

**MCDR INSPECTION REPORT- 2023-24****File no: MCDR-MiFLOFE/13/2022-BNG-IBM\_RO\_BNG**

<b>S. N.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine	<b>Iyli Gurunathappa Iron Ore Mine (ML No 2593) M/s Ramgad Minerals &amp; Mining Ltd.</b>
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	20.23Ha, Forest-20.23 ha, Non-Forest-Nil.
3	Mine code	30KAR03139
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/463/2011
5	Name of the lessee, Address, phone, email and fax number	Ramgad Minerals & Mining Ltd., Baldota Enclave, AHB Road, Hospet Ph: 08394-232002 <a href="mailto:iylimine@rmml.in">iylimine@rmml.in</a>

6	Village	Ramgad
7	Taluk/Mandal	Sandur (Tq)
8	District	Bellary
9	Pin code	583119
10	State	Karnataka
11	Post office	Susheelanagar
12	Nearest police station	Sandur
13	Nearest Railway station	Gunda Railway Station

14	Date of Grant of Mining Lease	24/02/1966
15	Date of Execution	24/02/1966
16	Date of opening of Mine	24/02/1966
17	Date of expiry	23/02/2026
18	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Dr. Meda Venkataiah, Director Ramgad Minerals & Mining Ltd., Baldota Enclave, AHB Road, Hospet Ph: 08394-232002 DOA: 20-07-2023 <a href="mailto:meda.venkataiah@mspllimited.com">meda.venkataiah@mspllimited.com</a>
19	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri. K. Madhusudhana, (CEO) Baldota Enclave, AHB Road, Hospet Ph: 08392-232002 DOA: 20-07-2023 Email: <a href="mailto:madhusudhana.k@mspllimited.com">madhusudhana.k@mspllimited.com</a>
20	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri. Debesh Gobinda Das (Mines Manager), Iyli Gurunathappa Iron Ore Mine M/s Ramgad Minerals & Mining Ltd.,

		<p>Ramgad (Village), Sandur (Tq), Bellary (Dist).  Ph: 9972071368  Email: <a href="mailto:debesh.das@mspllimited.com">debesh.das@mspllimited.com</a>  DOA: 22.07.2021</p>
21	<p>Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine</p>	<p>Shri. Debesh Gobinda Das AMIE. Mining, First Class Mine Manger Certificate  Iyli Gurunathappa Iron Ore Mine  M/s Ramgad Minerals &amp; Mining Ltd.,  Ramgad (Village), Susheelanagar (Post), Sandur (Tq), Bellary (Dist).  Ph: 9972071368  Email: <a href="mailto:debesh.das@mspllimited.com">debesh.das@mspllimited.com</a>  DOA: 22.07.2021 Total Experience: 24 years</p>
22	<p>Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 &amp; carrying out their duties as per rule 43 &amp; 44.</p>	<p>Appointed  <b>Mining Engineer:</b> Debesh Gobinda Das  Date of appointment: 22-07-2021  <b>Geologist:</b> Lohith Kumar D R.  Post Graduate in Geology  Date of appointment: 01-08-2023  Total Experience: 14 Years</p>
23	<p>Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.</p>	<p>The Modifications to the Approved Mining was approved by IBM vide letter no. 279/624/99/BNG dated 31/07/2023 for the period 2023-24 and MCDR-MPC0FE/3/2022-BNG-IBM_RO_BNG dated 05/01/2024 for the period 2024-25 to 2025-26(till 23/02/2026)</p>

24	Mineral(s) granted in lease and proved for mining	Iron Ore
25	Method of Mining (Opencast, Underground)	Opencast Mining
26	Category (Fully Mechanized, Others or Manual)	Fully Mechanized, A-Category mine.
27	Captive/ Non captive	Non-Captive
28	Date of previous inspection	19.10.2023
29	Date of inspection	27.11.2024
30	Name of accompanying mine officials with designation	Shri Debesh Gobinda Das, Mines Manager & Mining Engineer, Shri Lohith Kumar D R, Geologist and other mine officials

## Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	Nil
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-1-7.05 Ha, G-2-0.9 Ha Non mineralized area-12.28 ha (As per the last approved mine plan document dtd 05/01/2024	G1-7.05 Ha G2- 0.9 Ha Non mineralized are-12.28 ha	6 nos. of exploratory boreholes proposed in the RMP document during year 2024-25 with total meterage 455 metres for the Geological sections where lateral/ vertical continuity of the ore band is yet to be established.

1e	Balance reserves as on 01.04.2024	16,795,600 tons of iron ore as on 01/09/2023(HI O Fe: 58.62% and HSIO Fe: 39.85%)	16,423,052 tons of iron ore as on 1.04.2024 after depleting production	As reported in AR 2023-24.
1f	General remarks of inspecting officer on geology, exploration etc.	<p>i)The Reserve/Resource reported correctly as on 01.04.2024 after depleting production quantity.</p> <p>ii) 6 nos. of exploratory boreholes proposed in the RMP document during year 2024-25 with total meterage 455 metres for the Geological sections where lateral/ vertical continuity of the ore band is yet to be established. The Lessee has submitted Form-I notice dated 08/10/2024 regarding sinking of exploratory boreholes.</p>		

### Development

S.N	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	A& B block (C-C' to G-G' section proposed).	Development carried within the proposed sections. However, it is observed from drone data and during inspection that the vertical extent (mRL) at South eastern portion of pit, at Section E-E' (N-1676175, E-655261) have been developed till 875 mRL for the year 2023-24 which is beyond the proposed maximum vertical limit of 883 mRL.	Violation issued under Rule 11(1) of MCDR 2017.
2b	Separate benches in topsoil, overburden and	No topsoil generation. Separate benches	It is observed from drone data and during inspection that benches at section D-D' from 901 to 892 mRL with 9m maximum height and 10 m minimum width is not	Violation issued under Rule 11(1) of MCDR 2017.

	mineral (Rule 15)	proposed in OB & mineral. (9m Proposed for both OB & mineral)	maintained as per the proposal and actual bench height (899 to 884 mRL, N-1676224, E-655123) is more	
2c	Stripping ratio or ore to Waste ratio	1:0.31 proposed (in tons)	1: 0.40 (in tons Achieved)	Ore: 674,500 Tons Waste: 275,868 Tons
2d	Quantity of topsoil generation in m3	No proposal	Nil	Nil
2e	Quantity of overburden generation in m3	1,39,028 Cum of OB proposed	1,37,934 Cum of OB handled.	Less production & proportionate OB handling due to MPAP limit.



2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	<p>i) It is observed from drone data and during inspection that the vertical extent (mRL) at South eastern portion of pit, at Section E-E' (N-1676175, E-655261) have been developed till 875 mRL for the year 2023-24 which is beyond the proposed maximum vertical limit of 883 mRL. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) It is observed from drone data and during inspection that benches at section D-D' from 901 to 892 mRL with 9m maximum height and 10 m minimum width is not maintained as per the proposal and actual bench height (899 to 884 mRL, N-1676224, E-655123) is more. Violation issued under Rule 11(1) of MCDR 2017.</p>
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### Exploitation

S. N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1 pit proposed for production. A & B Blocks proposed	Actual working carried out in 1 pit. (A&B block)	Nil
3b	Quantity of ROM mineral production proposed	906,000 tons of ROM production proposed	674,500 tons of ROM production achieved	The CEC approved the revised permissible annual production from 6,30,000 tons to 8,97,000 tons on 25 <sup>th</sup> September 2023. Based on the pro rata basis Monitoring Committee allocated 44,500 tons addition to 6,30,000 tons. Accordingly, 674,500 tons of production achieved for the year 2023-24,

				as reported by the Lessee during inspection.
3c	Recovery of salable/usable mineral from ROM production	100% proposed	100% achieved	Nil
3d	Quantity of mineral reject generation	No proposal	Nil	Nil
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil	Nil
3f	Quantity of sub-grade mineral generation	No proposal	Nil	Nil
3g	Grade of sub-grade mineral generation	No proposal	Nil	Nil
3h	Manual / Mechanized method adopted for segregating from ROM	Only Crushing & Screening proposed	Crushing & Screening carried out within the Lease area	Crusher-100 TPH capacity-1 no. O/p Size 0 - 10 mm (Fines) 10-40 mm (Lumps)
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	Nil
3j	Provision of drilling & blasting in mineral benches	Deep hole Drilling and Blasting is proposed.	Deep hole Drilling and Blasting is being carried out Drilling is done with drill of 114 mm dia. and slurry explosive used in conjunction with delay detonators.	Drill-114 mm dia. Explosive-Slurry Explosive. (As reported by Lessee in AR 2023-24)
3k	Provision of mining machineries in mineral benches	Mining Machineries proposed.	Excavators-1.6 Cum-2 nos. 2.1 Cum-2 nos. 1.16 Cum- 1 no. Front End Loader- 1.6	As reported by Lessee in AR 2023-24.

			Cum-4 nos. Dumpers-25 tons-14 nos. Drill-114 mm-1 no. Water tanker-8 KL-4 nos.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed Bench Height- 9 m for both OB & Mineral.	It is observed from drone data and during inspection that benches at section D-D' from 901 to 892 mRL with 9m maximum height and 10 m minimum width is not maintained as per the proposal and actual bench height (899 to 884 mRL, N-1676224, E-655123) is more.	Violation issued under Rule 11(1) of MCDR 2017.
3m	Total area covered under excavation/pits	15.24 Ha as on 01/04/2024 as per the approved document.	10.85 Ha reported by the Lessee in AR 2023-24. The land use (area in ha) as reported in Part-I (12) under 12(i) i.e. Already exploited and abandoned by opencast mining, 12(ii) i.e., Covered under current(O/C) workings & 12(iv) i.e. used for waste disposal have not been reported correctly in accordance with approved land use pattern of the mine plan document	Violation issued under Rule 45(7) of MCDR 2017.
3n	Ore to OB ratio for the pit/mine during the year	1:0.31 proposed (in tons)	1: 0.40 (in tons Achieved)	Ore: 674,500 Tons Waste: 275,868 Tons

3o	Total area put in use under different heads at the end of year	Mining- 15.24 Ha O/B Dumps- 1.65 Ha  Infra & roads-1.12 ha (as per the approved document)	Mining- 10.85 Ha O/B Dumps- 2.44 Ha Infra & roads-0.73 ha (As reported by Lessee in AR 2023-24). The land use (area in ha) as reported in Part-I (12) under 12(i) i.e. Already exploited and abandoned by opencast mining, 12(ii) i.e., Covered under current(O/C) workings & 12(iv) i.e. used for waste disposal have not been reported correctly in accordance with approved land use pattern of the mine plan document.	Violation issued under Rule 45(7) of MCDR 2017.
3p	Production of ROM mineral during last five-year period, as applicable	<b>2019-20: 500000</b> <b>2020-21: 500000</b> <b>2021-22: 499000</b> <b>2022-23: 630000</b> <b>2023-24: 906000</b> (in tons)	<b>2019-20: 500000</b> <b>2020-21: 500000</b> <b>2021-22: 489270</b> <b>2022-23: 510830</b> <b>2023-24: 674500</b> (in tons)	The CEC approved the revised permissible annual production from 6,30,000 tons to 8,97,000 tons on 25th September 2023. Based on the pro rata basis Monitoring Committee allocated 44,500 tons addition to 6,30,000 tons. Accordingly, 674,500 tons of production achieved for the year 2023-24, as reported by the Lessee during inspection.
3q	General remarks	i) It is observed from drone data and during inspection that		

	of inspecting officer on method of mining etc.	<p>benches at section D-D' from 901 to 892 mRL with 9m maximum height and 10 m minimum width is not maintained as per the proposal and actual bench height (899 to 884 mRL, N-1676224, E-655123) is more. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) The land use (area in ha) as reported in Part-I (12) under 12(i) i.e. Already exploited and abandoned by opencast mining, 12(ii) i.e., Covered under current(O/C) workings &amp; 12(iv) i.e. used for waste disposal have not been reported correctly in accordance with approved land use pattern of the mine plan document. Violation issued under Rule 45(7) of MCDR 2017.</p>
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### Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Generated waste dump proposed to be backfilled at Backfill dump (BF-1)	Generated waste dump backfilled at Backfill dump (BF-1)	No top soil or mineral reject generation proposal
4b	Location of topsoil, OB & mineral reject dumps	Inactive dump (Sec A-A' to G-G') & Backfill dump (BF-1)	Inactive dump (Sec A-A' to G-G') & Backfill dump (BF-1)	Nil
4c	Number of dumps within lease area and outside lease area	One Inactive dump & one Backfill dump (BF-1)	One Inactive dump & one Backfill dump (BF-1)	Nil

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Inactive dump within UPL as per the current exploration data.	Inactive dump within UPL as per the current exploration data.	Nil
4e	Number of active & alive dumps	1 Backfill dump (BF-1) active. (10 m stages proposed).	1 Backfill dump (BF-1) active. It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
4f	Number of dead dumps	1 inactive dump	1 inactive dump	Nil
4g	Number of dumps stabilized	1 inactive dump stabilized as per the approved document for the period.	1 inactive dump stabilized	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	60 metres Retaining Wall &	60 metres Retaining wall & 60 metres	Nil

		60 metres garland proposed at BF-1 dump.	garland drain constructed as per the proposal at BF-1 dump	
4i	Length of Retaining wall or garland drain all along dump	60 metres Retaining Wall & 60 metres garland proposed at BF-1 dump.	60 metres Retaining wall & 60 metres garland drain constructed as per the proposal at BF-1 dump. It is observed during inspection that the details of Retaining wall constructed for the year 2023-24 is not reported correctly in attached Annual PMCP table as attached in Part-I of AR 2023-24.	Violation issued under Rule 45(7) of MCDR 2017.
4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management.	<p>i) It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii)It is observed during inspection that the details of Retaining wall constructed for the year 2023-24 is not reported correctly in attached Annual PMCP table as attached in Part-I of AR 2023-24. Violation issued under Rule 45(7) of MCDR 2017.</p>		

### Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Sec A-A' to B-B' proposed for backfilling from 954 to 870 mRL (BF-1).	It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal	Violation issued under Rule 11(1) of MCDR 2017.
5b	Area under backfilling of mined out area	3.80 Ha proposed	2.61 Ha as reported in Annual PMCP report 2023-24. It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal	Violation issued under Rule 11(1) of MCDR 2017.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	Nil
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	Nil



5e	General remarks of inspecting officer on backfilling, reclamation etc	It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal. Violation issued under Rule 11(1) of MCDR 2017. Violation issued under Rule 11(1) of MCDR 2017.
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### Progressive Mine Closure Plan

S.N	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	To be submitted before 1 <sup>st</sup> of July Every year.	Annual PMCP report submitted along with AR 2023-24 on 28/06/2024. It is observed during inspection that the details of Retaining wall constructed for the year 2023-24 is not reported correctly in attached Annual PMCP table I Part-I of AR 2023-24	Violation issued under Rule 45(7) of MCDR 2017.
6b	Area available for rehabilitation (ha)	4.56 ha proposed (Gap filling plantation in inactive dump & Safety zone, approach road)	3.88 ha gap filling plantation carried out in Inactive dump, safety zone etc.	As reported by Lessee in annual PMCP report 2023-24.
6c	Afforestation done (ha)	4.56 ha proposed (Gap filling plantation in inactive dump & Safety zone, approach road)	3.88 ha gap filling plantation carried out in Inactive dump, safety zone etc.	As reported by Lessee in annual PMCP report 2023-24.
6d	No. of saplings planted during the year	2280 nos. of saplings	2125 nos. of saplings plantation carried out	As reported by Lessee

		plantation proposed	within the lease area & 175 nos. of saplings plantation carried out outside the lease area.	in AR 2023-24.
6e	Cumulative no. of plants	20,325 nos. of saplings as on 1.04.2023 within the lease area.	22,450 nos. of saplings as on 1.04.2024 within the lease area.	As reported by the Lessee in AR 2023-24.
6f	Any other specific method of rehabilitation	No proposal	Nil	Nil
6g	Cost incurred on watch & care during the year	Rs 3,86,140 proposed for plantation.	As per the proposal.	As reported by the Lessee during inspection.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	3.80 Ha proposed	2.61 Ha as reported in Annual PMCP report 2023-24. It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal	Violation issued under Rule 11(1) of MCDR 2017.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings	3.80 Ha proposed	2.61 Ha as reported in Annual PMCP report 2023-24. It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal	Violation issued under Rule 11(1) of MCDR 2017.

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	No proposal	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No proposal	Nil	Nil
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No proposal	Nil	Nil
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha)	No proposal	Nil	Nil
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	Nil	Nil
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Regular Environmental Monitoring of Core and Buffer zone is proposed.	Environmental Monitoring of Core and Buffer zone is being carried out. Environmental monitoring report of March-24 verified during inspection. All parameters within limit.	Parameters which are being Monitored: (Air, Noise, Water etc.)
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	<p>i) It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) It is observed during inspection that the details of Retaining wall constructed for the year 2023-24 is not reported correctly in attached Annual PMCP table I Part-I of AR 2023-24. Violation issued under</p>		

Rule 45(7) of MCDR 2017.

**Mineral Conservation**

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Only Crushing & Screening proposed	Crushing & screening carried out. ROM production- 674,500 tons. Graded ore production- 674,500 tons Graded ore Despatch- 860,861 tons.	Crusher- 100 TPH capacity. O/p Size 0 - 10 mm (Fines) 10-40 mm (Lumps)
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Only Dry crushing and screening proposed. Insitu ROM grade range 38-62 % Fe proposed.	<b>Fines</b> Fe 55-58% Fe 58-60% <b>Lumps</b> Fe-55-58% Fe 58-60% Fe 60-62% (Production grade range for the year 2023-24).	As reported by Lessee in AR 2023-24.
7c	Different grade of mineral sorted out at mines	Insitu ROM grade range 38-62 % Fe proposed.	<b>Fines</b> Fe 55-58% Fe 58-60% <b>Lumps</b> Fe-55-58% Fe 58-60% Fe 60-62% (Production grade range for the year 2023-24).	As reported by Lessee in AR 2023-24.
7d	Any beneficiation process at mines	No proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mineral conservation activities carried out inside the mine as per the proposal.		

**Environment**

<b>S. N.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual work</b>	<b>Remarks</b>
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	Nil
8b	Concurrent use or storage of topsoil	No Proposal	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Generated waste dump proposed to be backfilled at Backfill dump (BF-1)	Generated waste dump backfilled at Backfill dump (BF-1)	No mineral reject generation proposal
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	3.80 Ha proposed	2.61 Ha as reported in Annual PMCP report 2023-24. It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal	Violation issued under Rule 11(1) of MCDR 2017.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	3.80 Ha proposed	2.61 Ha as reported in Annual PMCP report 2023-24. It is observed from drone data and during inspection that the 10 m	Violation issued under Rule 11(1) of MCDR 2017.

			lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	20,325 nos. of saplings as on 1.04.2023 within the lease area.	22,450 nos. of saplings as on 1.04.2024 within the lease area.	As reported by the Lessee in AR 2023-24.
8g	Survival rate	80 % proposed	75 % achieved within lease area	As reported by the Lessee in AR 2023-24.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on road is proposed to control airborne dust.	Water tankers have been deployed for sprinkling on roads to control airborne dust.	No. of Water Tankers:4 nos. Capacity: 8 KL.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	It is observed from drone data and during inspection that the 10 m lifts/stages is not maintained systematically at Sec HB-HB' (N-1676431, E-654979) of Backfill dump (BF-1) from 914 to 894 mRL as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.		
<b>Compliance of Rule 45</b>				
<b>S. N.</b>	<b>Item</b>	<b>COMMENTS</b>	<b>Remarks</b>	

9a	Status of submission of Monthly and Annual returns	Monthly Returns submitted up to Oct-24 on 08.11.2024. Annual Return submitted up to 2023-24 on 28.06.2024	Submitted.	
<b>S. N.</b>	<b>Item</b>	<b>Details GIVEN in A.R. (22-23)</b>	<b>Observation of I/Officer</b>	<b>Remarks</b>
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer & Manager: - Sri Debesh Gobinda Das Geologist: - Sri Lohith Kumar D R.	Appears to be correct.	Mine Manager & Mining Engineer and Geologist present on date of inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining- 10.85 Ha O/B Dumps- 2.440 Ha  Infra & roads- 0.73 ha	The land use (area in ha) as reported in Part-I (12) under 12(i) i.e. Already exploited and abandoned by opencast mining, 12(ii) i.e., Covered under current(O/C) workings & 12(iv) i.e. used	Violation issued under Rule 45(7) of MCDR 2017.

			for waste disposal have not been reported correctly in accordance with approved land use pattern of the mine plan document	
9d	Scrutiny of Annual return on afforestation	Plantation Within Lease - 2125 nos. Survival Rate: 75 %, Outside lease area-175 nos. with 60 % survival rate. Cumulative plantation within lease-22450 Nos.	Appears to be correct.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Appears to be correct	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	<b>ROM:</b> O/s -1040.10 tons, Production - 674,500 tons, C/s - 1040.01 tons <b>Graded Ore</b> O/s- 228190.09 tons Production- 674,500 tons	Appears to be correct	Nil



		Despatch- 860,861 tons C/s- 41,828 tons.		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	<p><b>Ex. Mine price:</b> <b>Rs/Ton,</b> <b>Lumps</b> 55-58 % Fe- 5019.14 Rs/ton 58-60 % Fe- 4570.74 Rs/ton 60-62 % Fe- 4666.68 Rs/ton <b>Fines</b> 55-58 % Fe- 3926.07 Rs/ton 58- 60 % Fe- 3705.86 Rs/ton <b>Cost of production:</b> 2131.64 Rs/Ton,</p>	<p>i)Part-VI (Production, Despatches and stocks): i) The Ex-mine price as reported in Part-VI (3ii) (i) for 55-58 % Fe lumps &amp; in Part-Vi (3ii) (ii) for 55-58 % Fe fines is not tallying with the corresponding sales/despaches quantity &amp; sale value for the particular grade as reported in Section-5 &amp; total deductions made from sale value as reported in Section-4.</p> <p>ii) Part-III (Consumption of Materials)-The Overheads expenses is reported as ‘0’ in Part-III(6)(i) whereas under Part-VII (Cost of production), Rs. 684.98/ton is reported under Overhead cost.</p>	Violation issued under Rule 45(7) of MCDR 2017.

			<p>iii) Part-VII (Cost of Production): The cost of production per tonne under the para is not reported correctly since there is error in reported Overhead cost per ton and Depreciation cost per ton</p>	
9i	Scrutiny of Annual return on fixed assets	Rs 23932278 including industrial, plant & machinery	Part-II A (Capital Structure): The total depreciation during the year as reported under the para is not matching with the depreciation cost/ton as reported in Part-VII (Cost of production)	Violation issued under Rule 45(7) of MCDR 2017.
9k	Scrutiny of Annual return on mining machineries	Excavators-1.6 Cum-2 nos. 2.1 Cum-2 nos. 1.16 Cum- 1 no. Front End	Appears to be correct	Nil

		Loader- 1.6 Cum-4 nos. Dumpers-25 tons-14 nos. Drill-114 mm- 1 no. Water tanker-8 KL-4 nos. etc.		
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Details of violations observed during current inspection and compliance position of violation pointed out					
Violation observed			Show cause position		
Rule No.	Issued on	Compliance on	Rule No.	Issued on	Compliance on
11(1)	17/12/2024	07/02/2025	45(7)	17/12/2024	24/01/2025
				4	5

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