

SUMMARY OF THE REPORT OF THE COMMITTEE IN COMPLIANCE TO THE DIRECTIVES GIVEN BY THE HON'BLE HIGH COURT OF BOMBAY AT GOA IN PIL WP NO. 03/2018 TO VERIFY CORRECTNESS OF THE MINING DATA MAINTAINED BY STATE OF GOA IN THE LIGHT OF DISPARITY NOTICED IN DATA PUBLISHED BY INDIAN BUREAU OF MINES (IBM)

1.0 PREAMBLE:

Goa Foundation, a Goa based NGO has filed a Public Interest Litigation WP No. 03/2018 in the Hon'ble High Court of Bombay at Goa on 26th March, 2018. In the said PIL WP the petitioner has prayed for declaration of all ore transported in Goa from mining areas including outside the mining lease areas from March 16, 2018 belongs to the State of Goa and is a public resource. The petitioner also requested to the Hon'ble Court to quash and set aside the decision of the Goa Government allowing transport of minerals by 88 erstwhile mining lease holders post March 15, 2018. In the said PIL, the petitioner subsequently filed rejoinder affidavit dated 24/04/2018. In the rejoinder affidavit the petitioner has brought out the discrepancies in production of Iron ore for the year 2015-16, 2016-17 and 2017-18 (15/03/2018) as reported by the Directorate of Mines and Geology (DMG), Govt. of Goa and of Indian Bureau of Mines published figures. *The abstract of the rejoinder is as below,*

Para 19(d) :- The petitioner stated that the DMG, Goa took the point of view in fact that the state had a production capacity of 20 million tonnes, of which only 10 million tonnes had been extracted till the date of judgement i.e. 7.2.2018. It is, therefore speedily re-allocated the unusual quota among the bigger companies like Vedanta without any auction and sends urgent notices to the Pollution Control Board and the IBM to approve the enhanced extraction quotas under the MMDR Act and the Air and Water Acts.

Para29:-The Petitioner submits that the principal statistics/data provided in the affidavit cannot be relied upon. As per the affidavit, a total of 7.26 million tonnes was extracted in 2015-16. A total of 20 million tonnes was extracted in 2016-17. This year the extraction has been of 10.59 million tonnes. However, if one goes by the published figures of IBM, extraction reported to it was 1.74 million tonnes for 2015-16, 8.9 million tonnes in the year 2016-17. Figures for 2017-18 are not complete. The anomaly in such figures is as follows,

Divergent production figures for Iron Ore Production (MMT)

	DMG/Goa Govt.	IBM (P.28-7)*
2015-16	7.26	1.74
2016-17	20	8.9
2017-18	10.59 (of which 6.1 MMT removed from leases between 7.2.2018-15.3.2018 and 2.247 MMT excavated during the same period.)	5.44 (excluding January 2018 for which figures are not available with petitioner).

The petitioner has enclosed Annexure 'D' viz. IMYB 2017 (Part- III: Mineral Reviews 56th Edition, Iron Ore- (Advance Release).

The Hon'ble High Court of Bombay at Goa has delivered the judgment giving final verdict in the aforesaid PIL 03/2018 on 4th May 2018 and directed the following:

“The Controller General of Indian Bureau of Mines will hold an enquiry to verify the correctness of the mining data maintained by the State of Goa in light of the disparity noticed and publish the report of such inquiry in the public domain, within a period of six months from today.”

Accordingly Controller General (I/c), IBM, Nagpur has constituted an enquiry committee vide letter No. O-11012/2/09/111-CCOM dated 11/05/2018 comprising the following officers of IBM:-

1	Shri J.R. Chaudhary, Controller of Mines, South Zone, Bangalore	Chairman
2	Dr. A.N. Murthy, Suptdg. Mining Geologist, Office of the Controller of Mines, South Zone, IBM, Bangalore	Member Secretary
3	Shri M.U. Siddiqui, Mineral Economist (I), Mineral Economics Division, IBM, Nagpur	Member
4	Shri N.N. Reji, Deputy Mineral Economist (S), Mining and Mineral Statistics Division, IBM, Nagpur	Member

The terms of reference (TOR) of the committee constituted were as follows:-

1. The committee would take into consideration of the contents of the petition, verdict of the Hon'ble High Court, Bombay as well as all earlier petitions and its verdict connected with the present PIL WP No. 03/2018.
2. The committee will devise modality to investigate into the reasons for difference in figures furnished by the different agencies keeping in consideration of the issue at Sl No. (1) above.
3. The committee should submit the final report of investigation within two months period.

4. The committee may access and check the source data based on which figures have been arrived at, including that of the Directorate of Mines & Geology, Govt. of Goa.

2.0 APPROACH OF THE COMMITTEE

2.1 Modalities:

In order to conduct the enquiry, the Chairman called a meeting with all the members on 16th& 17th May 2018 at Bangalore to finalize the modalities of the enquiry. After deliberations with all the members of the Committee, the following modalities have been finalised:-

1. The Judgment delivered by the Hon'ble Supreme Court on 7th February 2018 in SLP (Civil) No. 32138/2015 with SLP (C) Nos. 32699-32727 of 2015, W. P. (C) No. 711/2015 and W.P. (C) No. 720/2015 in case of the Goa Foundation Versus M/s Sesa Sterlite Ltd. & Others and genesis of filing of the PIL WP No. 03/2018.
2. Abstraction of the relevant portion of the content from the PIL WP No. 03/2018 and judgement delivered by the Hon'ble High Court, relevant provisions of the Mines & Minerals (Development & regulation) Act, 1957, Minerals Concession Rules (MCR), 1960, Minerals (Other than Atomic and Hydro-Carbon Energy Minerals) Concession Rules, 2016 and Mineral Conservation and Development Rules (MCDR), 1988/2017.
3. To examine the Monthly and Annual Returns received by the Mining & Mineral Statistics Division (M&MS) of the IBM from the 88 cancelled mining leases, procedure adopted by the M&MS division of the IBM for collection and compilation of production data, scrutiny of the Monthly and Annual Returns, calculation of Average Sale Price (ASP) and publishing the production data, ASP etc.
4. The procedure adopted by the Mineral Economics Division (ME Division) for collection and compilation of production data and to study the modus operandi in finalizing review of Iron ore by the ME Division in Indian Minerals Yearbook (IMYB) at IBM, Nagpur.
5. Collecting inputs on the subject matter from public spirited organizations and citizens through Directorate of Mines & Geology (DMG), Goa.
6. To examine / scrutiny of statutory Monthly/ Annual Returns, violation of Rule-45 of MCDR,1988/2017 pointed out if any and its rectification position by Regional Controller of Mines (RCOM), IBM, Goa during the period from 2015-16 to 2017-18 (up to 15/03/2018).

7. To examine / verify the ore production and accounting of Iron ore and related records of 88 cancelled mining leases maintained for the period under the enquiry at DMG, Goa and their source. This data is maintained by M/s Megasoft System Ltd. engaged by the State Government of Goa.

To implement the modalities the Committee acted upon in following manner:

- a) The committee gone through the relevant PIL WP, affidavits of respondents, IMYB, Annual and Monthly returns filed by the concerned mining lessees, relevant provisions of the Act and Rules made there under.
- b) The committee visited ME Division, IBM, Nagpur and held discussion with Chief Mineral Economist on 29.05.2018.
- c) The committee visited M&MS Division, IBM, Nagpur and held discussion with concerned officers of the division on 31.05.2018 & 01.06.2018.
- d) The committee visited DMG, Govt. of Goa on 11/06/2018(F/N) and held interaction with the Director, DMG, Goa and other senior officers.
- e) Prior intimation was given to the DMG, Goa with a request to provide necessary facilities and extend technical support to complete the exercise of scrutiny and verification of Iron ore production data and its source. Accordingly, the committee along with the RCOM, IBM, Goa held meeting with the DMG, Goa & the concerned officials of the State Government on 11/06/2018. Further, the committee requested Director, DMG, Goa to provide following information,
 - a. Lease wise Run-of-Mine (ROM) Production for the years 2015-16, 2016-17 and 2017-18.
 - b. Lease wise processed ore production for the years 2015-16, 2016-17 and 2017-18.
 - c. Lease wise dispatches for the years 2015-16, 2016-17 and 2017-18.
- f) The DMG, Goa has provided the information as requested.

2.2 Procedure for Submission and Processing of Returns:

- (i) IBM is the statutory reporting body on production data submitted in Form F-1 and Form H-1, by the individual lease holders which are treated under the MMDR Act, 1957 and the rules made there under.
- (ii) The mining lease holder submits monthly and annual returns of the lease/mine in the format F-1 & H1 respectively as per MCDR, 1988

in the platform available for 'Online submission of Returns under Rule 45 of MCDR 1988' on <http://ibmreturns.gov.in>.

- (iii) The hard copy of the same is also being submitted to the RCOM, Regional office, IBM, Goa and the DMG, Goa. As per the existing procedure in vogue, the hard copies of the returns are also submitted by the Regional office to M&MS Division for processing.
- (iv) The user ID and password to access the online submitted returns has been provided to RCOM, IBM, Goa and also to the DMG, Goa.
- (v) The hard copy of the returns submitted to the RCOM, Regional office, IBM, Goa and to the DMG, Goa is same since hard copy is print out of the return submitted online. Therefore, the ROM production of the Iron ore compiled and reported by the RCOM, Regional office, IBM, Goa and the DMG, Goa are matching.
- (vi) The State Government, Goa compiles data from the returns in respect of ROM production, processed ore, dispatch and royalty.
- (vii) Further process and validation of the ROM production of iron ore, dispatch of ROM and processed iron ore and royalty calculation is being carried out by the software developed, maintained and operated by M/s Megasoft Systems Ltd. which is engaged by the State Government, Goa.
- (viii) Grade of ROM production of Iron ore is also reported by the lessee after testing the same in the laboratory authorized by the State Government, Goa. It is being carried out to facilitate for calculating advance royalty of graded ROM production, which is finalized after adjustment at the time of dispatch of ROM iron ore and/or processed iron ore as the case may be.
- (ix) ROM production of iron ore is weighed at the weigh bridge installed at each lease/mine. Weigh bridges are periodically calibrated and certified by the Department of Weights & Measurements, State Government of Goa.
- (x) After weighing, the ROM iron ore is dispatched to processing plants which may be located within and / or outside the leased area.
- (xi) The royalty on the iron ore is being paid before removing iron ore outside of the mining leased area according to the grade of ROM & Processed ore as the case may be.

- (xii) If the processing plant is located within the mining leased area, the royalty is charged on processed iron ore removed from the mining leased area and if the processing plant is located outside the mining leased area, then the royalty is charged on the unprocessed ROM iron ore.
- (xiii) Average Sale Price (ASP) of grade wise processed iron ore is published by the IBM, which is used for calculation of the royalty as stated above by the State Government of Goa.
- (xiv) The DMG, Goa has engaged the services of M/s Megasoft System Ltd. to provide online platform to monitor the daily ROM iron ore production & dispatch from the mining leased area.
- (xv) Daily ROM iron ore production along with its grade is reported online in the system developed by the M/s Megasoft Systems Ltd. on or before 11.00AM of the next day. This enables the DMG, Goa to monitor the ROM iron ore production on daily basis so as to keep the production quantity with the stipulated limit set up by the Hon'ble Supreme Court.
- (xvi) The main data captured in the software related to monthly returns are graded ROM iron ore production, dispatch from the mine.

2.3 Visit to the Bicholim Iron ore Mine:

The committee along with the RCOM, IBM, Goa visited Bicholim Iron Ore Mine of erstwhile M/s Sesa Mining Corporation Ltd. Goa on 12.06.2018 (F/N) to examine the mining and processing of iron ore in Goa state and reported that the mine has been worked upto 15/03/2018 by mechanized means by deploying hydraulic excavators for excavation and loading and heavy dumpers for transportation of the overburden and iron ore. The ROM iron ore is weighed before feeding to crushing/screening. The royalty was paid on processed iron ore, since the processing plant is located within the lease area. Average ROM iron ore production of the mine was of the order of 0.9 Million tonne per annum.

2.4 Points emerged during deliberations with GMOEA:

The committee held discussions with member representatives of the Goa Mineral Ore Exporters Association (GMOEA), a body of miners and exporters of iron ore exported from the ports of Goa, as one of the stakeholders on 12.06.2018 (A/N) regarding procedure adopted for filing of returns.

The following issues emerged: -

- (i) The mining lease holders were reporting the production and stock of ROM iron ore at mine head properly at Item 2 of Part-II of Monthly Returns submitted in Form F-1 of MCDR, 1988.
- (ii) The Grade wise iron ore production, dispatches, stocks and Ex-mine prices of processed iron ore under Item 3 of Part – II of the monthly return was being reported by the lessee, when the mineral is processed within the mining leased area. When the mineral is processed outside the mining leased area, then it was not reported in the Item 3.
- (iii) It is reported that the new format of the monthly & annual returns as per MCDR, 2017 on is not available on IBM online portal. Thus, the data relating to the grade and despatch of ROM, and its dispatch could not be entered as required in the new monthly & annual return.

2.5 System prevailed at Regional office of IBM, Goa:

The committee visited Regional Office, IBM, Goa on 13.06.2018 to examine and check the control charts and the prevailing system of compilation of the data from the returns received, scrutiny of the returns etc.

After examination the following points emerged:

- (i) The Regional Office has maintained the Control Chart of all the Monthly and Annual returns received.
- (ii) The Monthly and Annual returns of all mines are received regularly online as well as in hard copy of the same but in old format as per MCDR, 1988.
- (iii) The new format of the returns as per MCDR, 2017 is yet to be incorporated in the IBM portal for online filing. Therefore, returns are continued to be filed in old format.

3.0 RELEVANT LEGAL PROVISIONS

3.1 Mines and Minerals (Development and Regulation) Act, 1957

Section 9: Royalties in respect of mining leases:

3.2 Mineral Concession Rules, 1960/Minerals (Other than Atomic and Hydro Carbon Energy Minerals) Concession Rules, 2016:

3.2.1 Mineral Concession Rules, 1960:

Rule 27: Conditions.

Rule 64B: the charging of Royalty in case of minerals subjected to processing:

Rule 64C: Royalty on tailings or rejects

Rule 64D: Manner of payment of royalty on minerals on ad valorem basis:

3.2.2 Minerals (Other than Atomic and Hydro Carbon Energy Minerals) Concession Rules, 2016:

Rule 33: Returns and statements:

Rule 38: Sale Value:

Rule 39: Payment of royalty:

Rule 40: Provisional Assessment and Adjustment:

Rule 42: Computation of average sale price:

Rule 43: Publication of average sale price:

Rule 46: Average sale price in respect of run-of- mine:

3.3 Mineral Conservation & Development Rules, 1988:

Rule 45: Monthly and Annual returns

Rule 53: Copies of notices and returns to be maintained

3.4 Mineral Conservation & Development Rules, 2017:

The MCDR, 1988 have been replaced by the MCDR, 2017 w.e.f. 27th February 2017.

Rule 45:- Monthly and Annual returns:

4.0 PRODUCTION DATA PUBLISHED BY INDIAN BUREAU OF MINES:

4.1 As per Rule 45 of MCDR, 1988/2017 the lease holders are required to submit statutory Monthly & Annual Returns in specified Performa to the concerned RCOM of IBM and concerned State Government in online system followed by hard copy of the same. The returns are submitted as per the format revised according to MCDR (Amendment) Rules, 2011, Form F-1 for Monthly Returns (**Annexure-I**) and Form H-1 for Annual Returns (**Annexure-II**) in respect of Iron Ore production and despatch. The online returns submitted are also accessible by IBM (HQ), RCOM, CCOM and State DGM through the IBM Portal

4.2 The production details are reflected in the Part II of the F1 (Monthly Return) and Part VI of H1 (Annual Return) of MCDR, 1988. The part II of the Monthly Returns contains,

Item 1: Type of ore produced

Item 2: Production and stock of **ROM** ore at mine head– This table contains information on Category, Opening stock, Production and Closing stock of ROM ore at mine head. This table gives information

only on production of ROM& stock and no other information like grade of mineral, value, quantity dispatched, if any from the mine head. In the subsequent amendment on of MCDR, 1988, (New MCDR, 2017) on 27/02/2017 of Rule 45 of MCDR, provisions have been made in the Forms to report the grade of ROM, its dispatches from mine head and its ex-mine price. The development of online portal by including the said changes is a part of the ongoing MTS project which is under development by IBM.

Item 3: Grade-wise production, dispatches, stocks and ex-mine prices of processed ore -- In this table, details of grade-wise Lumps, Fines and Concentrate, opening stock at mine head, production, dispatches from mine head, closing stock at mine head and ex-mine price are reflected. ***This table contains significant information on the processed ore and IBM uses these figures for further compilation, like monthly average sale price (ASP) of each grade for the purpose of calculation of royalty by State Government, total production of each grade of Iron ore, closing stock etc.***

After getting the annual returns in Form H1 from the Lessees/Mine owners, the figures are compared with the respective monthly returns for data consistency etc. The figures of the production for the year 2015-16 published in the IMYB 2017 is compiled from the Annual Returns submitted by the Lessees in Form H1 for the year 2015-16 **for the processed ore only** for which Ex-mine prices are available.

In **Form H1**, the production is reflected in Part VI (production, Dispatches and stock)

The **part VI** of the Annual Returns contains:

Item 1: Type of ore produced

Item 2: production and stock of ROM ore at mine head –

As stated earlier about the monthly returns of Item 2, here also, this table contains information of category, Opening stock, Production and closing stock of ROM ore at mine head. This table gives information only on production of ROM and stock and no other information like grade of mineral, value etc. are available in this table. In subsequent amendment of Rule 45, MCDR, provisions have been made in the forms to report the grade of ROM, its dispatches from mine head and ex-mine price.

Item 3: Grade-wise production, dispatches, stocks and ex-mine prices of processed ore --

In this table, details of grade wise Lumps, Fines and concentrate, opening stock at mine head, production, dispatches from mine head, closing stock at mine head and ex-mine price are reflected. **This table contains significant information on the processed ore and IBM uses these figures for generation of various statements, reports, publications etc.**

Accordingly, the figures of production of Goa state for the year 2016-17(P), reflected as 8933(in Th. Tones) and the figures for the year 2017-18 (P) up to December 2017 (reflected as 3694 in Th. Tones) are compiled from the Part II, Item 3 of the statutory returns submitted in Form F1 by the Lessees i.e in respect of processed ore only. The total figures 8933 (in '000 Tonnes) and 3694 (in '000 Tonnes) are matching with the figures given for publication in IMYB 2017 and MSMPs respectively. The total production quantities reported by lessee in the statutory annual returns in item 3 of part VI of Form H1 for the year 2015-16 are computed as 1794 (in Th. Tonnes) and is also matching with the published figure in IMYB 2017, which is again processed ore quantity.

4.3 The data as per returns are manually entered in Mine-cum-Production (MCP) data base of IBM under Oracle system for processing and generation of various reports. The production details are reported in Part – II of the F-1 (Monthly Return) and Part-VI of H-1 (Annual Returns). In both of these parts, Item 2 contains the data on opening stock, production & closing stocks of **ROM Production** at mine head. The grade wise data of opening stock at mine head, production, dispatches from mine head, closing stock at mine head and the ex-mine price thereof are reported in Item 3 of these parts (Part-II of F-1 & part-VI of H-1). **The production related data released through various publications of IBM are data from the table, under item-3 of the Monthly Return (F-1).**

4.4 The data of ROM production & Grade-wise production of Iron Ore, based on the Monthly & Annual Returns submitted by the lessees of Goa State, compiled from the MCP data base of IBM is given below :-

ROM & Grade-wise Production of Iron Ore, Goa

Year	Production (in Thousand Tonnes)	
	ROM	Total Grade wise Production
2015-16(Annual Return H1)	7256	1794
2016-17(Monthly Return F1)	19991	8933
2017-18 (up to March 2018) (Monthly Return F 1)	10417	8040

4.5 The production of Iron ore published by IBM is matching with the total Grade-wise production-column (3) of the above table. It is also

stated that the production reported by DMG, Government of Goa as submitted to the Hon'ble High Court is also almost matching with the ROM Production – column(2), which is not published by IBM. Thus the production data published is of processed ore taken from Returns received till the date of compilation from Item-3 of Part-VI of Annual Return and Item-3 Part-II of Monthly returns.

4.6 The Grade-wise production, despatches and ex-mine prices of processed ore are given in respective columns of Monthly Returns(F-1) and Annual Returns (H-1). The same was compiled and produced in IBM's publication. To publish Average Sale Price of minerals in MSMP the grade-wise ore where Ex-mine price is available have been taken as production under PART-II (3) of F-1 returns. The ROM production given in PART-II in Item No. 2 was not considered for publishing as there was no grade & value available in respected of ROM.

5.0 OBSERVATIONS:

- As per MCDR, 2017 which came into effect from 27th February 2017, it is mandatory to file online Monthly and Annual returns with digital signature followed by hard copy of the same if it is not submitted with digital signature. However, in the online system of IBM, yet provision is not made for submission of returns with digital signature. Therefore, the mining leaseholders are bound to submit the online return followed by hard copy of the same with signature.
- In the context of mining, the production is always considered as the ore excavated from the insitu mine faces in ROM form. In both the formats of MCDR, 1988 and 2017 the same has been prescribed in Item 2 as below:

Production and Stocks of ROM ore at Mine-head

Category	Opening Stock	Production	Closing Stock
(a) Opencast Working			
(b) Dump Workings			

- Therefore, for all practical purpose the ROM production only is considered as Production. Even the production capping allocated by the State Government as per the Hon'ble Supreme Court directives, Environmental Clearance approval, Mining Plan production approval is based on the ROM production only and the same is being monitored by IBM.

6.0 CONCLUSIONS AND WAY FORWARD

1. The only anomaly is that of “production” which is shown in the IMYB. On the basis of grade wise production IBM publishes Average Sale Price (ASP) on monthly basis for calculation of Royalty on ad-valorem basis. In fact the production shown in IMYB is not the actual production of ROM Iron ore obtained from in-situ ore zone excavation; but it is the production of processed ore only that is obtained after processing the ROM iron ore. The ROM production is calculated from item-2 of Monthly Return (Form F-2). However, from now onward this practice is required to be reviewed and in the IMYB both ROM figure and processed ore figure will be reflected in the context of MCDR, 2017.
2. As per provisions exist in the erstwhile MCR, 1960 and Minerals (Other than Atomic and Hydro Carbon Energy Minerals) Concession Rules, 2016, royalty is charged on the iron ore which has been removed outside the lease area irrespective of ROM iron ore or processed iron ore.
3. The formats of Monthly and Annual return have been modified in MCDR 2017 to capture the ex-mine price of ROM Iron ore also. In prescribed Forms of MCDR, 2017 i.e. (Form F1 for Monthly Return for Iron ore) and (Form G1 for Annual Return for Iron ore), grade wise ROM ore dispatches from mines head has been included, which was not existed in the prescribed Forms of MCDR, 1988 i.e. (Form F1 for Monthly Return for Iron ore) and (Form H1 for Annual Return for Iron ore). However, in online platform system of IBM, prescribed Forms (Form F1 for Iron ore) and (Form G1 for Iron ore) have not been modified as per MCDR, 2017; the same remains like before as per MCDR, 1988. The modification in the online system is contemplated in the MTS which is presently under implementation in IBM. Therefore, the mining lease holders could not indicate the grade wise dispatches of the ROM ore in the online system and in hard copy.
4. The DMG, Goa has considered production as Run-of-Mine reflected under Item-2 of Part-VI of Annual Return (H-1) and Item-2 Part-II of Monthly returns (F-1). The production capping allocated by the State Government as per the Hon'ble Supreme Court directives, Environmental Clearance approval limit, Mining Plan production approval is based on the ROM production only. Therefore, the Regional Office of IBM at Goa has also considered the data of ROM production for monitoring purpose.

5. The ME Division of IBM is sourcing the production data directly from M&MS Division and publishing in the IMYB which is the data in respect of processed ore only. They are not compiling anything from the Returns separately.
6. The M&MS Division of IBM has considered and reported only processed iron ore production where ex-mine price is reflected for the purpose of calculation of Average Sale Price (ASP) of various minerals.
7. As already stated, the production reported by DMG, Goa is of the ROM Iron ore production compiled from Item 2 of Part II of the returns (F-1) submitted by the lease holders, whereas the production published by IBM in its publications is of the total grade-wise production of processed ore, compiled from item 3 of Part II (F-1) of the returns. The ROM production as indicated in item 2 of Part II of F-1 is not comparable with the grade-wise production as indicated in item 3 of Part II of F-1 due to following reasons,
 - (a) ROM production may/need not be processed during the same month/year.
 - (b) Grading/Processing may be done from closing stock of ROM without necessarily having ROM production during the month/year.
 - (c) ROM always contains waste material resulting to lesser quantity of production of grade-wise ore.

In order to capture the data on Grade-wise Production, Despatches, Stocks and Ex-Mine prices of ROM Iron ore, the online system of filing of Monthly and Annual Return of IBM is being modified forthwith through the online return submission component of IBM's ongoing **MTS project**.

(J. R. Chaudhary)
Controller of Mines, South Zone, MDR Division
Chairman

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)
(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)		

ANNEXURE - II

FORM - H1

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 (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.)