

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/GAD/FE-2/NGP

Mine code : 30MSH27002

- (i) Name of the Inspecting Officer and ID No. : K02 ) Kalmata.M.K.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine Official with Designation : *Shri Rahul Bhadra, qualified person.*
- (iv) Date of Inspection : 20-OCT-21
- (v) Prev.inspection date : 20-OCT-18

PART-I : GENERAL INFORMATION

1. (a) Mine Name : SURJAGARH (348.09HA)
- (b) Registration NO. : IBM/5067/2011
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MAHARASHTRA  
District : GADCHIROLI  
Village : SURJAGARH(WOORIA HIL  
Taluka : ETAPALLI  
Post office : ETAPALLI  
Pin Code : 442704  
FAX No. : *NA*  
E-mail : *Surjagarhmine@llyods.in*  
Phone : *07172 285398 | 285103*
- (f) Police Station :
- (g) First opening date : 15-JUN-07
- (h) Weekly day of rest :
2. Address for correspondance : *M/S Lloyds Metall & Engineering Ltd. Plot NDA1&A2 MIDC area, Chughul, Dist. Chandrapur Maharashtra - 442505.*
3. (a) Lease Number : MSH0370
- (b) Lease area : 348.09
- (c) Period of lease : 50
- (d) Date of Expiry : 05-FEB-57
- [Lease is extended for 50 years as per Section 8A(3) of MMDR Amendment Act-20 However execution of the lease deed by the extended lease period is under process,*
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : M/S LLOYDS METAL & ENGINEERS LTD  
 A-WING, BLOCK NO.805/806, Plot A-1 & A-2, MIDC Area.  
 8TH FLOOR, LOKMAT BHAVAN, Chugul, Dist. Chandrapur.  
 RAMDASPETH, NAGPUR (MS) Maharashtra - 442505.  
 NAGPUR MAHARASHTRA  
 Phone: ph: 07172-285398 | 285103  
 FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 03-MAR-04  
 Plan/Scheme of Mining : Mining Scheme rule 12 MCDR1988 21-MAR-17

### Details of Mining Engineer & Geologist.

#### 1] Mining Engineer.

Name:- Shri Suraj Pimankar,

Qualification:- B.E. Mining

Date of appointment : 12/04/2021.

#### 2] Geologist:-

Name:- Shri Kamal Yadav.

Qualification:- MSc. Geology.

Date of appointment:- 01.09.2021.

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	In the approved document dated 21.03.2017, there was a proposal to drill 17 boreholes in the present plan period.i.e. 10 in the year 2017-18 to 2018-19 and 07 during 2019-20 to 2021-22.	No exploration has been carried out during the present plan period.	The proposed exploration is not carried out due to local problem. The lease is located in the LWE affected area. However, based on the office records RCOM has pointed out violation for the same under Rule 11(1) of MCDR 2017. So no fresh violation is pointed out for the same.
1b	Exploration over lease area for geological axis 1 or 2	Proposal was given to explore entire mineralized area under G-1 level.	No exploration has been carried out in the present plan period due to local problem.	So, far about 45.71Ha is explored under G-1 level. Exploration was carried out by DGM, Maharashtra, during 1963 to 1971.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No such proposal was given in the approved document.	No exploration has been carried out during the present plan period.	Exploration has been not carried out due to local problem.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Proposal was given to explore entire mineralized area under G-1 and G-2 level, about 195.74Ha. was proposed for exploration.	No exploration was carried out in the present plan period.	Due to local problem exploration is not carried out as per the proposal. So far about 45.71Ha is explored under G-1 level, 107Ha under G-2 and 2.00Ha under G-3 level.

1e	Balance reserve as on 01/04/20	Reserves as per the approved document dated 21.03.2017 Proved Reserves (111) - 68.837 Million tonnes Probable M Reserves (122) - 4.724 Million tonnes Pre- feasibility resources (222) - 0.0613 Million tonnes Inferred Resources (333) - 16.49 Million tonnes Total-  90.1123 Million tonnes.	Reserves/resources as on 01.04.2021. Proved Mineral reserves (111) 68.837 Million tonnes Probable M Reserves (122) 4.379 Million tonnes Pre-feasibility M resources (222) 0.0613 Million tonnes Inferred M Resources (333) 16.49 Million tonnes Total 89.767 Million tonnes	In the present plan period working has been carried out in the float ore only. So, reserve/resources were updated by depleting float ore production of 0.344 MT carried out during the period 2017-18 to 2020-21.
1f	General remarks of inspecting officers on geology, exploration etc		The present shaped surjagad hill range occurs at about 608mtr height from the MSL. The Iron ore formation consists of Ferruginous Phyllites and Banded Haematite Quartzites. General strike of the formation is WNW-ESE & dip 60 to 70 deg towards south. The area is explored by Directorate of Geology and Mining, Maharashtra by drilling 57 boreholes during past years(1963 to 1971). About 45Ha is explored under G-1 level and 107Ha under G-2 Level.	Lessee has proposed 17 boreholes in the present plan period (2017-18 to 2021-22). However no exploration has been carried out due to local problem. The mine is located in the LWE affected area. However, based on the office records RCOM has pointed out violation for the same under Rule 11(1) of MCDR 2017. So no fresh violation is pointed out for the same.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In the year 2020-21, insitu working was proposed from the sections E-E', F-F', G-G',H-H' I-I' and J-J' and float ore mining in the eastern side and western side of the lease area.	No working has been carried out in the year 2020-21.	However, in the present plan period upto 2020-21, working has been carried out in the float ore zone only.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes proposed.	No working has been carried out in the year 2020-21.	Previously the working has been carried out in the float ore only and development work for insitu mining was under progress. In the float ore zone 6 benches were made . Approximate dimension of the float are working is 475m (L) x 260m(w) and average bench height 3.00 to 3.5 Mtrs.
2c	Stripping ratio or ore to OB ratio	1:0.06 in the year 2020-21.	Nil.	No production was carried out in the year 2020-21. And in the previous years mining is carried out in the float ore zone only.
2d	Quantity of topsoil generation in m3	80,000 in the year 2020-21.	Nil.	No mining has been carried out in the year 2020-21.
2e	Quantity of overburden generation in m3	23,550 in the year 2020-21.	Nil in the year 2020-21.	No working has been carried out in the year 2020-21.

2f General remarks of inspecting officers on development of pit w.r.t. type of deposit etc

In the year 2020-21, there was a proposal to work both in float ore and insitu, but no working has been carried out in the year 2020-21, due to local issues. The mine is located in the LWE area. However, in the present plan period very small quantity of ore is produced from the float ore mining.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One in the year 2020-21	No working has been carried out in the year 2020-21.	The mine is located in the LWE affected area and no mining has been carried out in the year 2020-21. However, previously the mining has been carried out in the float area only.
3b	Quantity of ROM mineral production proposed	Proposed 17,40,100 Tonnes of production in the year 2020-21	Nil in the year 2020-21.	The mine is located in the LWE area and no mining has been carried out in the year 2020-21. However in the year 2021-22, about 16,460 tonnes of ROM is produced up to September-2021 against the proposal of 27,65,450 tonnes in the year 2021-22 (Apr-2021 to March-2022).
3c	Recovery of sailable/usable mineral from ROM production	In the year 2020-21 recovery was shown 50% from the float ore working and 97% from the insitu working.	No working has been carried out in the year 2020-21.	The mine is located in the LWE affceted area and no working has been carried out in the year 2020-21.

3d	Quantity of mineral reject generation	No such proposals were given.	Nil.	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable.	Nil.	The threshold value declared for Iron ore is 45%Fe for haematitic ore and 35%Fe for siliceous ore. No production has been carried out in the year 2020-21 and ore produced before was above threshold grade and consumable by blending.
3f	Quantity of sub grade mineral generation.	No such proposals were given in the approved document.	Nil.	No production was carried out in the year 2020-21. However, the ore produced before was above threshold limit and consumable.
3g	Grade of sub grade mineral generation	Not applicable.	Nil.	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanical.	Mechanical.	Using mobile dry crushing and screening plants for segregation of ore.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Nil.	
3j	Provision of drilling and blasting in mineral benches	Yes proposed.	Nil in the year 2020-21.	The mine was not working in the year 2020-21 and no drilling and blasting has been carried out in the year 2020-21.

3k	Provision of mining machineries in mineral benches	Proposed combination of hydraulic excavators and dumpers.	No production has been carried out in the year 2020-21.	The working has been started in the year 2021-22 and excavators and dumpers were observed.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed 10 mtr bench height in the ore.	Nil.	No working has been carried out in the year 2020-21. Earlier, working has been carried out in the float ore only.
3m	Total area covered under excavation/pits	78.00Ha in the present plan period (2017-18 to 2021-22)	Approximately 12.00 to 13.00Ha up to 31.03.2021.	The mine was not working in the year 2020-21. the mine is located in the LWE affected area and mine was not working properly due to local issues. So, area under pits is less compare to proposed area. Further, the working has been carried out in the float ore zone only.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.06 in the year 2020-21.	Nil.	The mine was not working in the year 2020-21. Previously the working has been carried out in float ore zone only, so ore to OB is not applicable.
3o	Total area put in use under different heads at the end of year	Area under mining-78.00Ha, Topsoil storage-1.375Ha, Rejects-2.06Ha, Mineral storage-1.875Ha, Infrastructure -0.5910Ha.	Area under mining-12.00 to 13.00ha, Infrastructure-0.7Ha, Waste disposal-0.3Ha.	The mine is located in the LWE area and production and development carried out is very less compare to proposals, so deviation is existing in the land use pattern. Violation is pointed out for deviation in production under Rule 11(1) of MCDR-2017.



3p	Production of ROM mineral during the last five year period as applicable	2021-22 27,65,450 tonnes. 2020-21 17,40,100 tonnes. 2019-20 10,71,600 tonnes 2018-19 6,00,000 tonnes 2017-18 6,00,000 tonnes	2021-22 16,460 tonnes (Upto sep-21) 2020-21 Nil 2019-20 550 Tonnes 2018-19 1,68,603.370 tonnes 2017-18 1,75,397.225 tonnes	The mine is located in the LWE affected area and mine is not working properly due to local issues, so production is not carried out as per the proposal. Violation is issued for the the same by RCOM based on the office records.
3q	General remarks of inspecting officers on method of mining etc.	There was a proposal to work both in float ore zone and insitu mining. However, mining has been carried out in the float are zone only. The mine is located in the LWE affected area and working has been not carried out as per the proposals due to local issues. Violation is pointed out by the RCOM (based on office records) for deviation in the production under Rule 11(1) of MCDR-2017.		

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed separate dump for OB and ore.	No dumping was made in the year 2020-21.	The mine was not working in the year 2020-21 and no dumping was made. Further, working has been carried out in the float ore zone only and no OB was generated in the present plan period. The waste generated during float ore working is used for making bunds, road works and ramp for crushing and screening plants.

4b	Location of topsoil, OB and mineral reject dumps	Waste dump was proposed in the Northern side of the lease area .i.e., between the sections C-4 to C-7.	No dumping was made in the year 2020-21.	The mine was not working properly for local issues. In the present plan period working has been carried out in the float ore zone only
4c	Number of dumps within lease area and outside of lease area	one within the lease area.	No waste dumping was made in the year 2020-21.	The mine was not working in the year 2020-21 due to local issues. The waste generated during the previous years is utilized for making bunds, road work and ramps for crushing and screening plants within the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	No dumping was made in the present plan period.	In the present plan period working has been carried out in the float ore only so no OB was generated. However, the waste generated during float ore mining is used for making bunds, road work and ramps for crushing and screening plants.
4e	Number of active and alive dumps.	One	Nil.	No waste dumping was made within the lease area. The waste generated during float ore mining is utilized for making bunds, road works and ramps for crushing and screening plants.
4f	Number of dead dumps.	Not proposed.	Nil.	
4g	Number of dumps established.	Nil	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	Construction of parapetwall/retaining wall was proposed along the toe of the waste dump.	Nil.	The mine was not working regularly up to 2020-21, due to local issues and Production and development is made very less compare to proposals. further, the waste generated during float ore mining was used for making bunds, road work and ramps for crushing and screening plants. So no waste dumps were formed. Since no dumps were formed retaining walls are not constructed. However violation is pointed out for the same under Rule 11(1) of MCDR-2017.
4i	Length of Retaining wall or garland drain all along dumps	Approximately 100 mtrs	Nil.	No dumps were formed in the present plan period.
4j	Number of settling ponds	Not proposed.	Nil.	
4k	Specific comments of inspecting officer on waste dump management			The mine is located in the LWE affected area and working has been carried out regularly due to local issues. The mine was not working in the year 2020-21 and no dumps were formed. Previously the working has been carried out in the float ore only. The waste generated during float ore mining was utilized for making bunds , road work and ramps for crushing and screening plants and no waste dump has been made in the present plan period.

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Solid Waste Management - Backfilling:

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Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	There was a proposal to produce 6,00,000 tonnes of ore from float in the year 2020-21.	Nil.	No mining has been carried out in the year 2020-21 due to local issues. Further, the mine is located in the LWE affected area and working has been not carried out regularly, the float ore is not removed as per the proposal so no backfilling was made in the present plan period.
5b	Area under backfilling of mined out area	13.00Ha backfilling was proposed in the year 2020-21.	Nil.	Working has been not carried out in the year 2020-21 due to local issues, Further, in the present plan period backfilling was proposed in the float are mining area only
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed.	Nil	
5d	Total area fully reclaimed and rehabilitated	13.00Ha was proposed for backfilling in the year 2020-21.	Nil	Working has been not carried out in the year 2020-21 due to local issues so no backfilling was carried out

5e General remarks of inspecting officers on backfilling and reclamation etc.

The back filling was proposed in the float ore zone after recovery of the entire mineral available in the float ore zone. However, the mine was not working regularly due to local issues ( the mine is located in the LWE affected area) and entire mineral is not recovered from the float ore zone. So, no backfilling is carried out in the present plan period.

## 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).	Before 1st july of every year.	Lessee has not submitted the yearly report on PMCP for the year 2020-21.	Violation is pointed out for the same by RCOM under Rule
6b	Area available for rehabilitation (ha) .	13.00Ha was proposed for backfilling in the year 2020-21.	Nil.	Working has been not carried out in the year 2020-21, so no backfilling was carried out. Further, the backfilling was proposed in the float ore zone only. However, since mine is not working regularly the entire mineral was not removed from the float ore zone and no backfilling is carried out.

6c	afforestation done (ha).	13.00Ha in the year 2020-21.	Nil.	The afforestation was proposed on the backfilled area. In the present plan period the mine was not working regularly due to local issues and entire mineral was not removed from the float area as proposed, so back filling and afforestation was done.
6d	No. of saplings planted during the year	11000 in the year 2020-21	Nil.	The plantation was proposed on the backfilled area, but due to local issues the mine was not working regularly and no backfilling and plantation on the backfilled area was carried out in the year 2020-21. Violation is pointed out for the same under Rule 11(1) of MCDR-2017.
6e	Cumulative no .of plants	33000 in the present plan period upto 2020-21.	No plantation was made in the present plan period.	The plantation was proposed on the backfilled area, but no backfilling was carried out in the present plan period, due to the reasons as mentioned in the above paras , so no plantation was done in the present plan period.
6f	Any other method of rehabilitation	Not proposed.	Nil	
6g	Cost incurred on watch and care during the year	Not proposed.	Nil	

- 6h Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D
- There was a proposal to back fill about 13.00ha in the year 2020-21 ( 475M (l) x 275M( w) x 3.00M (h) .
- No backfilling has been carried out in the year 2020-21.
- The mine was not working in the year 2020-21, due to local issues so no backfilling was carried out. Further, Total 39.00ha was proposed for backfilling in the present plan period up to 2020-21. However, since the entire ore was not removed from the float ore zone the said backfilling in not carried out so far.
- 6i Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings
- Waste generated from float ore mining was proposed for backfilling.
- No backfilling has been carried out in the year 2020-21.
- About 3.0Lack CUM waste was proposed for backfilling in the year 2020-21 and 9,00,000 CUM up to 2020-21 in the present plan period. The mine was not working regularly due to local issues and entire mineral was not removed from the area which was proposed for backfilling. So, no backfilling has been carried out in the present plan period.
- 6j Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area
- 11,000 saplings proposed on the backfilled area in the year 2020-21.
- No plantation was made in the year 2020-21.
- Since the entire mineral was not removed from the area proposed for backfilling, no backfilling and plantation on the backfilled was made in the present plan period. Violation is issued for the same under Rule 11(1) of MCDR-2017.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposal were given in the approved document.	Nil.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No such proposals were given in the approved document.	Nil.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not proposed.	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not proposed.	Nil.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not proposed.	Nil.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed, regular monitoring of Air, Water, Noise and Vibration in the core and buffer zone.	The mine was not working in the year 2020-21 and no monitoring was carried out.



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	The mine is located in the LWE affected area, so working has been not carried out regularly as per the proposal. In the present plan period there was a proposals to backfill about 39.00ha mined out area(float ore zone) up to 2020-21. Since the mine was not working regularly, the entire mineral was not removed from the proposed bacfilling area and no backfilling and plantation on backfilled area has been carried out in the present plan period.	Violation is pointed out for the same under Rue 11(1) of MCDR-2017.
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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting within the lease area.	No working has been carried out in the year 2020-21.	Earlier, gradewise sorting was carried out within the lease area and graded ore was dispatched to M/s Lloyds Metals and Energy Ltd, for captive consumption.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical.	Dry crushing and screening.
7c	Different grade of mineral sorted out at mines.	No such proposal was given in the document.	Below 55% Fe, 58 to 60% Fe and 62 to 85%Fe ores are produced in the present plan period.	
7d	Any beneficiation process at mines	Not proposed.	Nil	Lessee is doing only dry crushing and screening for size separation.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Lessee is consuming entire ROM, by grade wise sorting and blending low grade ore with high grade ore as per the requirement.
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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed.	Nil.	
8b	Concurrent use or storage of topsoil	Not proposed.	Nil.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes proposed.	Nil.	The mine is not working regularly due to local issues and generation of waste was very less in the present plan period and waste generated during present plan period up to 2020-21 was utilized for making roads, bunds and ramps for crusing and screening plants.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes , proposed for backfilling of mined out area (Floar ore zone)	Nil.	The mine is not working regularly due to local issues and entire mineral was not removed from the float ore zone which was proposed for backfilling. So, no backfilling is carried out in the present plan period. The waste generated during float ore mining is utilized for making roads, bunds etc.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed backfilling and afforestation in the float ore zone.	Nil.	The mine is not working regularly and entire mineral is not removed from the float ore zone. So no backfilling and afforestation was carried out as per the proposal. Violation is pointed out for the same under Rule 11(1) of MCDR 2017.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No such information is available,	The mine is not working regularly and no plantation was made in the present plan period.	Violation is pointed out for the same under Rule 11(1) of MCDR 2017.
8g	Survival rate	Not proposed.	Nil.	No plantation was made in the present plan period up to 2020-21, so violation is pointed out for the same under Rule 11(1) of MCDR-2017.
8h	Water sprinkling on roads to control airborne dust	yes proposed.	Water sprinkling is being done in the working area.	Using water tankers for dust suppression.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		The mine is located in the LWE affected area and working has been not carried out as per the proposal. Up to 2020-21, working has been carried out in the float ore zone only and development work for insitu mining is under progress. No backfilling and afforestation was carried out in the proposed plan period.	Since the Entire mineral was not removed, proposed backfilling and afforestation was not carried out in the present plan period up to 2020-21. So, violation is pointed out for the same under Rule 11(1) of MCDR-2017.

## Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Lessee is regularly submitted monthly and annual returns.	Submitted annual returns for the year 2020-21 and Monthly returns up to September 2021.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer & Manager - Shri Subhash Singh, Geologist:- Dr. Manoj Kumar Sahu.	Mining Engineer- Suraj Pinjankar, Geologist- Kamal Yadav.	The information given on mining engineer and Geologist is found corrected. <i>Lessee has recently appointed Mining Engg &amp; Geologist as mentioned in attached photo</i>
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under current working- 22.00Ha, Waste disposal- 0.3Ha, Infrastructure -0.7Ha.	Area under mining approximately 12.00 ha, waste disposal -Nil, Infrastructure- 0.7Ha.	The area covered under current working given in the annual returns submitted for the year 2020-21 was appears wrong. So, violation is pointed out for the same under Rule 45(7) of MCDR-2017.
9d	Scrutiny of Annual return on afforestation	Nil	Nil.	The mine was not working in the year 2020-21 and no plantation was made. Violation is pointed out for the same under Rule 11(1) of MCDR 2017.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	The mine was not working in the year 2020-21 and no production is done.

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM-Oening stock and closing stock- 644.550tonnes, Production- Nil. Graded (Lumps) :- i) Below 55% Fe- Opening and closing stock: -550.00 tonnes	Compare to production and despatch made up to sep 2021, the details given in the annual returs are found correct.	The mine was not working in thye year 2020-21 and no production and despatch has been made.
		ii) 62% to below 65%Fe - Opening and closing stock: :- 94.550 tonnes.		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production:- Nil, Sale value Nil, Ex- mine price - Rs, 99770.72/ton	Cost of production and sale value is shown as Nil and ex-mine price was shown as Rs, 99770.72/ton.	The exmine price was given wrongly, so violation is pointed out for the same under Rule 45(7) of MCDR-2017.
9h	Scrutiny of Annual return on fixed assets	In the anuuan returns submitted for the year 2020-21, value of fixed assets is shown as Rs-513118541	The information furnished is found correct.	Plant and Machinery including transport equipment Rs 73647095, Capitalised Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc Rs 439471446
9k	Scrutiny of Annual return on mining machineries	Tippers (10 Cum capacity ) 03, Front end loader (1.00 Cum capacity) -03, Dozer-01.	The mine was not working in the year 2020-21 and details of mining machineries given in the annual returns submitted for the year 2020-21 is found correct.	

**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)	23-FEB-22			
MCDR17	Rule 27(2)	23-FEB-22			
MCDR17	Rule 35(2)	23-FEB-22			

Date :

(Kalmata.M.K.)

Indian Bureau of Mines