

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT**

**Nagpur regional office**

**Mine file No :** MAH/GND/FE-3/NGP

**Mine code :** 30MSH31003

- (i) Name of the Inspecting : **M017** ) **ASHISH MISHRA**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Nitin Wath, Agent  
Official with  
Designation
- (iv) Date of Inspection : 21/08/2019
- (v) Prev.inspection date : 17/10/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MANEGAON (37.34 H)**
- (b) **Registration NO.** : **IBM/4800/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MAHARASHTRA  
District : GONDIA  
Village : MANEGAON  
Taluka : AMGAON  
Post office : AMGAON  
Pin Code : 441902  
FAX No. : 07104-237583  
E-mail : NONE  
Phone : 07104-237583
- (f) Police Station :
- (g) First opening date : 19/07/2007
- (h) Weekly day of rest : SUN
2. Address for : M/S JAYASWALS NECO INDUSTRIES LTD.  
correspondance : F-8,MIDC,HINGNA ROAD  
NAGPUR 440016
3. (a) Lease Number : MSH0343
- (b) Lease area : 11
- (c) Period of lease : 50
- (d) Date of Expiry : 26/07/2055
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : M/S JAYASWALS NECO LTD.  
F/8, MIDC Industrial Area  
Hingna Road, Nagpur- 16  
NAGPUR MAHARASHTRA  
Phone:  
FAX :

Owner : JAYASWALS NECO LTD.  
F-8, MIDC, HINGNA ROAD  
NAGPUR NAGPUR MAHARASHTRA  
Phone:  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	27/01/2005
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	07/12/2012
	:	MP modif under MCR 1960	18/12/2015
	:	FMCP under 23C(1)	14/03/2016

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No backlog	In the last approved Modified Mining Plan approved for the period 2015-16 to 2019-20 has proposals for drilling 4 boreholes in the 3rd year of the proposals i.e., in 2017-18. However, the proposals were completed in the year 2015-16 itself by drilling 7 core boreholes at 100 m X 100 m grid with a total of 39 m drilling.	As per Form K seen during the inspection, Bore hole No. 1 was the deepest having 11.5 m depth drilled at N21D 21M 43.9S and E80D 17M 29.1S and other 6 boreholes were having a depth of 8 m, 4.5 m, 6 m and 3 m (for rest 3 boreholes). The exploration was done to examine whether any orebody is occurring below the float ore or not. Results suggested that the area is having only float ore mineralization upto 0.8-1.0 m depth.
1b	Exploration over lease area for geological axis 1 or 2	Entire area has been covered under G-1	As per the proposals, entire area has been proved upto G-1 level. Exploration has been carried out in form of trial pits (17 Nos. at 50 m grid having dimensions 1 m L X 1 m W X 1.5 m D and 3 trenches having dimension 5 m L X 1 m W X 1.5 m D) and 7 core bore holes that proved occurrence of float ore only in around 5.5083 ha area out of total lease area of 11.0 ha. In the proposal period 2005-06 to 2009-10, additional 5 trial pits were also sunk.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil as no exploration has been done in the year 2017-18.	

1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20	Balance reserves as on 01.04.2019 is given in 'Actual Work' details.	111- 24686 T 211- 2896 T	
1f	General remarks of inspecting officers on geology, exploration etc		The area consists of 3 non-contiguous blocks out of which, only 5.5083 ha area in the downhill slope of the adjacent hill is having float ore occurrence. Actually, the area in the hill slope that (hill) contains main ore body which was included in the original grant of ML but could not be executed due to forest clearance. Thus, only float ore mining is being done in the existing area.	Geologically entire area has been proved upto G-1 level through extensive pitting and trenching. Additionally 7 core boreholes have also been drilled in the area to confirm any mineralization below the float ore occurring in the area. Hence, geology and exploration aspects have been satisfactorily dealt with for the existing lease area.

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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Location of proposed development is in between grids N2362300 to N2362500 and E 426400 to E426600	Actual development and production activities are limited within the proposed working area.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No such proposals as the working is for exploitation of float ore only.	Not applicable.	

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2c	Stripping ratio or ore to OB ratio	1:4	The ratio has been calculated as per the recovery which is approximately 20% of Float ore out of the total excavated material.	
2d	Quantity of topsoil generation in m3	No such proposals	Nil	
2e	Quantity of overburden generation in m3	2018-19: 3748 cum	2018-19: Approximately 1950 cum	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Development activity in the area is in form of formation of approximately 1 m deep pit by manual digging, then manual sorting of float ore from the excavated material and after sorting, the material is backfilled into the excavated zone. With this, the area is being simultaneously restored after exploitation of minerals.	As type of deposit is only Float ore in the area, development of pit is adequate and working adopted by simultaneous backfilling of mined out areas is suitable for the area so that such reclaimed land can be used for plantation or other activities.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit has been made over an area of approximatly 0.241 ha.	
3b	Quantity of ROM mineral production proposed	2018-19: 3280 T	2018-19: 1696 T	

3c	Recovery of sailable/usable mineral from ROM production	70% of ROM Float Ore recovered	100% of Float ore exploited	Entire quantity recovered is graded on the basis of size fraction, Lumps and Fines (Both below 55% Fe) and dispatched to the Steel Plant to which the mine is captive for blending the ore with material received from other mines of the same lessee. It is also proposed in the mining plan that mineral rejects shall also be blended as per user demand. Hence, recovery is 100% and mineral rejects generation was considered as Nil.
3d	Quantity of mineral reject generation	30% of Float Ore i.e., 984 T for 2018-19.	Nil.	As mentioned in item 3c.
3e	Grade of mineral rejects generation and threshold value declared.	45% to 53% Fe content	Nil as no mineral rejects generated.	
3f	Quantity of sub grade mineral generation.	No such proposals	Nil	
3g	Grade of sub grade mineral generation	No such proposals	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual sorting of Float Ore ROM/ Excavated Material from the pit	As per the proposals	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposals	Nil	

3j	Provision of drilling and blasting in mineral benches	No such proposals	Nil	Mining is being done for 1 m depth only from the surface through Manual Digging and sorting of ore.
3k	Provision of mining machineries in mineral benches	No machineries to be deployed.	Nil	One truck is deployed for manpower conveyance and the same is reflected in the returns (with capacity mentioned as zero as it is not being used for mining purpose). Apart from this, no mechanization is available.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height proposed is 1 m.	As per the proposals, bench of 1 m height is maintained and it is suitable for manual working in the area.	
3m	Total area covered under excavation/pits	Total 5.0946 ha area is proposed to be covered under pits upto the proposal period of 2015-16 to 2019-20. Already reclaimed and rehabilitated area was not considered for calculation of Financial Assurance (@ Rs 15000/- per ha as per MCDR'1988) for 10.6749 ha total proposed land use area given in the Mining Plan document.	As on 31.03.2019, area under pits is 1.7175 ha out of which, 0.241 ha area is under excavation/pits, 1.408 ha area has been backfilled with soil mixed OB having 0.281 ha area under mineral sorting/storage and roads. Further, 0.0685 ha of mined out area has been converted into water harvesting pit.	FA has been submitted for total land use as per the proposals at revised rates as per the provisions of Rule 27 of MCDR'17 and BG of Rs 2134980/- is deposited in this office (for 10.6749 ha land use area @ Rs 2 Lakh per ha).
3n	Ore to OB ratio for the pit/mine during the year.	1:4	1:4	

3o	Total area put in use under different heads at the end of year	Total area put to use under different heads at the end of year is given under 'Actual Work' details.	As on 31.03.2019, area under: Excavation- 0.241 ha Roads/Mineral Sorting/storage etc.- 0.281 ha Reclaimed-1.8465 ha Plantation-3 ha Work done under PMCP during the year-0.5 ha (Total area covered under plantation=3.5 ha)	Here it is to mention that reclamation of 0.4385 ha area under water reservoir (0.0685 ha of Mined out land and 0.37 ha of waste land) has not been mentioned in the Annual Returns for which violation has been issued.
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 3280 T 2016-17: 3280 T 2015-16: 3280 T 2014-15: 4060 T 2013-14: 4060 T	2017-18: 1641 T 2016-17: 862 T 2015-16: 1727 T 2014-15: 1240 T 2013-14: 1508 T	
3q	General remarks of inspecting officers on method of mining etc.			Method of mining is completely manual in which 1 m deep pit is being dug manually and the excavated material is kept near the pit. Thereafter, the excavated material is being sorted for mineral recovery which is observed to be 20% on an average. After this sorting activity, the remaining material i.e., soil mixed OB is backfilled into the excavated area. Based on the occurrence of ore, capital investments & manpower deployment (Average 6 per day); method of mining is suitable for working.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No such proposals as per the working in the area	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No such proposals as concurrent backfilling is proposed. For mineral rejects, it is proposed in the mining pan that mineral rejects shall also be blended as per user demand.	No dump is available in the area. Mineral rejects are being dispatched to the plant, to which the mine is captive.	
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not applicable in light of earlier points under this section.	Nil	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not applicable	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Nil	
4j	Number of settling ponds	No such proposals	Nil	No settling ponds are there but one rainwater harvesting pit in the mined out area (0.0685 ha) and one water reservoir over waste land (0.37 ha) area are present in the area.

4k	Specific comments of inspecting officer on waste dump management	Waste dumps are not available in the area and excavated land is being restored through generated waste. Hence, waste management is satisfactory in the area and due to non availability of dumps, aesthetically and ecologically, the area is very less disturbed.
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Full exploitation of float ore occurring in the area and then backfilling of the mined out pit.	As per the proposals.	
5b	Area under backfilling of mined out area	As per the proposals in the 2015-16 to 2019-20, 5.096 ha is proposed to be excavated and backfilled concurrently.	Total 1.7175 ha area has been excavated till 31.03.2019 out of which 1.408 ha area has been backfilled. Out of this backfilled area, 1.127 ha area has been considered as reclaimed and rest 0.281 ha area is being utilized as roads, Mineral sorting/storage yard etc. Further, 0.0685 ha of mined out area has been converted into water harvesting pit. Thus, total reclaimed mined out area is 1.1955 ha.	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Yes, concurrent use of soil mixed OB is proposed for restoration of the area through backfilling of mined out area.	As per the proposals.	
5d	Total area fully reclaimed and rehabilitated	5.906 ha mined out area at the end of proposal period of 2015-16 to 2019-20	1.408 ha area has been restored through backfilling out of which 1.127 ha area has been considered as reclaimed. Rest 0.281 ha area is under roads Mineral sorting/storage yard etc.. Further, 0.0685 ha of mined out area has been converted into water harvesting pit. (Total mined out land reclamation= 1.1955 ha)	Apart from the above, green belt plantation has also been carried out in the area over available non-mineralized waste land which is spread over 3.5 ha and 0.37 ha area under waste land has also been converted into water reservoir. (Total Waste Land reclamation= 3.87 ha). But the same doesn't pertain to the section 'Backfilling', hence not mentioned in the 'Actual Work' here.

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Concurrent backfilling is being done with the available soil mixed overburden from the excavated material after recovering the float ore occurring in the area. Reclaimed land after backfilling is converted into grass land and grazing/pasture land by the local people. Part of the land is also under agriculture by local people. Thus, restored land is under active use by the local community.
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## Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Annual report on PMCP is required to be submitted before 1st July every year for preceding year as per Rule 26(2) of MCDR'2017	Annual Report on PMCP has been submitted by the lessee.	
6b	Area available for rehabilitation (ha) .	As per the proposals, 5.096 ha area is required for excavation/pit s and 5.4917 ha waste land is available in the area which shall be utilized for reclamation and rehabilitation activities.	As on 31.03.2019, total excavated area is 1.7175 ha out of which reclaimed area is 1.1955 ha and waste land reclamation done till 31.03.2019 is 3.87 ha. Thus, area available for reclamation activities available as on 31.03.2019 is 0.241 ha of mined out area, 0.281 ha of area under roads, mineral storage/sorting etc. and 1.6217 ha of waste land area.	

6c	afforestation done (ha).	1.5 ha area is already under plantation and additional plantation is proposed over 2.5 ha with 500 saplings per year during the proposal period of 2015-16 to 2019-20. (Total 4.0 ha till 31.03.2020).	As on 31.03.2019, 3.5 ha area has been covered under plantation.	
6d	No. of saplings planted during the year	2018-19: Proposed plantation to be carried out shall be 500 saplings	2018-19: Actual plantation carried out: 250 saplings	Violation of Rule 11 (2) of MCDR'2017 has been issued for clarifications and compliance.
6e	Cumulative no .of plants	3500 saplings	Around 1220 saplings have been planted	Though area-wise afforestation done (3.5 ha) is as per proposals, however, number of saplings are on lower side and survival is also low. As on the date of inspection, the area was seen as fenced to ensure proper maintenance of the plantation and ensure survival as most of the plants were destroyed by the cattle in the past as informed by the accompanying officials. Violation of Rule 11(2) is issued for non-compliance of proposals for less number of saplings planted.

6f	Any other method of rehabilitation	Reclamation and rehabilitation in the area is proposed in form of :- (i) Backfilling of mined-out area and converting it into grazing/pasture land (ii) Conversion of waste land into green belt	Actual reclamation done is in form of : (i) Backfilling of mined-out area and converting it into grazing/pasture land (ii) Conversion of mined out land into rain water harvesting pit (iii) Conversion of waste land into green belt (iv) Conversion of waste land into water reservoir with construction of check bunds	Mined-out and waste land have been converted into rain water harvesting and water reservoir to facilitate availability of water for agricultural activities in and around the lease area. Conversion of mined out pit into grazing and pasture land is beneficial in form of availability of cattle feed. Thus, the reclamation is observed to be beneficial for the local communities.
6g	Cost incurred on watch and care during the year	RS 50000/-	Approximately Rs 1 lakh including labour payment for maintenance of plantation carried out in the area.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	As per the proposals, 5.096 ha area is required for excavation/pits at the end of proposal period 2015-16 to 2019-20 and concurrent backfilling shall be carried out.	As on 31.03.2019, total excavated area is 1.7175 ha out of which reclaimed area is 1.1955 ha. Thus, area available for reclamation activities available as on 31.03.2019 is 0.241 ha of mined out area, 0.281 ha of area under roads, mineral storage/sorting etc. (backfilled but not yet reclaimed).	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	As per the proposals, 5.096 ha area is required for excavation/pits at the end of proposal period 2015-16 to 2019-20 and concurrent backfilling shall be carried out.	1.408 ha area has been restored through backfilling out of which 1.127 ha area has been considered as reclaimed. Rest 0.281 ha area is under roads Mineral sorting/storage yard etc.. Further, 0.0685 ha of mined out area has been converted into water harvesting pit. (Total mined out land reclamation= 1.1955 ha)	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No such proposals.	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposals	0.0685 ha of mined out area has been converted into water harvesting pit.	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No such proposals	Nil	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	0.5 ha area to be covered every year under green belt plantation for reclamation of waste land available in the area by plantation of 500 saplings as per the approved proposals made for the period 2015-16 to 2019-20.	0.5 ha area has been converted into green belt in the year 2018-19 but number of saplings are 250 only.	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	4.0 ha upto 31.03.2020 as per the approved proposals (1.5 ha existing + 2.5 ha additional in the 5 years period of 2015-16 to 2019-20)	3.5 ha area has been rehabilitated	As on the date of inspection, the area was seen as fenced to ensure proper maintenance of the plantation and ensure survival as most of the plants were destroyed by the cattle in the past as informed by the accompanying officials.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No such proposals apart from afforestation.	Apart from afforestation, a water reservoir has been made with the construction of check bunds on 0.37 ha of waste land in the area.	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environment monitoring is proposed in core zone only as the working is on a very small scale through manual means.	Environment monitoring has been done for air and water only (not done for noise and ground vibration as no mechanization and no requirement of drilling and blasting). Expenditure incurred is Rs 25000/- over 4 samples (2 each for air and water) pre-monsoon and post-monsoon.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Progressive closure operations are satisfactory except number of saplings in the area which are not as per the proposals. To enhance survival, lessee has constructed fence and almost 3.5 ha area has been fenced which was a positive move. Apart from this, keeping final closure in mind, progressive closure is being done to convert mined out land and waste land into grazing land/reservoir so as to make it beneficial to the local people.

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise and size-wise sorting of ROM and dispatch of graded ore.	As per the proposals	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Below 55% Lumps and below 55% Fines. Alongwith this, 45% to 53% Fe content Mineral rejects are proposed to be generated which shall be utilized as per user (captive plant) demand.	As per the proposals, grades available are below 55% Lumps and below 55% Fines. Mineral rejects were blended and dispatched, hence considered as 'Nil'.	
7d	Any beneficiation process at mines	No such proposals	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Float ore available at mine is being sorted manually so that complete recovery can be ensured. Mineral rejects generated are blended and dispatched to the plant to which the mine is captive. hence, conservational aspects are satisfactory.

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Environment :

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Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No such proposals.	Nil	

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8b	Concurrent use or storage of topsoil	No such proposals	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No such proposals	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes, soil mixed with overburden is proposed for concurrent backfilling of the mined out pit.	As per the proposals.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Pits are proposed for phased restoration through concurrent backfilling.	1.408 ha area has been restored through backfilling out of which 1.127 ha area has been considered as reclaimed. Rest 0.281 ha area is under roads Mineral sorting/storage yard etc.. Further, 0.0685 ha of mined out area has been converted into water harvesting pit. (Total mined out land reclamation= 1.1955 ha)	After backfilling, the area is converted into grazing/pasture land.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline information furnished in Mining Plan. Additional plantation upto 31.03.2019 is proposed as 3500 saplings.	Baseline information furnished in Mining Plan. Additionally, around 1220 saplings have been planted.	
8g	Survival rate	75%	60% average survival rate is observed in the area.	As on the date of inspection, the area was seen as fenced to ensure proper maintenance of the plantation and ensure survival as most of the plants were destroyed by the cattle in the past as informed by the accompanying officials.

8h	Water sprinkling on roads to control airborne dust	No such requirements as per the working proposed in the area.	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around area is satisfactory. Plantation has been carried out in the area over 3.5 ha which is fenced. Efforts to be taken towards more number of saplings and enhanced survival of the plantation in the area.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual Returns are required to be submitted online on or before 30th June of every preceding year for Monthly returns are required to be submitted online on or before 10th of every month for preceding month	AR submitted online upto 2018-19 MR submitted online upto Aug'19	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: SHRI R. K. SHRIVAS Geologist: SHRI SURESH SONKAR (PART TIME) Manager: SHRI R. K. SHRIVAS	Complete and correct information furnished.	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under: Covered under current (O/C) Workings- 0.241 ha Reclaimed/Rehabilitated- 1.127 ha Occupied by plant, buildings, residential, welfare buildings & roads- 0.281 ha Other Purpose (Plantation)- 3.0 ha Work done under progressive mine closure plan during the year- 0.5 ha	As on 31.03.2019, area under: Excavation- 0.241 ha Roads/Mineral Sorting/storage etc.- 0.281 ha Reclaimed-1.8465 ha Plantation-3 ha Work done under PMCP during the year-0.5 ha (Total area covered under plantation=3.5 ha)	Here it is to mention that reclamation of 0.4385 ha area under water reservoir (0.0685 ha of Mined out land and 0.37 ha of waste land) has not been mentioned in the Annual Returns for which violation has been issued.
9d	Scrutiny of Annual return on afforestation	(i) Number of trees planted during the year: 250 (Within Lease area), 40 (Outside Lease Area) (ii) Survival rate in percentage: 60.00 (Within Lease area), 40 (Outside Lease Area)	Complete and correct information furnished for within lease area. outside lease plantation could not be verified.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Correct information furnished and no rejects were found to be stacked at the site.	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: Opening and Closing Stocks- Nil, Production- 1696 T Graded Ore: (i) Lumps: (a) Below 55% Fe- Opening Stock- 88.230 T, Production- 1367 T, Dispatch- 1425.655 T, Closing Stock- 29.575 T (ii) Fines: (a) Below 55% Fe- Opening Stock- 34.40 T, Production- 329 T, Dispatch- 273.025 T, Closing Stock- 90.375 T	Complete and correct information furnished.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value: Nil Ex-mine Price: (i) Lumps- (a) Below 55% Fe- Rs 1352.86 per T, (ii) Fines- (a) Below 55% Fe- Rs 1352.86 per T, Cost of Production: Rs 1352.86 per T	Complete and correct information furnished as per the 'Captive' status of the mine.

9h	Scrutiny of Annual return on fixed assets	Value of Fixed Assets: Nil	As the status of the land under lease is Govt. Revenue Land (4.0 ha) and Private Land (7.0 ha). For private lands, consent has been taken and after completion of mining activities, the land shall be returned to the landowners. As no land is under the ownership of the lessee, assets are considered as zero. Further, no plant or machineries are deployed in the mine. Thus, the information furnished is complete and correct.
9k	Scrutiny of Annual return on mining machineries	One truck with 'Nil' capacity.	One truck is deployed for manpower conveyance and the same is reflected in the returns (with capacity mentioned as zero as it is not being used for mining purpose). Apart from this, no mechanization is available.

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**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	27/09/2019			
MCDR17	Rule 11(2)	27/09/2019			
	Rule 45(7)	27/09/2019			

**Date :**

**(ASHISH MISHRA)**

Indian Bureau of Mines