders										
iii) Others	,									
C. Above ground :	,									
(i) Clerical & Supervisory	8									
Staff. (excluding the										
superior supervisory staff.)										
(ii) Workers in any			1							
Attached factory, Workshop										
or mineral dressing plant.										
(iii) Others	(iii) Others									
Total:	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)	ant, mine, work-	shop, power and	l water installati	on)		
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	r) :-					
(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 institution	ns such as State Finance C	Corporation, In	ndustrial Developme	nt and other Public		
Corporations, Co-operative Banks, Nationa	lised Banks and other sou	rces along wi	th the amount of loa	n from each source		
and the rate of interest at which loan has be		_				
3.Interest and Rent (in Rs.'000)						
(i) Interest paid during the year						
(ii) Rents (excluding surface rent) paid during	g the year					
	PART - III (Consumption of Materials)					
 Quantity and cost of material c 						
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						
(viii)Other spares & stores						
2. Royalty and Rents (in' 000 Rs.):						
X		Paid for cur	rant vaar	Paid towards past arrears		
(a) Royalty		Taid for cur	icht year	Taid towards past arrears		
(b) Dead rent						
(c) Surface rent						
3. Compensation paid for felling trees during	the year (in De)					
4. Depreciation on fixed assets Rs	g tile year (iii Ks)					
Taxes and cesses						
X	Amount in Do maid dum	na tha riaan ta				
X	Amount in Rs. paid duri Central Govt.	ing the year to				
	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						
(11) 77 4 9 4 4 9 14	workmen					
(iv) Payment made to professional agencies						
Part –IV (Consump	tion of Explosives)					
Tart - IV (Consump	non or explosives)					
			1	1 1		

1. Licensed capacity of magazine: (specify unit separately in	Item	Unit	Capacity
kg/tonne, numbers, metres)			
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 i	tems 1,2,6 & 7(i)	may be given once i	n 5 years)	O,	
sepa (a) Name (b) Type (i) (ii) (iii) (iv) (v) (vi) (vii) (c) Quali	rmation asked for une rate sheet and attache of mineral: of ore (Tick mark w Lump Fines Friable Granular Platy Fibrous) Any other (specify ty: iical Analysis of Typ	der (a) to (d) in resed with the return) hichever is applica (7), Powdery etc.	eed	mineral(s) may	be furnished in a	
	onstituent		Gra	de		
		1	2	3	4	
(i) Size F (ii) Princ (iii) Subs	Range ipal constituents sidiary Constituents					
2.(a) (b) (c)	Name(s) of the Typical analysi	ore/mineral excav s of mineral reject	* *	mineral reject:		
Item	1.	2.	3.		4.	
Mineral 1	reject					
	ves and Resources es		of the year.			
	lassification		Code		Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1	1)		(2)		(3)	(4)

Total Mineral Resources (A + B)		
A. Mineral Reserve		
Proved Mineral Reserve	111	
2. Probable Mineral Reserve	121 and 122	
B. Remaining Resources		
Feasibility Mineral Resource	211	
2. Prefeasibility Mineral Resource	221 and 222	
3. Measured Mineral Resource	331	
4. Indicated Mineral Resource	332	
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 opplicable)
Drilling Trenching Pitting	g		
4.2 (A) Detai	Opencast ls of Benches (Separately for	mechanised and manual sections)	
		In ore	In OB/Waste
(ii) Ave (iiii) Dep	nber of Benches rage height (metres) th of the deepest working from		
(B) (i) To	otal ROM Ore production (ton neral Rejects generated with g		
. ,	1 ,	e removed during the year (tonne	
		During the year	Cumulative so far
(i)	Quantity back filled		
(ii)		external dumps	
4.3	Underground:		
(a)	Driving (metres) in ore:		
(b)		Orives (in barren) (Metres):	
(c)	Winzing (metres):		
(d)	Raising (metres):		
(e)	Shaft sinking (metres):		
(f)	Stope preparation (metre		
(g)	Tonnage of ore blocked to Quantity of waste remove	1 0 ,	
(h) (i)		ets 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 Cr ₂ O ₃ content)	Opening stock at mine head	Production	Despatches from mine head	Closing stock at mine- head	Ex-mine price (Rs./ Metric Tonne)
A. Lumps:-					
(a) Below 40% Cr ₂ O ₃					
(b) 40% to below 52 % Cr ₂ O ₃					
(c) 52% Cr ₂ O ₃ and above					
B. Fines:-					
(a) Below 40% Cr ₂ O ₃					
(b) 40% to below 52 % Cr ₂ O ₃					
(c) 52% Cr ₂ O ₃ and above					
C. Concentrates					

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

3. Details of Deductions used for computation of Ex_mine price (Rs/Metric Tonne)					
Deduction claimed	Unit (in Rs/Metric	Remarks			
	Tonne)				
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:

ii baics/ Dec	spatches effected for Bolli	estre consumption and for E	nporto.				
Grade		For Domestic Consum	ption		F	or export	
	Nature of Despatch (indicate whether for Sale or Captive consumption or Export)	Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer ##	Quantity	Sale value	Country	Quantit y	F.O.B Value (Rs.)

^{##} Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer

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

⁽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.

invoices.

5. Give	reasons for increase/decrease in production/nil production ed to the previous month.	of primary or associate mineral), if any, during the month
a)	ou to the provious month.	
b) c)		
-,		
Mineral	reasons for increase/decrease in grade wise ex-mine price (of l),if any, during the month compared to the previous month.	primary or associate
a) b)		
c)	PART-VII: COST OF I	PRODUCTION
	Cost of production per tonne of ore/mineral 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) (vi)	Royalty Taxes	
(vii)	Dead Rent	
(viii)	Others (specify)	
Note: Ir	Total formation given under Part VI will be kept confidential, if re	quired. The Government, however, will be free to utilize the
	tion for general studies without revealing the identity or working	
	VERIFICAT	ION
	V ZIMI I OIII	
T		
I certify	that the information furnished above is correct and complete in	all respects.
DI		G:
Place: Date:		Signature Name in full:
		Designation: Owner/Agent/
		Mining Engineer/Manager";
	FORM H-5 For the financial year 1 st April, 20 to 31 st March,20 ANNUAL RE [See rule 45(3)	
	[See Tule 43(3)	
То	(Read the instructions carefully before filling the p	articulars)
(i)	The Regional Controller of Mines	
	Indian Bureau of MinesRegion,	
	PIN:	
	(Please address to Regional Controller of Mines in whose ter by the Controller General, Indian Bureau of Mines under Rui 1988)	ritorial jurisdiction the mines falls as notified from time to time e 62 of the Mineral Conservation and Development rules,
(ii)	The State Government	
	PART – I (Ger	neral)
1. Deta	ils of Mine:	
	stration number allotted by Indian Bureau of Mines (to give	
	tion number of the mine owner/ agent/ mining engineer/	
manage	r signing the return)	
(b) Min	e Code	Copper/Gold/Lead/Pyrites/Tin/Tungsten/Zinc
(b) Min (c) Nan		Copper/Gold/Lead/Pyrites/Tin/Tungsten/Zinc

(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-n	nail):			
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		1		
(Furnish information on items (i) to (v) lease-wise in case mine works	ings cover more than o	ne iease)		
(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 n	name of mine and			
mineral produced	anne or mine and			
12. Lease area (surface area) utilisation as at the end of year (hectare	es):	Under	Outside	Total
22. Deutse uren (surruee uren) utmastron us ut ure enu er yenr (neemre	23)•	forest	forest	10
(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)

(ii) No.of shifts per day:								
(iii) Indicate reasons for work stopp lockout, heavy rain, non-availability of uneconomic operations, etc.) and the r	of labour, ti	ansport bottle	neck, lack of	demand,	Reasons		No of days	S
factors separately .				_				
3.(i) Employment of Labour and wages	s paid:-							
Maximum number of persons emplo (i)In workings below ground on (ii)In all in the mine on	(a)		the year:					
Classification	Total nui	nber of man da during the yea		No. of days worked during the year	Average	daily number employed	of persons	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.			1					
(iii) Others		1			1			

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

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

Total:

^{**} 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	ar) :-			
(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 institution	ons such as State Finance	Corporation, Industri	al Developme	ent and other Public
Corporations, Co-operative Banks, Nation	alised Banks and other so	urces along with the	amount of loa	n from each source
and the rate of interest at which loan has b		C		
3.Interest and Rent (in Rs. '000)				
(i) Interest paid during the year				
(ii) Rents (excluding surface rent) paid duri	ng the year			
	PART - III (Consum)	ption 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	Cu.ivi.			
(a) Lubricant oil	Ltrs.			
(b) Grease	kgs.			
(iii) Electricity	kgs.			
(a) Consumed	Kwh			
(b) Generated	Kwh			
(c) Sold	Kwh			
(iv) Explosives (furnish full details in Part				
(v) Tyres	Nos.			
(vi) Timber & Supports	1105.			
(vii)Drill roads & kits	Nos.			
` '	1105.			
(viii)Other spares & stores				
4 P 1 1 P ((1000 P)				
2. Royalty and Rents (in' 000 Rs.):		I 5 : 1 0		I so the second
X		Paid for current ye	ar	Paid towards past arrears
(a) Royalty				
(b) Dead rent				
(c) Surface rent	.1 (C. D.)			
Compensation paid for felling trees during Depreciation on fixed assets Rs	ig the year (in Ks)			
Depreciation on fixed assets Rs Taxes and cesses				
5. Taxes and cesses X	Amount in Rs. paid dur	ing the year to:		
X	Central Govt.	ing the year to:	State Govt.	
	Central Govt.		State Govt.	
(i) Sales Tax (ii) Welfare cess				
(ii) Other taxes & cesses:-			l	
(a) Mineral cess	1		1	
(b) Cess on dead rent				
(c) Others (please specify)				
(c) Others (please specify)				
6 . Other expenses:	1		1	
(i) Overheads				
(ii) Maintenance				
(iii) Money value of other benefits paid to	workmen			
(iv) Payment made to professional agencie				

Part –IV (Consumption of Explosives)

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

Classification of Explosives	Unit	Quantity consur	ned 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				
D:00	unit)		0		

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.

Cor	nstituent		Grad	le	
		1	2	3	
i) Size R ii) Princi					
ii) Princi iii) Subs	pal constituents idiary Constituents				
ii) Princi	ipal constituents idiary Constituents Name of rock/		and disposed as waste		

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)

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Total Mineral Resources (A + B)		
A. Mineral Reserve		
Proved Mineral Reserve	111	
2. Probable Mineral Reserve	121 and 122	
B. Remaining Resources		
Feasibility Mineral Resource	211	
2. Prefeasibility Mineral Resource	221 and 222	
3. Measured Mineral Resource	331	
4. Indicated Mineral Resource	332	
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 Trenchir Pitting			
	Opencast ails of Benches (Separately for mecha	nised and manual secti	ions)
		In ore	In OB/Waste
()	mber of Benches		
	erage height (metres)		
(iiii) De	pth of the deepest working from adja	cent ground (M):	
` /	l quantity of Overburden/Waste remo	<i>U</i> , \	,
(i)	Quantity back filled		
(ii)	Quantity disposed of in externa	ıl 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 sto		
(h)	Quantity of waste removed (tor		
(i)	Quantity of mineral rejects gen		nes):
4.4.5.37		Outside lease area	
4.4 1) N	umber of trees planted during the yea	ır	

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) Survival rate in percentage

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

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

	Openi	ng stocks	Produc	tion	Closing stocks	
	Quantity	Metal content/grade	Quantity	Metal content/grade	Quantity	Metal content/grade
A. From Underground workings						
i) From development						
ii) From Stoping						
B. From Opencast workings						
Total						

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

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

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

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

.Recovery at the Smelter/Mill/Plant:-

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

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

5. Sales during the month:-

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

Note:

- (*) Please give category-wise break-up viz. blister, fire refined copper, cathodes, electrolytic copper wire bars, lead ingots, zinc cathodes, zinc dross, gold, tungsten etc.
- (#) Please give ex-plant sale value including excise duty but excluding other taxes.
- (@) Please give category-wide break-up of metals and other products sold.

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

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

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

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

^{*}This includes ore as well as concentrates.

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

(to indicate separately if more than one buyer) for the top five 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.

- 8. Give reasons for increase/decrease in production/nil production (of primary or associate mineral), if any, during the month compared to the previous month.
- b)
- c)
- 9. Give reasons for increase/decrease in grade wise ex-mine price (of primary or associate Mineral), if any, during the month compared to the previous month.
- 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: Signature
Date: Name in full:

Designation: Owner/Agent/
Mining Engineer/Manager

FORM H-6 For the financial year 1st April, 20__ to 31st March,20____ ANNUAL RETURN [See rule 45(3) (b)(vi)]

(Read the instructions carefully before filling the particulars)

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

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

(ii) The State Government

PART – I (General)

1. Details of Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give	
registration number of the mine owner/ agent/ mining engineer/ manager	
signing the return)	
(b) Mine Code	
(c) Name of the Mineral	Mica
(d) Name of Mine	
(e) Name(s) of other mineral(s),	
if any, produced from the same mine	
2. Location of the Mine :	1
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	
50	

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 (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): (ii) Already exploited & abandoned by opencast (O/C) mining (iii) 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/Joints Sector)	5. Director in charge :				
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): (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:	6. Agent :				
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): (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 may other purpose (specify) (vii) Work done under progressive mine closure plan during the year 13. Ownership/exploiting Agency of the mine:	7. Manager:				
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): (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:	8.Mining Engineer in charge:				
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): (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:					
(i) Area under lease (hectares): Under Forest Outside Forest Total (ii) Date of execution of mining lease deed (iii) Period of lease (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): (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:	10. Transferer (previous owner) if any, and date of transfer:				
(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): (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:					
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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): (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:	(i) Area under lease (hectares);				
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): (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:					
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): (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:	Under Forest				
(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): (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:	Outside Forest				
(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): (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:	Total				
(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): (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:	(ii) Date of execution of mining lease deed				
(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): (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:	()				
(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 forest (i) Already exploited & abandoned by opencast (O/C) mining (ii) Covered under current (O/C) Workings (iii) Reclaimed/rehabilitated (iv) Used for waste disposal (v) Occupied by plant, buildings, residential, welfare buildings & roads (vi) Used for any other purpose (specify) (vii) Work done under progressive mine closure plan during the year 13. Ownership/exploiting Agency of the mine:					
mineral produced 12. Lease area (surface area) utilisation as at the end of year (hectares): Under forest forest (i) Already exploited & abandoned by opencast (O/C) mining (ii) Covered under current (O/C) Workings (iii) Reclaimed/rehabilitated (iv) Used for waste disposal (v) Occupied by plant, buildings, residential, welfare buildings & roads (vi) Used for any other purpose (specify) (vii) Work done under progressive mine closure plan during the year 13. Ownership/exploiting Agency of the mine:	(v) Date and period of renewal (if applicable)				
12. Lease area (surface area) utilisation as at the end of year (hectares): (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:	(vi) In case there is more than one mine in the same lease area, indicate name	of mine and			
(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:					
(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:	12. Lease area (surface area) utilisation as at the end of year (hectares):				Total
(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:			forest	forest	
(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:					
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(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:	()				
(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:					
(vii) Work done under progressive mine closure plan during the year 13. Ownership/exploiting Agency of the mine:					
13. Ownership/exploiting Agency of the mine:					
(Public Sector/Private Sector/Joint Sector)					
	(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	Reasons	No of days			
factors separately .					
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)(a)(ii)In all in the mine on(a)(a)(a)(a)(a)(a)(a)(a)					

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

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

PART-II A (Capital Structure)

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

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

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

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

2. Source of Finance (as at the end of the year):-	
(i) Paid up Share Capital (Rs.'000)	
(ii)Own Capital (Rs. '000)	
(iii)Reserve & Surplus (All Types)	
(iv)Long Term loans outstanding	
Indicate the names of the leading institutions such as State Finance Corporation, In	dustrial Development and other Public
Corporations, Co-operative Banks, Nationalised Banks and other sources along with	th the amount of loan from each source
and the rate of interest at which loan has been taken.	
2 Interest and Pont (in Pg 2000)	

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

(ii) tents (excluding surface tent) paid dur	PART - III (Consum			
1. Quantity and cost of material	consumed during the year			
Description	Unit	Quantity		Value (Rs.)
(i) Fuel		1		
(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 Par	rt IV)			
(v) Tyres	Nos.			
(vi) Timber & Supports				
(vii)Drill roads & kits	Nos.			
(viii)Other spares & stores				
2. Royalty and Rents (in' 000 Rs.):		,		<u></u>
X		Paid for current ye	ear	Paid towards past arrears
(a) Royalty				
(b) Dead rent				
(c) Surface rent				
3. Compensation paid for felling trees duri	ng the year (in Rs)			
4. Depreciation on fixed assets Rs				
5. Taxes and cesses				
X	Amount in Rs. paid du	ring 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	o workmen			
(iv) Payment made to professional agenci				
, - a a justilia a professional agener			ı	

$\boldsymbol{Part-IV} \ (\ Consumption \ of \ Explosives)$

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			Esitmated requiren during the next year	
		Small dia.	Large dia. (above	Small dia.	Large dia. (above
		(upto 32 mm)	32 mm)	(upto 32 mm)	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	Kg.				
cartridges					
5.Slurry explosives	Kg.				
(Mention different trade					
names)					
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)

sepa (a) Name (b) Type (i) (ii) (iii) (iv) (v) (vi) (vii) (c) Quali	rmation asked for under rate sheet and attached of mineral: of ore (Tick mark who Lump Fines Friable Granular Platy Fibrous) Any other (specify) ty: iical Analysis of Typic	er (a) to (d) in rest d with the return) ichever is applica , Powdery etc.	ible)	mineral(s) may	be furnished in a	
Co	onstituent		Grade	e		
		1	2	3	4	
(i) Size F (ii) Princ	Range ipal constituents sidiary Constituents					
2.(a) (b) (c)	Name(s) of the or Typical analysis	ore/mineral excav of mineral reject	` '	v		
Item	1.	2.	3.		4.	
Mineral i	reject					
3. Reser	ves and Resources est		of the year.			
С	lassification		Code		Quantity	Grade (as per NMI grades as indicated in the mining plan)

(2)

(3)

(4)

(1)

Total Mineral Resources (A + B)			
A. Mineral Reserve			
Proved Mineral Reserve	111		
2. Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
Feasibility Mineral Resource	211		
Prefeasibility Mineral Resource	221 and 222		
Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
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:

Exploration			
Number	Meterage	(as applicable)	Grid/Dimension
· ·			
Opencast Is of Benches (Separately for mechanisms)	anised and manual	sections)	
nber of Benches rage height (metres)	In ore		n OB/Waste
tal ROM Ore production (tonnes): neral Rejects generated with grades	s (tonnes):		
Г	Ouring the year	Cun	 nulative so far
Quantity back filled Quantity disposed of in externa	al dumps		
Underground: Driving (metres) in ore: Cross Cutting/Footwall Drives Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres): Tonnage of ore blocked for sto Quantity of waste removed (to Quantity of mineral rejects ger	oping (tonnes): nnes): nerated with grade (s): (tonnes):	
	Opencast Is of Benches (Separately for mechanism of Benches (Separately for mechanism of Benches (Separately for mechanism of Benches) It al ROM Ore production (tonnes): Ineral Rejects generated with grades quantity of Overburden/Waste rem Quantity back filled Quantity disposed of in externative (Toross Cutting/Footwall Drives Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres): Tonnage of ore blocked for sto Quantity of waste removed (to Quantity of mineral rejects ger	Opencast Is of Benches (Separately for mechanised and manual In ore stall ROM Ore production (tonnes): neral Rejects generated with grades (tonnes): Quantity of Overburden/Waste removed during the year Ouring the year Ountity back filled Quantity disposed of in external dumps Underground: Driving (metres) in ore: Cross Cutting/Footwall Drives (in barren) (Metre Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres): Tonnage of ore blocked for stoping (tonnes): Quantity of mineral rejects generated with grade or stoping (manual process): Quantity of mineral rejects generated with grade or stoping (tonnes): Quantity of mineral rejects generated with grade or stoping (tonnes): Quantity of mineral rejects generated with grade or stoping (tonnes): Quantity of mineral rejects generated with grade or stoping (tonnes): Quantity of mineral rejects generated with grade or stoping (tonnes):	Opencast Is of Benches (Separately for mechanised and manual sections) In ore

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

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

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

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

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

(ii) Furnish following information every year:

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

- 8. Furnish surface and/or underground plans and sections as prepared and brought uptodate (as required under rule 28 of MCDR)
- 9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

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

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

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

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

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

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

or builds De	spatenes effected for De	mestic consumption and for Exports.	
Grade	Nature of Despatch	For Domestic Consumption	For export

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

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five 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 kilogram of ore/mineral produced

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

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

VERIFICATION

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

Place: Signature
Date: Name in full:

Designation: Owner/Agent/ Mining Engineer/Manager

FORM H-7
For the financial year 1st April, 20__ to 31st March,20____

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

 $(Read\ the\ instructions\ carefully\ before\ filling\ the\ particulars)$

To (i)

The Regional Controller of Mines Indian Bureau of Mines

Indian Bureau of Mine _____Region,

INI.

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

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PART – I (General)

1. Details of Mine:				
(a) Registration number allotted by Indian Bureau of Mines (to give				
registration number of the mine owner/agent/mining engineer/manager				
signing the return)				
(b) Mine Code				
(c) Name of the Mineral				
\ /				
(d) Name of Mine				
(e) Name(s) of other mineral(s),				
if any, produced from the same mine				
2. Location of the Mine :				
Village				
Post Office				
Tahsil/Taluk				
District				
State and PIN Code				
	г и			
Fax no:	E-mail:			
Phone no:				
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail)	:			
NI CD				
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 on	e lease)		
(') A 1 1 (1 ()				
(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	of fiffic and			
1		Under	0-4-11-	T-4-1
12. Lease area (surface area) utilisation as at the end of year (hectares):			Outside	Total
(i) Already exploited & abandoned by opencast (O/C) mining			forest	
		-	-	
(ii) Covered under current (O/C) Workings			1	
(iii) Reclaimed/rehabilitated				
(iv) Used for waste disposal			ļ	
(v) Occupied by plant, buildings, residential, welfare buildings & roads			1	
(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)				
		<u>I</u>		

PART - II (Employment & Wages)

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

(1)	Graduate Mining Engineer								
	Diploma Mining Engineer								
(iii)	Geologist								
(iv)	Surveyor								
(v)	Other administrative cleric	al and techn	ical supervisory	y staff					
	Total:-								
2.(i) Number of	of days the mine worked:								
(ii) No.of shi	fts per day:								
	(iii) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, eavy rain, non-availability of labour, transport bottleneck, lack of demand, uneconomic					Reasons		No	of days
operations, etc	on-availability of labour, to and the number of days	ransport bot of work stor	nieneck, lack o page for each	of demand, ur of the factors	separately				
	•	•							
	ent of Labour and wages p								
Maximum i	number of persons employ below ground on	ed on any on	e day during th	ne year:					
	mine on(
					No. of days				
		Total number of man days worked during the year			worked	Average daily number of person employed			Total
C	lassification				during the year				Wages /Salary bills
				for the year					
(1)		Direct	Contract	Total	(2)	Male	Female 4(B)	Total	(5)
` ,		(2A)	2(B)	2(C)	(3)	4(A)	4(D)	4(C)	(5)
A. Below Gro									
i) Foreman and	_								
ii) Face worker	rs and Loaders								
iii) Others	11								
B. Opencast v									
i) Foreman and ii) Face worker									
iii) Others	is and Loaders								
C. Above grou	und:								
(i) Clerical & S	Supervisory Staff.								
	superior supervisory								
staff.)									
	any Attached factory, nineral dressing plant.								
(iii) Others								1	
T	otal:					1			
		1	1		L				I

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, beneficiat		shop power and	water installati	On)		
Description	As at the beginning of the year	Additions during the Year	Sold or discarded during the year	Depreciation during the year	Net closing Balance (2+3)- (4+5)	Estimated market value**
1	2	3	4	5	6	7
(vii) Land***						
(ii) Building:						
Industrial		•				

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

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

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

Quantity and cost of material consumed during the year

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)

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 Pa	rt IV)				
(v) Tyres	Nos.				
(vi) Timber & Supports					
(vii)Drill roads & kits	Nos.				
(viii)Other spares & stores					
2. Royalty and Rents (in' 000 Rs.): X (a) Royalty		Paid for current ye	ear	Paid towards past arrears	
(b) Dead rent					
(c) Surface rent					
3. Compensation paid for felling trees dur	ing the year (in Dc)				
Depreciation on fixed assets Rs	ing the year (in Ks)				
5. Taxes and cesses					
X	Amount in Rs. paid du	ring the year to:			
X	Central Govt.	ing the year to.	State Govt.		
(i) Sales Tax	Central Gove.		State Gove.		
(ii) Welfare cess			1		
(iii) Other taxes & cesses:-	ı		1		
(a) Mineral cess					
(b) Cess on dead rent			1		
(b) Cess on dead lent					
(c) Others (please specify)					
(c) Others (please specify)					
(c) Others (please specify) 6. Other expenses:					

(iv) Payment made to professional agencies	

Part –IV (Consumption of Explosives)

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

Classification of Explosives	Unit	Quantity consu	med 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:

(h)	Type	of	ore	(Tick	mark	whichever	·is	applic	cable	:)
٧.	σ_J	1 ypc	OI	OIC.	(I ICK	mun	WILL CLIC VC	. 10	appin	Judic	′)

- 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	
	ange ipal constituents idiary Constituents				
2.(a) (b)	Name(s) of the or		d disposed as waste: ed but not sold i.e., m	ineral reject:	
(c)					

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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			
 Proved Mineral Reserve 	111		
Probable Mineral Reserve	121 and 122		
B. Remaining Resources			
Feasibility Mineral Resource	211		
2. Prefeasibility Mineral Resource	221 and 222		
3. Measured Mineral Resource	331		
4. Indicated Mineral Resource	332		
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. 4.1.	Mining Operations during the Exploration	year:	Ü	
Item	Number	Meterage	(as applicable)	Grid/Dimension
Drilling Trench Pitting				
4.2 (A) Det	Opencast tails of Benches (Separately for mech	anised and manual s	ections)	
		In ore		n OB/Waste
(ii) A (iiii) D	umber of Benches verage height (metres) epth of the deepest working from adja			
(B) (i)	Total ROM Ore production (tonnes): Mineral Rejects generated with grades			
. ,	al quantity of Overburden/Waste rem		, ,	
	Du	ring the year	Cumulati	ive so far
(i)	Quantity back filled			
(ii)	Quantity disposed of in externa			
4.3	Underground:			
(a)	Driving (metres) in ore:			
(b)	Cross Cutting/Footwall Drives	s (in barren) (Metres):	
(c)	Winzing (metres):			
(d)	Raising (metres):			
(e)	Shaft sinking (metres):			
(f)	Stope preparation (metres):			
(g)	Tonnage of ore blocked for sto			
(h)	Quantity of waste removed (to			
(i)	Quantity of mineral rejects ger			
		Outside lease area	a	
44i) N	Number of trees planted during the ve-	ar		

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)

ii) Survival rate in percentage

- 6.(i) Give details of future plans, if any, of exploration and development, production schedule, replacements and expansion of machinery and equipment etc.
- (ii) If you have laboratory facilities for R & D and if so, give a brief description:
- 7.(i) Details of mineral Treatment Plant, if any. Give a brief description of the process capacity of the machinery deployed and its availability. (Enclose Flow Sheet and Material Balance of the Plant).

(ii) Furnish following information every year:

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

- 8. Furnish surface and/or underground plans and sections as prepared and brought uptodate (as required under rule 28 of MCDR)
- 9. Please indicate the salient features which affected mining operations during the year.

PART-VI (PRODUCTION, DESPATCHES AND STOCKS)

1.R.O.M production:-

Category	Unit of quantity	Quantity
i)Opencast		
ii)Underground		

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

2. Production, stocks and despatches:-

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

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

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

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

4. Sales/	Desnatches	effected for	Domestic	Consumi	ntion and	for Exports:

Grade#	Nature of Despatch	For Domestic Consumption	For export

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

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

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

Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five 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 unit of ore/mineral produced;unit of quantity as reported in Part VI

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

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

VERIFICATION

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

Place:	Signature	
Date:	Name in full:	
	Designation: Ov	wner/Agent/
	Mining Engine	er/Manager

FORM H-8
For the financial year 1st April, 20__ to 31st March,20___
ANNUAL RETURN
[See rule 45(3) (b)(viii)]

(Read the instructions carefully before filling the particulars)

To

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

PIN

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

(ii) The State Government

PART – I (General)

1. Details of Mine:				
(a) Registration number allotted by Indian Bureau of Mines (to give				
registration number of the mine owner/ agent/ mining engineer/ manager				
signing the return)				
(b) Mine Code				
(c) Name of the Mineral				
(d) Name of Mine				
(e) Name(s) of other mineral(s),				
if any, produced from the same mine				
1 2				
2. Location of the Mine :	1			
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				
	E maile			
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 on	e lease)		
(
(i) Area under lease (hectares):				
		ı		
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			T	T
12. Lease area (surface area) utilisation as at the end of year (hectares):		Under	Outside	Total
		forest	forest	
(i) Already exploited & abandoned by opencast (O/C) mining				
(ii) Covered under current (O/C) Workings				
(iii) Reclaimed/rehabilitated	<u> </u>			
(iv) Used for waste disposal				
(v) Occupied by plant, buildings, residential, welfare buildings & roads				
(vi) Used for any other purpose (specify)			İ	1
(vii) Work done under progressive mine closure plan during the year			1	1
13. Ownership/exploiting Agency of the mine:			I	1
(Public Sector/Private Sector/Joint Sector)				
(1 done sector/1 fivate sector/30filt sector)				
				_

PART - II (Employment & Wages)

1.Number of technical and supervisory	staff employ	ed at the mine						
Description					Wholly emp	loyed	Par	tly employed
(i) Graduate Mining Engineer					, 1			
(ii) Diploma Mining Engineer								
(iii) Geologist								
(iv) Surveyor								
(v) Other administrative cler	rical and tech	mical superviso	ory staff					
Total:- 2. (i) Number of days the mine worked:								
(ii) No.of shifts per day:								
(iii) Indicate reasons for work stopp	page in the i	mine during th	ne vear (due	to strike.	Reasons		No	of days
lockout, heavy rain, non-availability	of labour, tra	ansport bottlen	eck, lack of	demand,				
uneconomic operations, etc.) and the r	number of da	ys of work sto	oppage for ea	ich of the				
factors separately .				-				
				-				
3.(i) Employment of Labour and wages	naid:							
Maximum number of persons emplo		one day during	the year:					
(i)In workings below ground on			ine year.					
(ii)In all in the mine on	(a)			1	1			_
				No. of days				
				worked				
				during the				Total Wages
Classification	Total number of man days worked			year	Average	daily number	of persons	/Salary bills for
		during the year	r			employed		the year
	Direct	Contract	Total		Male	Female	Total	_
(1)	(2A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
	(211)	Z(B)	2(0)	(3)	7(11)	4(D)	4(0)	(3)
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:								

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

^{*} 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.

^{***} 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) Quantity and cost of material consumed during the year Description 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 durin	g the year (in Rs)		
4. Depreciation on fixed assets Rs			
5. Taxes and cesses			
X	Amount in Rs. paid dur	ring the year to:	

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

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:		<u> </u>	
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid			
(iv) Payment made to professional agen	cies		

Part -IV (Consumption of Explosives)

1. Licensed capacity of magazine: (specify unit separately in	Item	Unit	Capacity
kg/tonne, numbers, metres)			
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.	Large dia. (above	Small dia.	Large dia. (above	
		(upto 32 mm)	32 mm)	(upto 32 mm)	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	Kg.					
cartridges						
5.Slurry explosives	Kg.					
(Mention different trade						
names)						
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)	<u> </u>				

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		Grad	le	
	1	າ	3	

(iii) Subsi	pal constituents diary Constituents				
2.(a) (b) (c)	Name(s) of the o Typical analysis	of mineral reject(s)	out not sold i.e., mineral re		
Item	1.	2.	3.	4.	
Mineral re	eject				
		mated at the end of the	e vear.		
	assification		Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)		(2)	(3)	(4)
A. Mine 1. 2. B. Rem 1. 2. 3. 4. 5. 6. Note F to them in 4. 4.1.	the Guidelines issued Mining Operation Exploration	esource I Resource source ource ral Resource bts, the classification I by Indian Bureau of ns during the year:	Mines in this regard.		
		Mete	erage (as applicat		mension
Drilling Trenching Pitting					
	Opencast Is of Benches (Separa	tely for mechanised ar	nd manual sections)		
(i) Nun (ii) Ave (iiii) Dep	nber of Benches rage height (metres) th of the deepest worl	king from adjacent gro	In ore bund (M):	In OB/Waste	
(B) (i) To	tal ROM Ore product):		
		en/Waste removed du	ring the year (tonnes)		
		During th	e year	Cumulative so far	
(i) (ii)	Quantity back fil Quantity dispose	led d of in external dumps			
4.3 (a) (b) (c) (d) (e) (f) (g) (h) (i)	Underground: Driving (metres) Cross Cutting/Fo Winzing (metres): Raising (metres): Shaft sinking (m: Stope preparation Tonnage of ore b Quantity of waste	in ore: otwall Drives (in barro): cetres):	en) (Metres) : nnes):		

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 price of Processed/Sorted ore:

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

* The grades are as below:-

MINERAL	GRADES
Asbestos	a)Amphibole
	B)Chrysotile
Barytes	(a) White (including snow-white)
	(b) Off colour
Fluorite/Fluorspar	(a) 85% CaF ₂ and above
	(b) 70 to below85% CaF ₂
	(c) 30 to below 70% CaF ₂

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

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

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

3(ii) Average cost of pulverization :Rs per tonn
--

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

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

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

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

^{##} Consignee name and Registration number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer) for the top five 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.

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

a)

b) c)

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

a)

b) c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

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

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

VERIFICATION

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

Place: Signature
Date: Name in full:

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

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

"FORM-M

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

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

To,

The Controller General Indian Bureau of Mines Nagpur- 440001

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

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

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

3. Details of the applicant:

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

(i)	Name	Shri / Smt. (First name) / (Middle name) / (Last name)
\ \ /	- 1	
(ii)	Position in mine	o Owner
	(please tick mark the	o Agent
	option)	 Mining engineer
		o Manager
(iii)	Address	(Door number/ building number/ plot number)
	Block	(street number / block number)
	Taluka	
	District	
	State / U.T	
	Pin code	
(iv)	Telephone	Office :
		Fax :
		Residence:
		Mobile :
(v)	PAN number	
(vi)	Voter ID number	
(vii)	Passport number /	
	driving licence	
	number	

In case of association of individuals: **(b)**

(i)	Name of Association, or name of the Signing authority of association					
(ii)	Address Block	(Door number/b) (street number/	uilding number/ plot block number)	number)		
	Taluka		,			
	District					
	State / U.T					
	Pin code					
(iii)	Telephone	Office : Fax : Residence : Mobile :				
(iv)	Details of Associates	Name	Pan number	Voter ID number	Citizenship	Passport number / driving licence number (if available)

In case of a Firm: (c)

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

	Details of partners	Name of partner	Pan number	Voter ID	Citizenship	Passport
	in the Firm			number	_	number /
						driving licence
						number (if
						available)
(v)	Registration number of Firm (as					
	registered under					
	Indian Partnership					
	Act, 1932)					
(vi)	Name of the State					
` /	where registered					
(vii)	Date of registration	(dd/mm/yyyy)				
(d)	In case of a company	:				
(i)	Name of Company					
(ii)	Corporate Address					
	G:					
	State / U.T Pin code					
(iii)	Telephone	Office :				
(III)	reiephone	Fax :				
(iv)	Details of Directors	Name	Pan number	Voter ID	Citizenship	Passport
	in the Company			number		number /
						driving licence
						number (if
						number (if available)
(v)	Registration					
(v)	Registration number of					
(v)	number of					
(v)	number of Company (as registered under					
(v)	number of Company (as registered under Indian Companies					
	number of Company (as registered under Indian Companies Act, 1956)					
(v)	number of Company (as registered under Indian Companies Act, 1956) Name of the State					
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered	(dd/mm/yyyy)				
	number of Company (as registered under Indian Companies Act, 1956) Name of the State	(dd/mm/yyyy) Name				
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for	Name				
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business					
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for	Name Designation				
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation Address				
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation	Office:			
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation Address	Residence:			
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation Address Phone no				
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation Address Phone no PAN no.	Residence:			
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation Address Phone no PAN no. Voter ID no.	Residence:			
(vi)	number of Company (as registered under Indian Companies Act, 1956) Name of the State where registered Date of registration Details of Officer responsible for conduct of business	Name Designation Address Phone no PAN no.	Residence: Mobile:			

Name of partner Pan number

Voter ID

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

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

⁽Attach extra sheet, if required)

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

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

 (Attach extra sheet, if required)
 Please give details of reconnaissance licence held at the time of applying for registration, if any, by the Individual/ Association of Individuals / Firms or Company.

Sr. No					Area held under RP (in ha)	Name of Minerals	Date of grant	Period	Date of execution of licence		
	Villages	Taluka s	Districts	State	Lati- tude (ddmm ss)	Long- itude (dd mm ss)	,				

(Attach extra sheet, if required)
6. If engaged in mineral trading/ storage and export, please give details of storage facilities owned at the time of applying for registration.

Sr. No.		Location(s) of area used for storage				Area Owned/ held under rent (In hectres)	Mineral Name	Remarks	
	Villa-ge	Talu-ka	Distri-ct	Sta- te	Lati- tude (ddmm ss)	Longi- tude (ddmms s)			

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

Sr.		Location(s) of plant where mineral is used						Mineral	Average	Remarks
No.								consumed	consump-tion	
									per year	
	Villa-ge	Talu-ka	Distri-ct	Sta-	Lati-	Longi-				
				te	tude	tude				
					(ddmm	(ddmms				
					ss)	s)				

post offic		VERIFICATION age occupation resident of village/town/city taluka district state certify that the ad correct in all respects.
Place:		Signature:
Date:		Name in full:
	e filled by the applicant rnal use of the Indian Bureau o	f Mines)
Registrati	ion Number assigned by IBM:	
Random	Number	

FORM N For the month of _____20 MONTHLY RETURN

[See Rule 45(4)(i)]

- 1	റ

(i) The State Government

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

____Region,

PIN

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

INSTRUCTIONS FOR FILLING UP THE FORM

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

GENERAL PARTICULARS

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

DETAILS OF THE ACTIVITY

(a) Trading Activity

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

(b) Export of ore

Grade-wise	Openin	Ore procured during the month	Ore imported	Ore despatched for exports	Closing
ore/mineral/metal/scr	g stock	for export (from within the	during the	during the month	stock
ap		country)	month	-	

Quantit	Registratio	Quantit	Valu	Quantit	Valu	Registratio	Quantit	Valu	Quantit
y (in	n number	y (in	e	y (in	e	n number	y (in	e	У
tonnes)	as allotted	tonnes)	(in	tonnes)	(in	as allotted	tonnes)	(in	(in
	by the		Rs.)		Rs.)	by the		Rs.)	tonnes)
	Indian					Indian			
	Bureau of					Bureau of			
	Mines to					Mines to			
	the					the buyer			
	supplier					(to			
	(to					indicate			
	indicate					separately			
	separately					if more			
	if more					than one			
	than one					buyer)			
	supplier)								
	11 - /								

(c) End-use mineral based activity

Grade-wise ore/mineral/metal /scrap	Openi ng stock	Ore purcha month (wit			Ore imported during the month		Ore consumed during the month		Ore sold during the month			Closin g stock
	Quant ity (in tonnes)	Registrat ion number as allotted by the Indian Bureau of Mines to the supplier (to indicate separatel y if more than one supplier)	Quant ity (in tonnes)	Val ue (in Rs.)	Quant ity (in tonnes)	Val ue (in Rs.)	Quant ity (in tonnes)	Val ue (in Rs.)	Registrat ion number as allotted by the Indian Bureau of Mines to the buyer (to indicate separatel y if more than one buyer)	Quant ity (in tonnes)	Val ue (in Rs.)	Quant ity (in tonnes)
	1	1	1		1		ĺ	I	1	ĺ		

(d) Storage Activity

Grade-wise ore/mineral/metal/sc rap	Openin g stock	Ore received (within the c		month	Ore impo during the month		Ore despatched d	luring the n	onth	Closing stock
	Quantit y (in tonnes)	Registrati on number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantit y (in tonnes)	Valu e (in Rs.)	Quantit y (in tonnes)	Valu e (in Rs.)	Registration number as allotted by the Indian Bureau of Mines to the person/compan y to whom ore despatched (to indicate separately if more than one person/compan y)	Quantit y (in tonnes)	Valu e (in Rs.)	Quantit y (in tonnes)

VERIFICATION

post offic	e police st	ation age complete and correct in all respec	district	
Place:		S	Signature:	
Date:		1	Name in full:	
85				

	ore to be used for the purpose of reporting in Form N
Sl no.	Mineral grade
1	Iron ore
1	non ore
	(a) Below 55%-Lumps
	(b) 55% to below 58%-Lumps
	(c) 58% to below 60%-Lumps
	(d) 60% to below 62%-Lumps
	(e) 62% to below 65%-Lumps
	(f) 65% and above-Lumps
	(g) Below 55%-Fines
	(h) 55% to below 58% -Fines
	(i) 58% to below 60%-Fines
	(j) 60% to below 62%-Fines
	(k) 62% to below 65%-Fines
	(1) 65% and above-Fines
	(m)concentrates
2	Manager (and provide a final p
4	Manganese (as a percent. of manganese content in ore)
	(a) Below 25%
	(a) Below 25% (b) 25% to below 35%
	(c) 35% to below 46%
	(d) 45% and above
	(e) Dioxide ore
	(f) Concentrates
3	Bauxite (for use in alumina and aluminium extraction)
	(a) Below 40%
	(b) 40% to below 45%
	(c) 45% to below 50%
	(d) 50% to below 55%
	(e) 55% to below 60%
	(f) 60% and above
	Bauxite (for use in other than alumina and aluminium extraction)
	(a) Cement
	(b) Abrasive
	(c) Refractory
4	(d) Chemical Chromite
4	Chromite
	(a) Below 40% Cr2O3 - Lumps
	(b) 40% to below 52 % Cr2O3 - Lumps
	(c) 52% Cr2O3 and above - Lumps
	(d) Below 40% Cr2O3 - Fines
	(e) 40% to below 52 % Cr2O3 - Fines
	(f) 52% Cr2O3 and above - Fines
	(g) Chemical grade
	(h) Concentrates
5	Copper/Gold/Lead/Tin/Tungsten/Zinc
	(a) In case of Ore - Grade based on the percent. of metal in ore
	(b) In case of concentrate - Grade based on the percent. of metal in concentrate
	(c) Metal
6	Mica
	(a) Crude Mica
7	(b) Dressed Mica
7	Gem and precious stones
	() P 1 1 ()
	(a) Rough and uncut stones
	(b) Cut and polished stones
	(c) Industrial grade
0	(d) Others
8	Asbestos
	a)Amphibole b)Chrysotile
	1 o/ciii/ysotiic

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

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

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

To,

(i) The State Government

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

PIN:

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

(iii) The Chief Mineral Economist

INSTRUCTIONS FOR FILLING UP THE FORM

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

1. GENERAL PARTICULARS

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

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

Grade-wise ore/mineral/metal/scr ap	Openin g stock	Ore purchase (within the co	e year	Ore imported during the year		Ore despatch	Closing stock			
	Quantit y (in tonnes)	Registratio n number as allotted by the Indian Bureau of Mines to the supplier (to indicate separately if more than one supplier)	Quantit y (in tonnes)	Valu e (in Rs.)	Quantit y (in tonnes)	Valu e (in Rs.)	Registratio n number as allotted by the Indian Bureau of Mines to the buyer (to indicate separately if more than one buyer)	Quantit y (in tonnes)	Valu e (in Rs.)	Quantit y (in tonnes)
				1			1			

(b) Export of ore:

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

End-use mineral based activity: (c)

Grade-wise ore/mineral/metal	Openi ng	Ore procured during the year (within the country)			during t	during the		Ore consumed during the		Ore sold during the year			
/scrap	stock				year		year					stock	
	Quant	Registrat	Quant	Val	Quant	Val	Quant	Val	Registrat	Quant	Val	Quant	
	ity (in	ion	ity (in	ue	ity (in	ue	ity (in	ue	ion	ity (in	ue	ity	
	tonnes	number	tonnes	(in	tonnes	(in	tonnes	(in	number	tonnes	(in	(in	
)	as)	Rs.))	Rs.))	Rs.)	as)	Rs.)	tonnes	
		allotted							allotted)	
		by the							by the				
		Indian							Indian				
		Bureau							Bureau				
		of Mines							of Mines				
		to the							to the				
		supplier							buyer				
		(to							(to				
		indicate							indicate				
		separatel							separatel				
		y if more							y if more				
		than one							than one				
		supplier)							buyer)				
		7,7							- /				

(**d**) Storage activity:

Grade-wise ore/mineral/metal/sc	Openin g stock	Ore received during the year	Ore imported during the year	Ore despatched during the year	Closing stock
rap					

Quantit	Registrati	Quantit	Valu	Quantit	Valu	Registration	Quantit	Valu	Quantit
y (in	on number	y (in	e	y (in	e	number as	y (in	e	У
tonnes)	as allotted	tonnes)	(in	tonnes)	(in	allotted by the	tonnes)	(in	(in
	by the		Rs.)		Rs.)	Indian Bureau		Rs.)	tonnes)
	Indian					of Mines to the			
	Bureau of					person/compan			
	Mines to					y to whom ore			
	the					despatched			
	supplier					(to indicate			
	(to					separately if			
	indicate					more than one			
	separately					person/compan			
	if more					y) 1			
	than one					,			
	supplier)								
	** ′								

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

NOTE:

- (a) ONLY END-USE MINERAL BASED INDUSTRY TO RESPOND TO THIS SECTION
- (b) INFORMATION TO BE GIVEN SEPARATELY FOR EACH INDUSTRY AND EACH UNIT
- (i) Name of Industry:
- (ii) (a) Location: (b) District: (c) State:

(iii) Details on products manufactured with their capacities and production :

Products	Annual installed capacity during the year 20 (in Metric tonnes)	Produ	action
	(III III to to to to to to to to to to to to to	Previous financial year	Present financial year
		(in Metric tonnes)	(in Metric tonnes)
(1)	(2)	(3)	(4)
FINISHED PRODUCTS			
i)			
ii)			
iii)			
INTERMEDIATE PRODUCTS			
i)			
ii)			
BY-PRODUCTS			
(i)			
(ii)			

(iv) Expansion programme undertaken and progress made during the year (v) Expansion programme/Plan

envisaged for future :

(vi) Research & Development programme carried out during the year (give details):

4. INFORMATION REGARDING IRON & STEEL INDUSTRY

(All data to be given on Financial year basis)

(i) Name of Company (ii) Name of Plant : (iii) Location :

(iv) Products manufactured with their licenced capacity and production:

(IV) Products manufactured with	their licenced capacity and production)II:		
Products	Installed capacity	Production		Remarks
	in present	Previous	Present	
	financial year (in	financial year	financial year	
	tonnes per	·	·	
	annum)			
(a) Sinter				
i)Self fluxing				
ii)Ordinary				

(b) Pellets		
(c) i)Clean coal		
ii)Coke (own		
production)		
(d) Pig iron		
i)Hot metal (total)		
ii)Hot metal for own		
consumption.		
iii)Pig iron for sale		
(e) i) Sponge Iron		
ii) Hot Briquetted Iron		
(f) Steel		
i) Liquid Steel/ Crude Steel		
ii) Total Saleable Steel		
a) Semi-finished Steel		
b) Finished Steel		
(g) Tin plates		
(h) Sulphuric acid		
(i) Refractories/bricks		
(specify details)		
(j) Fertilizers (please specify)		
(k) Any other product/by-product		

Coke purchased for previous year and present year:

Expansion programme undertaken and

progress made during the year
Expansion programme/Plan
envisaged for future

Research & Development programme

carried out during the year (give details):

DETAILS OF RAW MATERIALS CONSUMED IN PRODUCTION (including Electricity, Coal, and Petroleum 5. products)

:

		Actual Consumption (In metric tonnes)				
Raw material	Previous financial year	Present financial year	Next financial year	Next to Next financial year		
(1)	(2)	(3)	(4)	(5)		
a.						
b.						
с.						
d.						
e.						
f.						
g.						
h.						
i.						
j.						
k.						
1.						

Source of supply

		T -			ndigenous/Impor				
Mineral/ Ore/Meta l/Ferro- alloy	Name & address of supplier	Source of supply (mine/area	Indicate the distance of mine/rail to plant (in km.)	Transport- ation cost per tonne Rail/Road	Quantity (metric tonnes.)	Price per metric tonnes.at factory site	Name & complete address of supplier (country wise)	Quantity purchased(metric tonnes)	Cost per metric tonne at factory site
a.									
b.									
c.									
d.									

VERIFICATION

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

Place:	 Signature:
Date:	Name in full:

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

Sl no.	Mineral grade
1	Iron ore
	(a) Below 55%-Lumps
	(b) 55% to below 58%-Lumps
	(c) 58% to below 60%-Lumps
	(d) 60% to below 62%-Lumps
	(e) 62% to below 65%-Lumps
	(f) 65% and above-Lumps
	(g) Below 55%-Fines
	(h) 55% to below 58% -Fines
	(i) 58% to below 60%-Fines
	(j) 60% to below 62%-Fines
	(k) 62% to below 65%-Fines
	(1) 65% and above-Fines
	(m)concentrates
2	Manganese (as a percent. of manganese content in ore)
	(a) Below 25%
	(b) 25% to below 35%
	(c) 35% to below 46%
	(d) 45% and above
	(e) Dioxide ore
	(f) Concentrates
3	Bauxite (for use in alumina and aluminium extraction)
	(a) Below 40%
	(b) 40% to below 45%
	(c) 45% to below 50%
	(d) 50% to below 55%
	(e) 55% to below 60%
	(f) 60% and above
	Bauxite (for use in other than alumina and aluminium extraction)
	(a) Cement
	(b) Abrasive
	(c) Refractory
	(d) Chemical
4	Chromite
	(a) Below 40% Cr2O3 - Lumps
	(b) 40% to below 52 % Cr2O3 - Lumps
	(c) 52% Cr2O3 and above - Lumps
	(d) Below 40% Cr2O3 - Fines
	(e) 40% to below 52 % Cr2O3 - Fines
	(f) 52% Cr2O3 and above - Fines
	(g) Chemical grade
	(h) Concentrates
5	Copper/Gold/Lead/Tin/Tungsten/Zinc
	(a) In case of Ore - Grade based on the percent. of metal in ore
	(b) In case of concentrate - Grade based on the percent. of metal in concentrate
	(c) Metal
6	Mica
	(a) Crude Mica
	(b) Dressed Mica
7	Gem and precious stones
	(a) Rough and uncut stones
	(b) Cut and polished stones
	(c) Industrial grade

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

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

-sd-

(G. Srinivas)

Joint Secretary to Government of India (F.No. 16/148/2009-MVI)

Footnote:- The principal rules were notified in the Official Gazette under G.S.R. 1023(E) dated 24th October 1988 and were amended vide notification numbers G.S.R. 227(E) dated 22nd April 1991, G.S.R. 580(E) dated 4th August 1995, G.S.R. 55(E) dated 17th January 2000, G.S.R. 774(E) dated 25th September 2000, G.S.R. 22(E) dated 11th January 2002, G.S.R. 330(E) dated 10th April 2003, G.S.R. 338(E) dated 17th April 2003, and G.S.R.216 (E) dated 29th March 2010.