a Loose ammonium nitrate					
b.Ammonium nitrate in cartridged form				100	
3.Nitro compound	Kg.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	Χ	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			v - 2404v	
9.Others (specify)	(Mention the unit)				

Different	sizes of soaked liqui	d oxygen cartridges	s to be equivalent kg.	as per manufactu	rer's instruction.
			ART - V (General C		g)
	(Details on it	ems 1,2,6 & 7(i) n	iay be given once in	5 years)	
separ: (a) Name (b) Type of (i) (ii) (iii) (iv) (v) (vi) (vii) (c) Qualit	nation asked for und ste sheet and attache of mineral: if ore (Tick mark what what what what what what what what	ler (a) to (d) in resp d with the return) nichever is applicab i), Powdery etc. cal Grades Produce	ed		
Cor	stituent		Grad		
		1	2	3	4
(i) Size R (ii) Princi					
2.(a) (b) (c)	Name(s) of the Typical analysi	ore/mineral excava s of mineral reject(and disposed as waste ated but not sold i.e., s)		
Item	1.	2.	3.		4.
Mineral r	eject				
	ves and Resources e				
65	1		0.4.		Ownerthy Courts

Classification	Code	Quantity	Grade (as per NMI grades as indicated in the mining plan)
(1)	(2)	(3)	(4)



Tota	al Mineral Resources (A + B)					
A. Minera				Í	1	
	oved Mineral Reserve	346	111	Į.	1	
	obable Mineral Reserve		121 and 122			
	ning Resources	Ť	121 did 122			
	easibility Mineral Resource	1	211		1	
	refeasibility Mineral Resource		221 and 222		į.	
	leasured Mineral Resource	i i	331			
	dicated Mineral Resource		332			
	ferred Mineral Resource	1				
	connaissance Mineral Resource		333 334	1	\	
050000			1 80,000 00.			
	the removal of doubts, the cla- he Guidelines issued by Indian			oned in this Form	shall have the sam	e meaning as assigned
i mem m t	Mining Operations during th		in this regard.			
1.	Exploration	c year.				
em		Meterage			rid/Dimension	
			(as appl			
rilling	***************************************			**************************************		
renching						
itting						
.Z A.) Dotnila	Opencast of Benches (Separately for med	shanicad and may	aunt cactions)			
	or peticiles (sebarately for the					
		In or	e	In OB/W	ncte	
Mant	per of Benches			Military Action (44)	W. C. (1995)	
 Elizates 						
	ige height (metres)	90 17 19-50	C 200			
nii) Depth	of the deepest working from a	djacent ground (M):			
	*************	*******		**********		
B) (i) Tota	d ROM Ore production (tonnes):				
(ii) Min	eral Rejects generated with grad	des (tonnes):				
Ξ						
C) Total o	uantity of Overburden/Waste re	emoved during th	te vear (tonnes)			
				Cumulative	so far	
	*************				507111	
i)	Quantity back filled					
il)	Quantity disposed of in exte	rnal dumps				
.3	Underground:	**************************************	****	*****		
a)	Driving (metres) in ore:				a)	
b)	Cross Cutting/Footwall Driv	ves (in harren) (N	Aetres):		7	
5)	Winzing (metres):	and free converse for				
d)	Raising (metres):					
2)	Shaft sinking (metres):					
0.00						
f)	Stope preparation (metres):	ctoning (tonn)	¥			
g)	Tonnage of ore blocked for		t d			
n)	Quantity of waste removed		and the gramman and the			
i)	Quantity of mineral rejects	generated with g	rade (tonnes):			
- 7	Vithin lease area	Outside leas	e area			
	nber of trees planted during the vival rate in percentage	year				
	d aggregate Horse Power of Ma lers, excavators, dumpers, haula with cost.					
m.m.ched	Masse KWStill					
Type of	Capacity of	No.of units	H.P. of	Electrical/non	Used in	
machinery	each unit		each	electrical	opencas	41

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

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

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(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:

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

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		- I			

Deduction claimed

Unit (in Rs/Metric 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

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

f) Rent for the plot at Stocking yard g) Other charges(specify clearly) Total (a) to (g)

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

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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)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced Item Cost Per metric tonne Direct Cost (i) (a) Exploration (b) Mining (c) Beneficiation(Mechanical Only) Over-head cost (11) Depreciation (iii) (iv) Interest Royalty (v) Taxes (vi) Dead Rent (vii) Others (specify) (viii) Total

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

VERIFICATION

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

Place:

Date:

Signature

Name in full:

Designation: Owner/Agent/ Mining Engineer/Manager

FORM H-3
For the financial year 1st April, 20_ to 31st March,20_

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

(Read the instructions carefully before filling the particulars)

To (i)

The Regional Controller of Mines

Indian Bureau of Mines

___Region,

PIN:

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

(ii) The State Government

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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)	į.			
(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 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				
2. Location of the Mine : Village	T			
Post Office				
Tahsil/Taluk				
District Control of the Control of t				
State and PIN Code				
Fax no:	E-mail:			
Phone no:	<u> </u>			
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail):			
Manage CD-	4			
Name of Person				
Street/Vijlage Post Office	 			
Tahsil/Taluk			-	
District	4			
State and PIN Code				
Fax no:	E-mail:			
Phone No.				
	ļ			
4. Registered Office of the Lessee	<u> </u>			
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 working	s cover more than on	e lease)		
(i) Area under lease (hectares):				
. Under Forest				
Outside Forest				
Total				
(ii) Date of execution of mining lease deed				
(ii) Period of lease		·		
(iv) Area for which surface rights are held (hectares)				
(v) Date and period of renewal (if applicable)		-		0.000
(vi) In case there is more than one mine in the same lease area, indicate name	ne or mine and			
mineral produced		T7. 4	To	Trans
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	_
(i) Already exploited & abandoned by opencast (O/C) mining (ii) Covered under current (O/C) Workings				
(ii) 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				1
13. Ownership/exploiting Agency of the mine:		i		
		Į.		
(Public Sector/Private Sector/Joint Sector)				

	Description	Wholly employed	Partly employed
(i)	Graduate Mining Engineer		
(ii)	Diploma Mining Engineer		
(iii)	Geologist		
(iv)	Surveyor		



(v) Other administrativ		d technical super	visory staff				1	
Tota	Contract of the Contract of th	+57VIIII =						300000000000000000000000000000000000000
2.(i) Number of days the mine we	orked:							
(ii) No.of shifts per day:		E E					NOVI	
(iii) Indicate reasons for work	stoppage in	the mine during	ig the year i	due to strike,	lockout,	Reasons	No of da	iys
heavy rain, non-availability of								
operations, etc.) and the number	of days of wo	irk stoppage for	each of the f	actors separate	ly.			
					-			
					Ì			
3.(i) Employment of Labour and								
Maximum number of persons	employed on	any one day du	ring the year	£.			***************************************	
(i)In workings below ground on .		(a)						
(ii)In all in the mine on	(a)	· · · · · · · · · · · · · · · · · · ·						
				No. of				
				days				
Classification	Total number of man days worked			worked during the	Avera	Average daily number of		ages /Salary
Classification		during the year		year	pe	rsons employed	bills for the year	
				Jein	5.	(*) (2) 2)		
*				1			4	
2	Direct	Contract	Total	-	Male	Female	Total	T
(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	1	4						
iii) Others								
C. Above ground :					W 10 10.			
(i) Clerical & Supervisory						1		
Staff. (excluding the superior						Į.		
supervisory staff.) (ii) Workers in any Attached			+-	-	-			1
factory, Workshop or mineral		İ		1		İ		1
dressing plant.					i			
(iii) Others					0.00		+	
Total:					ţ			ļ
		4			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)

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:		II.				
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 tetum 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.

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(i) Fuel (a) Coal (b) Diesel Oil	s such as State Finance (ised Banks and other so in taken. the year PART - III (Consum	urces along with	h the amou		
(ii)Own Capital (Rs. '000) (iii)Reserve & Surplus (All Types) (iv)Long Term loans outstanding Indicate the names of the leading institutions Corporations, Co-operative Banks, Nationali and the rate of interest at which loan has bee 3.Interest and Rent (in Rs. '000) (i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	ised Banks and other so in taken. g the year PART - III (Consum onsumed during the year	ption of Materi	h the amou		
(iii)Reserve & Surplus (All Types) (iv)Long Term loans outstanding Indicate the names of the leading institutions Corporations, Co-operative Banks, Nationali and the rate of interest at which loan has bee 3.Interest and Rent (in Rs. '000) (i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	ised Banks and other so in taken. g the year PART - III (Consum onsumed during the year	ption of Materi	h the amou		
(iv)Long Term loans outstanding Indicate the names of the leading institutions Corporations, Co-operative Banks, Nationali and the rate of interest at which loan has bee 3.Interest and Rent (in Rs. '000) (i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	ised Banks and other so in taken. g the year PART - III (Consum onsumed during the year	ption of Materi	h the amou		
Indicate the names of the leading institutions Corporations, Co-operative Banks, Nationali and the rate of interest at which loan has bee 3.Interest and Rent (in Rs. '000) (i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	ised Banks and other so in taken. g the year PART - III (Consum onsumed during the year	ption of Materi	h the amou		
and the rate of interest at which loan has bee 3. Interest and Rent (in Rs. '000) (i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	n taken. g the year PART - III (Consum onsumed during the year	ption of Materi		nt of loan from	each source
3. Interest and Rent (in Rs. '000) (i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	the year PART - III (Consum onsumed during the year	ľ	ials)		
(i) Interest paid during the year (ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	PART - III (Consum onsumed during the year	ľ	ials)		
(ii) Rents (excluding surface rent) paid during 1. Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	PART - III (Consum onsumed during the year	ľ	ials)		
Quantity and cost of material co Description (i) Fuel (a) Coal (b) Diesel Oil	PART - III (Consum onsumed during the year	ľ	ials)		
Description (i) Fuel (a) Coal (b) Diesel Oil	onsumed during the year	ľ	ials)		
Description (i) Fuel (a) Coal (b) Diesel Oil					
(i) Fuel (a) Coal (b) Diesel Oil	Ont			1 37-	ue (Rs.)
(a) Coal (b) Diesel Oil		Quality		į vai	ue (As.)
(a) Coal (b) Diesel Oil					
(b) Diesel Oil	Tonnes				
(c) Petro	Ltrs.	1			
(-/	Ltrs.				
	Cu.M.				
(e) Gas (ii) Lubricant	Cu.,vi.				
(a) Lubricant oil	Ltrs.	T			
(b) Grease	kgs.				
(iii) Electricity					
(a) Consumed	Kwh	T			
(b) Generated	Kwh				
(c) Sold	Kwh				
(iv) Explosives (furnish full details in Part	IV)				
(v) Tyres	Nos.			100	
(vi) Timber & Supports					
(vii)Drill roads & kits	Nos.				
(viii)Other spares & stores					
2. Royalty and Rents (in' 000 Rs.):					
X		Paid for curr	ent year	Paid	towards past arrears
(a) Royalty					
(b) Dead rent		<u> </u>			
(c) Surface rent	Court of Court of the Court of				
3. Compensation paid for felling trees during	the year (in Rs)				
Depreciation on fixed assets Rs Taxes and cesses					
5. Taxes and cesses X	Amount in Rs. paid du	wing the year to			
X	Central Govt.	ning the year to		ate Govt.	
(i) Sales Tax	Central Gove.		1 30	ite Gove.	
(ii) Weifare cess		* 			
(iii) Other taxes & cesses:-	······				~
(a) Mineral cess					
(b) Cess on dead rent	V				
(c) Others (please specify)					
	l				
6. Other expenses:			T		
(i) Overheads					
(ii) Maintenance	Workman				
(iii) Money value of other benefits paid to (iv) Payment made to professional agencie			-+-		
(iv) Payment made to professional agencie		Consumption o	f Explosis	(29)	
			- Tuber	REAL	
	mit separately in	Item	Unit	T	Capacity
I. Licensed capacity of magazine: (specify u		1			
Licensed capacity of magazine: (specify u kg/tonne, numbers, metres)	200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg 200 mg		manufa -		
	3470				
kg/tonne, numbers, metres)					
kg/tonne, numbers, metres) 2. Total production during the year (Tonne):					
kg/tonne, numbers, metres)					
kg/tonne, numbers, metres) 2. Total production during the year (Tonne): 3. Overburden removed:					
kg/tonne, numbers, metres) 2. Total production during the year (Tonne):		nsumed during t	he year	Esitmated requ	
kg/tonne, numbers, metres) 2. Total production during the year (Tonne): 3. Overburden removed:		nsumed during the		Esitmated requiring the nex	t year

1.Gun Powder	kg.	1	***		
2.Nitrate Mixture	kg.	X	X	X	X
a.Loose ammonium nitrate					
b.Ammonium nitrate in cartridged form				Arra de la composición dela composición de la composición dela composición de la composición de la composición de la com	
3.Nitro compound	K.g.				
4.Liquid Oxygen soaked cartridges	Kg.				
5.Slurry explosives (Mention different trade names)	Kg.				
6.Detonators	Nos	X	X	X	X
i) Ordinary		La 32			
ii) Electrical		X	X	X	X
(a) Ordinary		Trumph Manager			
(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 1,2,0 & /(i) n	nay be given once in 5	rears)		
separ	mation asked for ate sheet and att		eteristics: (In case more sect of the remaining min			the
	of mineral :	Land tall many to a section t	10)			
		k whichever is applicab	ole)			
(1)	Lump Fines					
(11)	Friable					
(iv)	Granular					
(v)	Platy					
70.00	Fibrous					
		ecify), Powdery etc.				
(c) Quali		city, a condery cie.				
		Typical Grades Produc	he			
			777. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		*****	
Co	nstituent		Grade			
***********		1	2	3	4	
(i) Size F (ii) Princ		nts				
2 /-1	X*	ock/mineral excavated a				
2.(a)			ated but not sold i.e., mi	naral raject		
(b)		alysis of mineral rejecti		iiciai reject.		
(0)	1 ypicai aii	alysis of mineral rejecti	(6)	*******************		
Item	I.	2.	3.		4.	
Mineral	reject				-1000 m	
		es estimated at the end		KARIMER SADARS		
	Classification	0	Code		Quantity	Grade (as per NMI grades indicated in the mining plan)

(2)

(3)



(4)

(1)

grades as

Total Mineral Resources (A + B)		
A. Mineral Reserve	1	
1. Proved Mineral Reserve	111	
2. Probable Mineral Reserve	121 and 122	
B. Remaining Resources		
1. Feasibility Mineral Resource	211	
2. Prefeasibility Mineral Resource	221 and 222	
3. Measured Mineral Resource	331	
4. Indicated Mineral Resource	332	
5. Inferred Mineral Resource	333	1
6.Reconnaissance Mineral Resource	334	

to them in the Guidelines issued by Indian Bureau of Mines in this regard.

Opencast Benches (Separately for n	/Dimension	(as applicable) al sections)	
Opencast Benches (Separately for n	nechanised and manu	al sections)	Drilling
Opencast Benches (Separately for n	nechanised and manu	al sections)	- Diming
Opencast Benches (Separately for n	nechanised and manu	al sections)	The second second
	(C) (78) II		in OB/Waste
ROM Ore production (tonn al Rejects generated with g	es); rades (tonnes);	7.29	
	During the year	Cumulative so far	500 W.S.
Quantity back filled Quantity disposed of in ex-	xternal dumps		Water at the second
Underground: Driving (metres) in ore: Cross Cutting/Footwall D Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres) Tonnage of ore blocked f	rives (in barren) (Me		
	f the deepest working from ROM Ore production (tonn al Rejects generated with g ntity of Overburden/Waste Quantity back filled Quantity disposed of in extra control Underground: Driving (metres) in ore: Cross Cutting/Footwall D Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres) Tonnage of ore blocked f	f the deepest working from adjacent ground (M ROM Ore production (tonnes): Il Rejects generated with grades (tonnes): Intity of Overburden/Waste removed during the During the year Quantity back filled Quantity disposed of in external dumps Underground: Driving (metres) in ore: Cross Cutting/Footwall Drives (in barren) (Me Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres): Tonnage of ore blocked for stoping (tonnes):	f the deepest working from adjacent ground (M): ROM Ore production (tonnes): Il Rejects generated with grades (tonnes): During the year (tonnes) During the year (tonnes) Quantity back filled Quantity disposed of in external dumps Underground: Driving (metres) in ore: Cross Cutting/Footwall Drives (in barren) (Metres): Winzing (metres): Raising (metres): Shaft sinking (metres): Stope preparation (metres):

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)
			10 10 10 10 10 10 10 10 10 10 10 10 10 1		

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:

Quantity of mineral rejects generated with grade (tonnes):

41

(g) (h) (i)

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Number

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	2-2-11-0-
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)

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)
	nd aluminium extraction:- he 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%					
(1) 60% and above					
(B) For use other than alumina an	d aluminium metal extractio	n			
(a) Cement					
(b) Abrasive					
(c) Refractory					
(d) Chemical					

2 Details of Deductions used for computation of Fx 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)	Taken and the second	
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)	1	
Total (a) to (g)		· · · · · · · · · · · · · · · · · · ·

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

ure of Despatch cate whether for the or Captive	Consignee name and Registration number as	Quantity	Sale value	Country	Quantity	F.O.B
nsumption or Export)	allotted by the Indian Bureau of Mines to the buyer ##					Value (Rs.)
-	Control of the Contro	Export) Bureau of Mines to the	Export) Bureau of Mines to the	Export) Bureau of Mines to the	Export) Bureau of Mines to the	Export) Bureau of Mines to the

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 requir invoices.	ed to substantiate domesti	c sale value/ FOE	3 value for each	grade of ore	quoted above	with copy o	f

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.

b) c)

PART-VII: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

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

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

VERIFICATION

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

Place:

Date:

Signature Name in full:

Designation: Owner/Agent/ Mining Engineer/Manager

FORM H-4 For the financial year 1st April, 20_ to 31st March, 20

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

(Read the instructions carefully before filling the particulars)

To (i)

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The Regional Controller of Mines Indian Bureau of Mines

(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)		200		
(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				
	1			
2. Location of the Mine :				
Village				
Post Office				
Tahsil/Taluk				
District				
State and PIN Code				
Fax no:	E-mail:			
Phone no:	E-man.			
The state of the s				
3. Name and Address(s) of Lessee/Owner (along with fax no. and e-mail	il):			
V. Ch				
Name of Person				
Street/Village				
Post Office				
Tahsil/Taluk				
District				
State and PIN Code				
Fax no:	E-mail:			-
Phone No:	Trinail.			
Prione IVo.				
(B : 100 (U)				
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	_L			
(Furnish information on items (i) to (v) lease-wise in case mine workin	and the second control of the second	Total Control		
(Furnish information on items (i) to (v) lease-wise in case mine working	gs cover more than one	lease)		
V4 4				
(i) Area under lease (hectares):				
Under Forest				
				يرسور الفاري
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 na				
	me of mine and			
mineral produced			1	
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			į.	
(ii) Covered under current (O/C) Workings		V 2122		
(iii) Reclaimed/rehabilitated				
(iv) Used for waste disposal			+	1
(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				
13. Ownership/exploiting Agency of the mine:				
(Public Sector/Private Sector/Joint Sector)				
PART - II (Employment & Wages)				

	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		

T								
2.(i) Number of days the mine	worked:							
(ii) No.of shifts per day:								
(iii) Indicate reasons for wor lockout, heavy rain, non-availa	k stoppage i	n the mine o	luring the ye	ar (due to strike	Reas	ons	No of	days
uneconomic operations, etc.) a								× = ,-
factors separately.	to the number	of Oldays Of	work stoppag	ge for each of the				700.
				- July 10 10 10 10 10 10 10 10 10 10 10 10 10				
3.(i) Employment of Labour an								
Maximum number of person	ns employed	on any one o	lay during the	e year:				
(i)In workings below ground or	Q	(a)	more:					
(ii)In all in the mine on	(a).			r		-		7
				No. of				
- 1				days worked				-
3	Total number of man days worked during the year			during the	Ave	rage daily nur	Total Wages /	
Classification					persons employed			Salary bills for the year
								-224 702 2 7004
	Direct Contra To	Total	Total	Male	Female	Total		
		ct	7.0000000					
(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				1				
iii) Others								
B. Opencast workings :								
i) Foreman and mining		Į.						
mates								
ii) Face workers and Loaders								
iii) Others								
C. Above ground:				<u> </u>		4		ļ
(i) Clerical & Supervisory			1	7		1		10
Staff. (excluding the superior supervisory staff.)				1				1
(ii) Workers in any		+	-					1
Attached factory, Workshop								
or mineral dressing plant.						-	1	
(iii) Others			-					
Total:				1				
	1	4	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)

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**
2	3	4	5	6	7
		//			
1					
		i			
	beginning of	beginning of during the	beginning of during the discarded the year Year during the	beginning of during the discarded during the year the year during the	beginning of during the the year Year during the year during the year (2+3)-

* 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.

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** 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 y	ear) :-			
i) Paid up Share Capital (Rs. 000)				
ii)Own Capital (Rs. '000)				EL CAP CALCING CONTROL
(iii)Reserve & Surplus (All Types)				200
(iv)Long Term loans outstanding				**************************************
Indicate the names of the leading institut	ions such as State Fin	nance Corporation, Indust	rial Developm	ent and other Public
Corporations, Co-operative Banks, Natio	malised Banks and or	her sources along with the	e amount of lo	an from each source
and the rate of interest at which loan has				
3. Interest and Rent (in Rs. '000)				
(i) Interest paid during the year				
(ii) Rents (excluding surface rent) paid du	ring the year			
		nsumption of Materials)	
 Quantity and cost of materia 	il consumed during th	ne 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	1 Cu.ivi,		305	
N. /	Ltrs.			*
(a) Lubricant oil	The second secon	·		
(b) Grease	kgs.			1
(iii) Electricity	Kwh	The state of the s		T
(a) Consumed				
(b) Generated	Kwh			
(c) Sold	Kwh			
(iv) Explosives (furnish full details in P				
(v) Tyres	Nos.			
(vi) Timber & Supports				
(vii)Drill roads & kits	Nos.			
(viii)Other spares & stores				
2 Developed Posts (in 1000 Da):				
2. Royalty and Rents (in' 000 Rs.)		n-us		Daid towards at
		Paid for current	year	Paid towards past arrears
(a) Royalty (b) Dead rent				
ACA				
V-7	wine the year (in Da)			
3. Compensation paid for felling trees du	ang me year (m Ks)			
Depreciation on fixed assets Rs Taxes and cesses				- 1
	Amount in D	anid dusing the years		
X X	Central Govt.	paid during the year to:	10000	
	Central Govt.		State Gov	67
(i) Sales Tax	-			- inches
(ii) We'lfare cess			_1	
(iii) Other taxes & cesses:-				
(a) Mineral cess				
(b) Cess on dead rent			_	
(c) Others (please specify)				
6. Other expenses:				
(i) Overheads				
(ii) Maintenance		40		
(iii) Money value of other benefits paid				
(iv) Payment made to professional ager				

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):		and the second s	1 to 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1	
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		X-16.			
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		MI			
(b) Delay					
7.Fuse	Mts	X	X	X	X
(a)Safety Fuse					Light
(b)Detonating Fuse		Commence of the second			
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 its	ems 1,2,6 & 7(i) n	ay be given once it	15 years)		
separ (a) Name (b) Type (i) (ii) (iii) (iv) (v) (vi) (vii) (c) Qualit	mation asked for under the sheet and attached of mineral; of ore (Tick mark who Lump Fines Friable Granular Platy Fibrous Any other (specify); ical Analysis of Typic in the sheet and attached the sheet and	er (a) to (d) in resp I with the return) ichever is applicab o, Powdery etc.	le)	mineral(s) may l		he
Constituent			Grade			
******	1		2	2 3		
	ange ipal constituents idiary Constituents					
2.(a) (b) (c)	Name(s) of the		nd disposed as wasted but not sold i.e.,			
Item	1.	2.	3.		4.	
Mineral					The same has not see	
	ves and Resources es					
C	lassification		Code		Quantity	Grade (as per NMI grades as

(2)



(3)



(4)

(1)

indicated in the mining plan)

Total Mineral Resources (A + B)		
A. Mineral Reserve		•
1. Proved Mineral Reserve	111	
2. Probable Mineral Reserve	121 and 122	
B. Remaining Resources		1
1. Feasibility Mineral Resource	211	
2. Prefeasibility Mineral Resource	221 and 222	
3. Measured Mineral Resource	331	
4. Indicated Mineral Resource	332	Ti control of the con
5. Inferred Mineral Resource	333	
6.Reconnaissance Mineral Resource	334	P.
	4	

4.1.	Exploration	ig the fem.	
Item	Number	Meterage (as a	Grid/Dimension
Drilling Trenchin Pitting	g		
4.2 (A) Deta	Opencast ils of Benches (Separately for	mechanised and manual sections)	
(i) Nu	mber of Benches	In ore	In OB/Waste

(ii) Average height (metres)
(iiii) Depth of the deepest working from adjacent ground (M):

(B) (i) Total ROM Ore production (tonnes):

(ii) Mineral Rejects generated with grades (tonnes):

	During the year	Cumulative so fa				
(i)	Quantity back filled •					
(ii)	Quantity disposed of in external dumps					
4.3	Underground:	713 1 1 2				
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):					
(b)	Quantity of warte removed (termes)					

Within lease area

Outside lease area

Quantity of mineral rejects generated with grade (tonnes):

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 openeast/ 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

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(i)