

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

**MCDR inspection REPORT**

**Bangalore regional office**

**Mine file No :** KNT/BLR/MN/39/BNG

**Mine code :** 40KAR03014

- (i) Name of the Inspecting : **OM5** ) **Dr.OMKESHA MURTHY.M.G**  
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : Shri.Bharath Kumar R.S.Mines Manager,Shri.Jalli Subra  
Official with  
Designation
- (iv) Date of Inspection : 13/09/2022
- (v) Prev.inspection date : 06/09/2021

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SMIORE ML NO. 2679**
- (b) **Registration NO.** : **IBM/35/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **KARNATAKA**
- District : **BELLARY**
- Village : **RAMGAD**
- Taluka : **SANDUR**
- Post office : **SANDUR**
- Pin Code :
- FAX No. : **08395- 271066, 080-2361316**
- E-mail : **eps@sandurgroup.com**
- Phone : **(08395)- 271025/29/40/28, (**
- (f) **Police Station** : **SANDUR**
- (g) **First opening date** : **01/01/1954**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **M/s THE SANDUR MANGANESE & IRON ORES LTD,**  
**NO.9, BELLARY ROAD, SADASHIVANAGAR,**  
**BANGALORE - 560080**
3. (a) **Lease Number** : **KAR0224**
- (b) **Lease area** : **4335.68**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **31/12/1993**
4. **Mineral worked** : **IRON ORE** Associated  
**MANGANESE ORE** Main

## 5. Name and Address of the

Lessee : SANDUR MANGANESE & IRON ORES LTD  
 DEOGIRI (PO)-583 112 SANDUR  
 BELLARY KARNATAKA  
 Phone:08395-271025/28/29/40  
 FAX :08395-271066

Owner : Md.Abdul Saleem (Director Mines),Nominated owner  
 DEOGIRI SANDUR Tq BELLARY  
 BELLARY KARNATAKA  
 Phone: 08395-271025/28  
 FAX : 08395-271066

Agent : SHRIDHAR P HEGDE  
 DEOGIRI SANDUR BELLARY  
 BELLARY KARNATAKA  
 Phone: 08395-271025/28/29/40, 9448497925  
 FAX : 08395-271066

## Mining Engineer

Name : KARTHIK R K,Full Time  
 Qualification : B E MINING  
 Appointment/ : 15/10/2014  
 Termination date

## Geologist

Name : Jalli.Subramanyam,Full Time  
 Qualification : M.Sc. Geology  
 Appointment/ : 01/12/2010  
 Termination date

## Manager

Name : BHARATH KUMAR.R.S  
 Qualification : D.MIN.ENGG WITH F.C.C  
 Appointment/ : 04/09/2019  
 Termination date

|   |   |                                |            |
|---|---|--------------------------------|------------|
| 6. Date of approval of Mining Plan/Scheme of Mining | : | Existing rule 11 MCDR1988      | 28/04/1992 |
|   |   | Mining Scheme rule 12 MCDR1988 | 19/05/1999 |
|   |   | Mining Scheme rule 12 MCDR1988 | 28/09/2006 |
|   |   | Mining Scheme rule 12 MCDR1988 | 15/01/2013 |
|   |   | Renewal under rule 22 MCR1960  | 05/12/2013 |
|   |   | Modif.of approved Mining Plan  | 25/05/2016 |
|   |   | Modif.of approved Mining Plan  | 08/12/2017 |
|   |   | MP review under 17(1) MCR 2016 | 08/12/2017 |
|   |   | MP review under 17(1) MCR 2016 | 05/10/2018 |

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

## Exploration :

| Sl.No. | Item  | Proposals  | Actual work  | Remarks   |
|--------|---|--|--|---|
| 1a     | Backlog of previous year  | No Proposal  | No Backlog   | -   |
| 1b     | Exploration over lease area for geological axis 1 or 2              | -  | -  | Entire Mineralized area has been explored & 57.29 ha has been proved under G1 category                      |
| 1c     | Exploration Agencies and Expenditure in lakh rupees during the year | -  | -  | -   |
| 1d     | Balance area to be explored to bring Geological axis in 1 or 2      | No Proposal  | Not applicable   |   |
| 1e     | Balance reserve as on 01/04/20                                      | Mn. Ore:<br>551780 Tonnes<br>Iron Ore:<br>2165629<br>Tonnes. | Mn. Ore: 551780 Tonnes<br>Iron Ore: 2165629<br>Tonnes. | Reserves are after depletion of production during the FY 2021-22. Average grade of Mn ore is 23% and Fe 50% |
| 1f     | General remarks of inspecting officers on geology, exploration etc  |  |  | Entire Mineralised area explored up to G1 Level.  |

## Development :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
|--------|------|-----------|-------------|---------|

|    |  |  |  |   |
|----|--|--|--|---|
| 2a | Location of development w.r.t.lease area                       | <p>Proposed Location of Development for Manganese Ore:</p> <p>Neerlabbi (NRLB)-<br/>N 1667417 to 1667656<br/>E 659833 to 660172,<br/>Dabaxikolla (DBX)-<br/>N 1672976 to 1673135<br/>E 656210 to 656361,<br/>Governor Point (GP)-<br/>N 1673322 to 1673732<br/>E 655768 to 656030,</p> <p>Myadar Banda-<br/>N 1658317 to 1658540<br/>E 669120 to 669696.</p> | <p>Actual Location of Development for Manganese Ore:</p> <p>Neerlabbi (NRLB)-<br/>N 1667417 to 1667656<br/>E 659833 to 660172,<br/>Dabaxikolla (DBX)-<br/>N 1672976 to 1673135<br/>E 656210 to 656361,<br/>Governor Point (GP)-<br/>N 1673322 to 1673732<br/>E 655768 to 656030,</p> | <p>Myadara banda as no Production and Development has taken place in that pit.<br/>Violation U/R 11(1) issued for the deviation</p> |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15) | Separate benches proposed in topsoil, overburden and mineral is proposed   | Separate benches maintained in topsoil, overburden and mineral is maintained   | Top soil: 1 Bench, Over burden: 3 benches, Mineral: 6 benches   |
| 2c | Stripping ratio or ore to OB ratio                             | 1: 8.46  | 1: 11.29   | Higher stripping ratio is due to irregular nature of Manganese ore body   |
| 2d | Quantity of topsoil generation in m3                           | 560 m3   | 350 m3   | Generated top soil is used for afforestation during the year  |
| 2e | Quantity of overburden generation in m3                        | 296017 m3  | 166116.4 m3  |   |

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|----|---|---|
| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc | Development carried out satisfactorily except the exploratory development, for that violation has been issued |
|----|---|---|

## Exploitation:

| Sl.No. | Item  | Propasals  | Actual work  | Remarks   |
|--------|---|--|--|---|
| 3a     | Number of pit proposed for production                             | 04 pits and 02 exploratory Mining pits   | Worked in 03 pits and one exploratory mining pit                                   | Violation U/R 11(1) issued for the deviation                  |
| 3b     | Quantity of ROM mineral production proposed                       | ROM- 76800 T   | Mn Ore-31500T<br>Mn Rejects-35476 T<br>Total-66976                                 |   |
| 3c     | Recovery of sailable/usable mineral from ROM production           | 100%   | 98%  | Manual sorting of salable Mn ore from ROM after dry screening |
| 3d     | Quantity of mineral reject generation                             | Mn Ore: 44800 T<br>Iron Ore: 83968 T   | Mn Ore: 35476 T<br>Iron Ore: 4813 T  |   |
| 3e     | Grade of mineral rejects generation and threshold value declared. | 10% Mn to 25% Mn<br>35% Fe and Above to below 55% Fe                               | 10% Mn and Above up to 23% Mn<br>Fe ore above threshold value separately stacked   |   |
| 3f     | Quantity of sub grade mineral generation.                         | No proposal  | Nil  |   |
| 3g     | Grade of sub grade mineral generation                             | No proposal  | Not applicable   |   |
| 3h     | Manual / Mechanised method adopted for segregating from ROM       | Mechanized Mining proposed by Manual method for segregating/Sorting of Mn from ROM | Mechanized Mining adopted and Manual method for segregating/Sorting of Mn from ROM |   |

|    |  |  |  |  |
|----|--|--|--|--|
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.      | No proposal  | --   | Dry crushing, screening and sorting for Mn ore is carried out. |
| 3j | Provision of drilling and blasting in mineral benches  | Provision of drilling & blasting made 110 mm dia, Spacing :4 Mtrs & Burden:3 Mtrs and height:8.25 Mtr                          | As per proposal  |  |
| 3k | Provision of mining machineries in mineral benches   | Proposed mining machineries Excavator-2 No's, Wheel loaders 2 No's, Trucks-12 No's, Deep hole Drill-1 No's, Jack hammer-4 No's | Mining machineries used Excavator-3 No's, Wheel loaders 2 No's, Trucks-16 No's, Deep hole Drill-1 No's, Jack hammer-3 No's |  |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | Proposed Bench height & Bench width - 7.5 m  | Maintained the bench parameters as per the approved MP   |  |
| 3m | Total area covered under excavation/pits   | 46.96 ha   | 46.69 ha   |  |
| 3n | Ore to OB ratio for the pit/mine during the year.  | 8.46   | 11.29  |  |

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|----|--|--|---|--|
| 3o | Total area put in use under different heads at the end of year           | Area put to use in plan period - Area under mining: 46.96 ha, Waste dump site-38.43 ha, Mineral storage-0.640 ha, Infrastructure -0.845 ha. Roads-4.68 ha. Green belt 12.10 ha Biodiversity 0.50 ha R&R 5.08 ha Others 29.965 ha | Area put to use in plan period - Area under mining: 46.69 ha, Waste dump site-37.88 ha, Mineral storage-0.640 ha, Infrastructure-0.845 ha. Roads-4.68 ha. Green belt 12.10 ha Biodiversity 0.50 ha R&R 5.08 ha Others 30.785 ha |  |
| 3p | Production of ROM mineral during the last five year period as applicable | Mn Ore- (in tonnes)<br>2016-17 7400<br>2017-18 7400<br>2018-19 32000<br>2019-20 32000<br>2021-22 32000   | Mn Ore- (in tonnes)<br>2016-17 7017<br>2017-18 7224<br>2018-19 31761<br>2019-20 31638<br>2021-22 31500  | Actual production of Manganese ore is within the proposed limits.                      |
| 3q | General remarks of inspecting officers on method of mining etc.          |  |   | Mechanized Mining adopted and Manual method for segregating/sorting of Mn Ore from ROM |

## Solid Waste Management - Dumping:

| Sl.No. | Item   | Propasals   | Actual work   | Remarks |
|--------|--|---|---|---------|
| 4a     | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | Separate dumps are proposed for top soil, OB and mineral reject | Separate dumps are maintained for top soil, OB and mineral reject |         |

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|----|---|--|---|
| 4b | Location of topsoil, OB and mineral reject dumps            | Proposed OB<br>Neerlabbi (NRLB)-<br>N 1666957 to 1667417<br>E 659875 to 660335<br>Dabaxikolla (DBX)<br>N 1672760 to 1673062<br>E 656324 to 656600<br>Governor Point (GP)-<br>N 1673600 to 1673823<br>E 655838 to 656054<br>Myadar Banda-<br>N1658318 to 1658540<br>E 669710 to 669811<br><br>Proposed Mineral reject stacking Locations:<br><br>Neerlabbi (NRLB)-<br>N 1667093 to 1667296<br>E 660267 to 660385<br>N 1667434 to 1667680<br>E 659654 to 659828<br>N 1667756 to 1668000<br>E 669903 to 660089,<br>Dabaxikolla (DBX)<br>N 1672949 to 1673110<br>E 656289 to 656416,<br>Governor Point (GP)-<br>N 1673528 to 1673625<br>E 656000 | Actual OB Locations:<br>Neerlabbi (NRLB)-<br>N 1666957 to 1667417<br>E 659875 to 660335<br>Dabaxikolla (DBX)<br>N 1672760 to 1673062<br>E 656324 to 656600<br>Governor Point (GP)-<br>N 1673600 to 1673823<br>E 655838 to 656054<br><br>Proposed Mineral reject stacking Locations:<br>Neerlabbi (NRLB)-<br>N 1667093 to 1667296<br>E 660267 to 660385<br>N 1667434 to 1667680<br>E 659654 to 659828<br>N 1667756 to 1668000<br>E 669903 to 660089,<br>Dabaxikolla (DBX)<br>N 1672949 to 1673110<br>E 656289 to 656416,<br>Governor Point (GP)-<br>N 1673528 to 1673625<br>E 656000 |
| 4c | Number of dumps within lease area and outside of lease area | Within lease area- 28 OB dumps<br>Outside mining lease area- Nil   | Within lease area- 28 OB dumps<br>Outside mining lease area- Nil  |

|    |  |   |   |   |
|----|--|---|---|---|
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16)              | No Proposal   | Nil   |   |
| 4e | Number of active and alive dumps.                                  | 4 dumps   | 3 dumps   | Violation U/R 11(1) issued for the deviation              |
| 4f | Number of dead dumps.  | 25 No's   | 25 No's   |   |
| 4g | Number of dumps established.                                       | 19 No's of dumps are stabilized and 6 No's of dumps are partially stabilized. | 19 No's of dumps are stabilized and 6 No's of dumps are partially stabilized. | Stabilized by coir mat and plantation.                    |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | Retaining wall and garland Drain have been made as per R&R Plan               | Retaining wall and garland Drain have been made as per R&R Plan               |   |
| 4i | Length of Retaining wall or garland drain all along dumps          | Retaining Wall -<br>40 X 1 X 1 Mtrs<br>Garland Drain -<br>90 X 1 X 1 Mtrs     | Retaining Wall -<br>40 X 1 X 1 Mtrs<br>Garland Drain -<br>nil                 |   |
| 4j | Number of settling ponds   | No Proposal   | NIL   | Desilting of existing ponds carried out during the year.  |
| 4k | Specific comments of inspecting officer on waste dump management   |   |   | Stabilized of in active dumps by coir mat and plantation. |

#### 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. | Back filling is prosed during the year where the mineral has been exhausted completely and same has been approved in Mining Plan. | Back Filling is carried out only in such area which has been approved in Mining Plan where the mineral has already been exhausted. |         |

|    |   |             |            |  |
|----|---|-------------|------------|--|
| 5b | Area under backfilling of mined out area  | 5.04 ha     | 2.93 ha    | 13.36 ha covered under backfilling.  |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32) | 670 Tonnes  | 426 Tonnes | Top soil will be utilized for plantation in the plan period  |
| 5d | Total area fully reclaimed and rehabilitated  | No proposal | Nil        | --   |
| 5e | General remarks of inspecting officers on backfilling and reclamation etc.                |             |            | Back Filling is carried out as per the approved in Mining Plan where the mineral has already been exhausted. |

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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). | To be submitted by 1st July of every year  | Annual report on PMCP submitted on 29.06.2022   |         |
| 6b     | Area available for rehabilitation (ha) .                                     | No proposal  | NIL   |         |
| 6c     | afforestation done (ha).   | Backfilling proposed in DBX, NRLB & GP pits after complete excavation of ore<br>i) Voids available for backfilling 5.04 ha<br>ii) Void filled by waste/tailings 5.04 ha<br>iii) Afforestation on the backfilled area in ha 1.00 ha | Backfilling carried out in DBX, NRLB & GP pits as per plan<br>i) Voids available for backfilling 2.93 ha<br>ii) Void filled by waste/tailings 2.93 ha<br>iii) Afforestation on the backfilled area in ha 1.484 ha |         |

|    |  |   |  |   |
|----|--|---|--|---|
| 6d | No. of saplings planted during the year  | i) Afforestation Gap Plantation<br>ii) Area rehabilitated 5.04 ha<br>iii) Method of rehabilitation Plantation | i) Afforestation Gap plantation with 4000 saplings carried out during the year<br>ii) Area rehabilitated 2.93 ha of back filling 1.484 ha of previously worked out area rehabilitated<br>iii) Method of rehabilitation Plantation  | Sofar 30.68 ha of waste dumps also has been afforested.                           |
| 6e | Cumulative no .of plants   | Environmental monitoring proposed in Core and Buffer Zone   | Environmental monitoring has been carried out for all the 4 seasons for Ambient air quality (core zone- 4 locations & buffer zone- 6 locations), water quality (surface water - 5 locations & Ground water- 5 locations), Noise quality (core zone - 6 location & buffer zone - 6 locations) | All the environmental parameters were observed to be within the permissible limit |
| 6f | Any other method of rehabilitation   |   |  | PMCP proposals have been implemented satisfactorily                               |
| 6g | Cost incurred on watch and care during the year  |   |  |   |
| 6h | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D |   |  |   |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings          |   |  |   |
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area       |   |  |   |

- 6k Compliance on reclamation and rehabilitation by backfilling (iv)  
Rehabilitation by making water reservoir
- 6l Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.
- 6m Compliance of rehabilitation of waste land within lease (i)afforestation
- 6n Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)
- 6o Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation
- 6p Compliance of environmental monitoring (core zone and buffer zone)
- 6q General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.

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Mineral Conservation:

| Sl.No. | Item   | Propasals     | Actual work     | Remarks |
|--------|--|---------------|-----------------|---------|
| 7a     | ROM Mineral dispatch or grade-wise sorting within lease area | Mn Ore: 44800 | Mn Ore: 35476 T |         |

|    |  |                                    |  |   |
|----|--|------------------------------------|--|---|
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical.                        | Manual sorting for Mn Ore proposed | Dry screening and manual separation of Mn ore from ROM |   |
| 7c | Different grade of mineral sorted out at mines.  | Below 25% Mn, 25% -35%, 35% - 46%  | Below 25% Mn, 25% -35%, 35% - 46%                      | As per dispatch reported in AR  |
| 7d | Any beneficiation process at mines   | No proposal                        | No such beneficiation process carried out in the mines | Dry screening and manual separation of Mn ore from ROM  |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues |                                    |  | Manual method adopted for mineral sorting of ROM. Different grade of mineral sorted (Mn) at the mine and 25% to 46% grade material has been dispatched. |

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Environment:

| Sl.No. | Item  | Propasals  | Actual work                       | Remarks  |
|--------|---|--|-----------------------------------|--|
| 8a     | Separate removal and utilization of topsoil (Rule 32)   | Yes  | Yes                               | Topsoil generated during the year has been used for Afforestation. |
| 8b     | Concurrent use or storage of topsoil  | 670 tonnes   | 426 tonnes used for Afforestation |  |
| 8c     | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                            | Separate dumps for overburden and Mineral rejects proposed | As proposed                       | Waste and Mineral rejects are stacked separately                   |
| 8d     | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | OB and waste (IB) proposed for backfilling                 | As proposed                       |  |

|    |   |  |  |   |
|----|---|--|--|---|
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | Backfilling proposed   | As per proposal  |   |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41)                    | --   | During the year 7359 saplings planted within mine lease area | 264446 saplings has been planted within and outside the lease area with 80% Survival rate |
| 8g | Survival rate   | 80%  | 80%  |   |
| 8h | Water sprinkling on roads to control airborne dust  | Water sprinkling proposed on haul roads to control airborne dust | As per proposal  | 2 No's of water tankers each of 7000 Ltrs and 1 No of 12000 Ltrs capacity is deployed     |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area                          |  |  | Aesthetic beauty of the mining area and surrounding area has been well maintained         |

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Compliance of Rule 45:

| Sl.No. | Item  | Propasals  | Actual work   | Remarks                               |
|--------|---|--|---|---------------------------------------|
| 9a     | Status of submission of Monthly and Annual returns                                  | M.R. Submitted upto August-2022<br>A.R. submitted upto FY 2021-22  | M.R. Submitted upto August-2022<br>A.R. submitted upto FY 2021-22 | Annual return submitted on 27.06.2022 |
| 9b     | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Manager Mining- Shri. Bharath Kumar R.S.,<br>Mining Engineer- Shri. Karthik A. K.,<br>Geologist- Shri. Jalli Subramanyam | Verified and found correct  |                                       |

|    |   |   |   |   |
|----|---|---|---|---|
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Area under mining: 46.69 ha,<br>Reclaimed/Rehabilitated-5.08 ha<br>Mineral storage-0.640 ha<br>Waste disposal-37.88 ha<br>Occupied by plant, buildings, residential, welfare buildings and roads- 5.525 ha. | Area under mining: 46.69 ha,<br>Reclaimed/Rehabilitated-5.08 ha<br>Waste disposal-37.88 ha<br>Occupied by plant, buildings, residential, welfare buildings and roads- 5.525 ha. | Annual return submitted online & for the year 2021-22 |
| 9d | Scrutiny of Annual return on afforestation  | Within mining lease area- 7359 @ 80% survival   | Verified and found correct  | Annual return submitted online & for the year 2021-22 |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity)                   | Mn-35476 Tonnes (10-20% Mn),<br>Fe- 4813 Tonnes (35-55% Fe)   | Below 25% Mn, 25% -35%, 35% - 46%<br>Dispatched as per AR   |   |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore                                      | ROM; Opening stock- 6286.850 Tonnes,<br>Production- 31500 Tonnes,<br>Closing stock- 6286.450 Tonnes   | ROM; Opening stock- 6286.850 Tonnes,<br>Production- 31500 Tonnes, Closing stock- 6286.450 Tonnes  |   |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost                   | Cost of Production Rs 5916 per Ton, sale value- 9363.33 and Ex. Mine price- Avg. 9363.33 Rs/T   | Verified and seems to be correct  |   |
| 9h | Scrutiny of Annual return on fixed assets   | Rs 20,78,248 /-   | Rs 20,78,248/-  |   |

|    |  |  |   |
|----|--|--|---|
| 9k | Scrutiny of<br>Annual return on<br>mining<br>machineries | Mining<br>machineries<br>used<br>Excavator-3<br>No's,<br>Wheel loaders<br>2 No's,<br>Trucks-16<br>No's,<br>Deep hole<br>Drill-1 No's,<br>Jack hammer-3<br>No's | Mining machineries used<br>Excavator-3 No's,<br>Wheel loaders 2 No's,<br>Trucks-16 No's,<br>Deep hole Drill-1 No's,<br>Jack hammer-3 No's |
|----|--|--|---|

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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) | 30/09/2022    |                     |           |               |

**Date :**

**(Dr.OMKESHA MURTHY.M.G)**

Indian Bureau of Mines