

**FORM-H**

[See rule 48(3)(b)]

For the financial year 1<sup>st</sup> April, 20\_\_\_\_ to 31<sup>st</sup> March, 20\_\_\_\_**ANNUAL RETURN**

[To be used for all minerals]

To

(i) The Regional Controller  
 Indian Bureau of Mines  
 \_\_\_\_\_ Region, PIN:

(Please address to Regional Controller in whose territorial jurisdiction the mine falls as notified from time to time by the Controller General under rule 66 of the Offshore Areas Mineral Conservation and Development Rules, 2024.)

(ii) administering authority and  
 (iii) Authorised officer of the Indian Bureau of Mines

**PART – I (General)**

<b>1. Details of Mine:</b>	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee/Owner)	
(b) Mine Code (allotted by Indian Bureau of Mines)	
(c) Name of the Mineral	
(d) Name of Mine	
(e) Name(s) of other mineral(s), if any, produced from the same mine	
(f) Mode of grant (Auction/ reservation):	
(g) Auction Premium (%)	
<b>2. Location of the Mine:</b>	
(a) NHO Chart No.	
(b) Area in sq. km.	
(c) Number of standard blocks included in the mineral block	
(d) Boundary coordinates of the block (in Decimal degree)	
(e) Coast/ Sea	
(f) Offshore Region	
(g) Nearest Coastal Location	
(h) Water depth (m)	
(i) Nearest Harbour/ Port	
<b>3. Name and address of Lessee/ Owner (along with fax no. and e-mail):</b>	
(a) Name of Lessee/Owner	
(b) Address	
(c) District	
(d) State	
(e) PIN Code	
(f) Fax no:	
(g) E-mail:	
(h) Phone No:	
(i) Mobile:	
<b>4. Registered Office of the Lessee:</b>	
<b>5. Director in charge:</b>	
<b>6. Agent:</b>	

<b>7. Manager:</b>	
<b>8. Mining Engineer in charge:</b>	
<b>9. Geologist in charge:</b>	
<b>10. Transferor (previous owner), if any, and date of transfer:</b>	
<b>11. Particulars of lease area</b>	
(a) Lease number allotted by the Indian Bureau of Mines.....	
(b) Area under lease (in latitude and longitude and in number of standard blocks):	
(i) Prohibited/Protected area	
(ii) Non Prohibited/Protected area	
(iii) Total	
(c) Date of execution of production lease deed	
(d) Date of registration of executed production lease deed	
(e) Date of expiry of lease	
<b>12. Lease area utilisation as at the end of year</b> (in latitude and longitude and in number of standard blocks):	
(a) Already exploited and abandoned	
(b) Covered under current Workings	
(c) Rehabilitated	
(d) Used for waste disposal	
(e) Occupied by any vessel, platform, installation or any other infrastructure	
(f) Used for any other purpose (specify)	
(g) Work done under progressive mine closure plan during the year	
<b>13. Ownership of the mine:</b> (Public Sector/Private Sector/Joint Sector)	

### PART - II (Employment and Wages)

<b>1. Number of supervisory staff employed at the mine</b>		
Description		
(i) Mining Engineer		
(ii) Geologist		
(iii) Surveyor		
(iv) Other administrative and technical supervisory staff		
<b>Total:</b>		
<b>2. (a) Number of days the mine worked:</b>		
(b) No. of shifts per day:		
(c) Indicate reasons for work stoppage in the mine during the year (due to strike, lockout, heavy rain, cyclone, natural calamity, non-availability of labour, transport bottleneck, lack of demand, uneconomic operations etc.) and the number of days of work stoppage for each of the factors separately.	Reasons	No. of days

**3. Employment and salary/wages paid #:**

Classification (At the lease area)	Total number of man days worked during the year			No. of days worked during the year	Average daily number of persons employed			Total Wages /Salary for the year (₹)
	Direct	Contract	Total		Male	Female	Total	
(1)	2(A)	2(B)	2(C)	(3)	4(A)	4(B)	4(C)	(5)
Engaged in production operations								
Engaged in supporting function								
Total	auto	auto	auto		auto	auto	auto	auto

# To include all employees exclusive to the mine and attached workshop or mineral processing plant at the offshore mine site.

**PART - III (Consumption of Materials)**

1. Quantity and cost of material consumed during the year			
Description	Unit	Quantity	Value (₹)
<b>(i) Fuel</b>			
(a) Coal	Tonnes		
(b) Diesel Oil	Ltrs.		
(c) Petrol	Ltrs.		
(d) Gas	Cu. m		
<b>(ii) Electricity</b>			
(a) Consumed	kWh		
(b) Generated	kWh		
<b>(iii) Spares and stores</b>			
<b>2. Royalty, Auction Premium, Rents, Contribution towards Offshore Areas Mineral Trust and Contribution towards International Seabed Authority (₹):</b>			
X		Paid for current year	Paid towards past arrears
(a) Royalty			
(b) Auction Premium			
(b) Fixed rent			
(c) Rent			
(d) Payment made to the Offshore Areas Mineral Trust			
(e) Payment made to the International Seabed Authority			
(f) Any other payment (₹) (as specified)			
<b>3. Other expenses (₹):</b>			
(i) Overheads			
(ii) Maintenance			
(iii) Money value of other benefits paid to workmen			
(iv) Payment made to professional agencies			

**PART-IV (General Geology)**

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

**1. Exploration**

1(i). Exploration activities during the year:

		At the beginning of the year	During the year	Cumulative	Grid spacing/ Dimension
Exploration	Grab sampling (no.)				
	Core sampling (no.)				
	Bathymetry (line km)				
	Sub-bottom profiling (line km)				
	Multibeam bathymetry (area in sq.km)				
	Seismic survey (line km)				
	Environment Impact Assessment (parameters)				
Any other (Remotely operated vehicle, Under water video etc)					
Drilling	No of boreholes				
	Meterage				
Expenditure on exploration (₹)					X

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

**2. Reserves and Resources estimated (in tonnes):**

Classification	Code	At the beginning of the year 1.4.20__ as per latest approved production plan	Assessed during the year	Depletion of reserves during the year	Balance resources as on 31.3.20__
(1)	(2)	(3)	(4)	(5)	(6) = (3+4-5)
<b>A. Mineral Reserve</b>					
1. Proved Mineral Reserve	111				
2. Probable mineral Reserve	121				
	122				
3. Total Reserves					
<b>B. Remaining Resources</b>					
1. Feasibility mineral Resource	211				

2. Prefeasibility mineral resource	221				
	222				
3. Measured mineral resource	331				
4. Indicated mineral resource	332				
5. Inferred mineral resource	333				
6. Reconnaissance mineral resource	334				
7. Total remaining Resources					
<b>Total (A+B)</b>					

### 3. Type of dredging vessel:

1. Number of dredging vessels deployed		
Description	No. days deployed	Quantity dredged (Tonnes)
Vessel I (Name, country, Call sign)		
(i) Type of dredger		
(ii) Designed capacity / day		
(iii) Actual production /day		
Vessel II (Name, country, Call sign)		
(i) Type of dredger		
(ii) Designed capacity / day		
(iii) Actual production /day		
Vessel III (Name, country, Call sign)		
(i) Type of dredger		
(ii) Designed capacity / day		
(iii) Actual production /day		
<b>Total:</b>		

**4 (i) Details of mineral processing plant, if any:** Give a brief description of the process capacity of the equipment deployed and its availability. (*Submit Flow Sheet and Material Balance of the Plant separately*).

**(ii) Furnish following information:**

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

## PART-V (PRODUCTION, DISPATCHES AND STOCKS)

(To be submitted separately for each mineral)

(Unit of Quantity in Tonnes)

### (Part V-A)

**Applicable for all minerals such as construction grade silica sand, non-construction grade calcareous sand, calcareous mud or lime mud, phosphatic sediments, except polymetallic nodules, gold and silver**  
(*Point A1, A2 and A3 to be filled up*)

**A1. Name of mineral produced:**

(*Mineral - Construction Grade Silica Sand, non-construction grade calcareous sand, lime mud, phosphatic sediments*)

**A2. Production, Dispatches and Stocks: [in tonnes]**

Average Grades of mineral	Opening stock at mine-head	Production	Dispatches from mine-head	Closing stock at mine-head

**A3. Sales/ Dispatches effected for Domestic Purposes and for Exports:**

Average Grade of Mineral	Nature of Dispatches	IBM registration number ##	Consignee Name as per IBM registration	Country of dispatch	Quantity in tonnes	Sale value in Rs
A	B	C	D	E	F	G
Average Grade of Mineral	Domestic					
	Own Consumption					
	Export Purpose					
	Total				Auto Sum	

Average grade of mineral	Nature of Dispatches	<b>H. Deduction beyond lease area as per sub-rule (6) of rule 48 (Rs/ tonne)</b>						
		i) Cost of transportation	ii) Loading and unloading charges	iii) Railway freight, if applicable	iv) Port handling charges/ export duty	v) Charges for sampling and analysis	vi) Rent for plot at stocking yard	vii) Other charges (specify clearly)
A	B	H(i)	H(ii)	H(iii)	H(iv)	H(v)	H(vi)	H(vii)
Average grade of mineral	Domestic							
	Own Consumption							
	Export Purpose							
	Total							

Average grade of mineral	Nature of Dispatches	Total Deduction beyond lease area H (i + ii + iii + iv + v + vi + vii) Rs/tonne	Total Deduction Rs.	Net sale value Rs.	Related party sale / not at Arm's length sale (Yes/No)
A	B	H	I=F*H	J=G-I	K
Average grade of mineral	Domestic				
	Own Consumption				
	Export Purpose				
	Total			Auto Sum	

## To indicate separately if more than one buyer.

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

**A4. Ex-mine price of the ore produced (₹ per unit)**

Nature of Dispatches (Data from table A3)	Total dispatches Quantity (Non-related parties sale only) from column - F  (tonnes)	Net Sale value of dispatches (non-related parties sale only) from column - J  (Rs)	Ex-mine Price  (Rs/ tonne)
	<b>A</b>	<b>B</b>	<b>C = B/A</b>
Domestic/Export Sale			

**(Part V-B)****Applicable for polymetallic nodules, gold and silver***(Point B1, B2, B3, B4, B5 and B6 to be filled up)**(To be submitted separately for each mineral)**(Unit of Quantity in Tonnes)***B1. Name of mineral produced:****B2. Production and Stocks of ROM ore:**

Average grade of Mineral Ore	Opening stocks at mine-head (in Tonne)	Production (in Tonne)	Dispatches from mine-head (in Tonne)	Closing stocks at mine-head (in Tonne)

**B3. Recoveries at Concentrator/Mill/Plant:**

Opening stocks of the Ore at concentrator/plant		Ore received from the mine		Ore treated	
Quantity (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade
Concentrates * Obtained		Tailings		Closing stocks of concentrates at the concentrator/plant	
Quantity (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade

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

**B4. 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 (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade	Quantity (in Tonne)	Metal content/ grade

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

(\*) 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.

**B5. Sales during the year:**

Metal/ Product	Opening stocks of Metals/Products		Place of sale	Metals/Products sold(@)			Closing stocks of Metals/Products	
	Quantity	Grade		Quantity	Grade	Value(#)(₹)	Quantity	Grade

Note:

(#) Please give ex-plant sale value.

(@) Please give category-wise break-up of metals and other products sold.

**B6. Sales/ Dispatches effected for Domestic Purposes and for Exports:**

Grade/ Concentrate	Nature of Dispatches	IBM registration number ##	Consignee Name as per IBM registration	Country of dispatch	Quantity in tonnes	Sale value in Rs
A	B	C	D	E	F	G
Average Grade/ Concentrate	Domestic					
	Own Consumption					
	Export Purpose					
Total					Auto Sum	



Grade/ Concentrate	Nature of Dispatches	<b>H. Deduction beyond lease area as per sub-rule (6) of rule 48 (Rs/ tonne)</b>						
		i) Cost of transporta tion	ii) Loading and unloading charges	iii) Railway freight, if applicabl e	iv) Port handling charges/ export duty	v) Charges for sampling and analysis	vi) Rent for plot at stocking yard	vii) Other charges (specify clearly)
<b>A</b>	<b>B</b>	<b>H(i)</b>	<b>H(ii)</b>	<b>H(iii)</b>	<b>H(iv)</b>	<b>H(v)</b>	<b>H(vi)</b>	<b>H(vii)</b>
Average Grade/ Concentrate	Domestic							
	Own Consumpti on							
	Export Purpose							
Total								

Grade/ Concentrate	Nature of Dispatches	Total Deduction beyond lease area H (i + ii + iii + iv + v + vi + vii)	Total Deduction	Net sale value	Related party sale / not at Arm's length sale (Yes/No)
<b>A</b>	<b>B</b>	<b>H</b>	<b>I=F*H</b>	<b>J=G-I</b>	<b>K</b>
Average Grade/ Concentrate	Domestic				
	Own Consumption				
	Export Purpose				
	Grand Total			Auto Sum	

## To indicate separately if more than one buyer.

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

**B7. Ex-mine price of the ore produced (₹ per unit)**

Nature of Dispatches (Data from table-B6)	Total dispatches Quantity (Non related party sales only) from column - F  (tonnes)	Net Sale value of dispatches (Non related party sales only) from column - J  (Rs)	Ex-mine Price   (Rs/ tonne)
	<b>A</b>	<b>B</b>	<b>C = B/A</b>
Domestic/ Export Sale			

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

(a)	
(b)	
(c)	

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

(a)	
(b)	
(c)	
<b>8. Remarks/ Comments, if any:</b>	

### PART-VI: COST OF PRODUCTION

Cost of production per tonne of ore/mineral produced

Sl.No.	Item	Cost per tonne (₹)
(i)	Direct Cost	
	(a) Exploration	
	(b) Production	
	(c) Beneficiation	
(ii)	Over-head cost	
(iii)	Depreciation	
(iv)	Interest	
(v)	Royalty	
(vii)	Payments made to the Offshore Areas Mineral Trust	
(viii)	Payments made to the International Seabed Authority (if applicable)	
(ix)	Taxes	
(x)	Fixed Rent	
(xi)	Others (specify)	
	Total	

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

### VERIFICATION

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

Place: Date:	Signature  Name in full: Designation: Owner/Geologist/Mining Engineer
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