

MCDR INSPECTION REPORT (2023-24)**File no: MCDR-MiFLOLST/3/2023-BNG-IBM_RO_BNG.**

S. N.	Particulars	Details
1	Name of the Mine	Itagi Limestone Mine(M.L 2681)
2	Total Lease Area (Ha) with breakup of non-forest and forest land	519 Ha (Non- Forest land- 519 ha, Forest Land- Nil)
3	Mine code	38KAR10019
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/16423/2013
5	Name of the lessee, Address, phone, Email and fax number	Itagi Limestone Mine, Village: Itagi and Mogla, Post: Malkhed, Taluk: Chittapur, District: Kalaburagi, State: Karnataka, Pin 585211. E-mail: chittapur.mines@orientcement.com
6	Village	Itagi and Mogla
7	Taluk/Mandal	Chittapur
8	District	Kalaburagi
9	Pin code	585211
10	State	Karnataka
11	Post office	Malkhed Road
12	Nearest police station	Chittapur
13	Nearest Railway station	Chittapur
14	Date of Grant of Mining Lease	31.07.2015
15	Date of Execution	31.07.2015
17	Date of Expiry	30.07.2065
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri. Desh Deepak Khetrapal, M/s. Orient Cement Limited, 5-9-22/57/D, 2nd and 3rd Floor, G.P. Birla Centre, Adarshanagar, Hyderabad- 500063, Telangana. 27.03.2015
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri. Satyabrata Sharma, M/s. Orient Cement Limited, Village: Itagi, Taluk: Chittapur – 585211, Karnataka. Date of appointment: -01.07.2018
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri K. Arunachalam, BE Mining, FCC Mine Manager

		M/s. Orient Cement Limited, Village: Itagi, Taluk: Chittapur – 585211, Karnataka. Date of appointment: -15.07.2015
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	M. Amarnath Reddy, BE Mining Mining Engineer M/s. Orient Cement Limited, Village: Itagi, Taluk: Chittapur – 585211, Karnataka. Date of appointment: -24.09.2015
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, B. Sabarilakshmanan Geologist Qualification: M.sc (Geology) Date of appointment: -23.09.2022
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	The Modification of mining plan was approved by IBM vide letter no 279/1060/2012/BNG dated 13/04/2022 for the period 2022-2023 to 2024-25 and MCDR-MPCOLST/4/2023-BNG-IBM_RO_BNG dtd. 10/11/2023 for the period 2023-24(01/08/2023 to 31/03/2024) to 2024-25
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	A-Fully Mechanized
30	Captive/ Non captive	Captive
31	Date of inspection	09/07/2024
32	Name of accompanying mine officials with designation	Shri. K. Arunachalam, Mine Manager, Shri M. Amarnath Reddy, Mining Engineer, Shri B. Sabarilakshmanan, Geologist and other mine officials.

Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	32 exploratory holes proposed for the year 2023-24 with total meterage 2974 metres.	32 exploratory boreholes drilled during year 2023-24 with total meterage 4985m	During inspection, it is observed that there is a mismatch in the lithology as depicted in the geological section and the respective borehole data as compiled in Form-J with respect to

				depth-wise lithology and chemical analysis of the recently drilled boreholes for year 2023-24 (PBH-30, 34, 37, etc.). Accordingly, the geological plan and section have not been updated and submitted correctly as per the provision of this rule, incorporating the lithological and chemical analysis data from Form-J, for the exploratory boreholes drilled during the year 2023-24. Violation issued under Rule 33 of MCDR 2017.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned	M/s Global Environment & Mining Service, Hospet. Rs. 1.19 Crores	As reported by Lessee during inspection.
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1-404.46 Ha, G2-102.49, G3-12.05 Ha (As per the approved document)	G1-404.46 Ha, G2-102.49, G3-12.05 Ha (As per the approved document)	Portion of Potentially mineralized area (G-2/ G-3) also includes different safety zones and No mining zone-Pit-3 as per the existing statutory permission.
1e	Balance reserves as on 01.04.2024	197,386,852 tons of limestone as on 01.08.2023(High Grade Cao 45.75%, MgO 0.92%, Low grade CaO 38.36% MgO 1.05%)	195,438,519 tons of limestone as on 01.04.2024	As reported in AR 2023-24 after depletion.
1f	General remarks of inspecting officer on geology, exploration etc.	i) Reserve/Resource reported correctly in AR 2023-24 after depletion as per the last approved RMP document dtd 14/07/2023. ii) During inspection, it is observed that there is a mismatch in the lithology as depicted in the geological section and the respective borehole data as compiled in Form-J with respect to depth-wise lithology and chemical analysis of the recently		

		drilled boreholes for year 2023-24 (PBH-30, 34, 37, etc.). Accordingly, the geological plan and section have not been updated and submitted correctly as per the provision of this rule, incorporating the lithological and chemical analysis data from Form-J, for the exploratory boreholes drilled during the year 2023-24. Violation issued under Rule 33 of MCDR 2017.
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Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Development proposed in Pit-1 between Section E-E' to H-H' (Northern extent) and C-C' (Southern extent)	Development carried out within the proposed extent as per proposal	Pit-1
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches proposed in OB & mineral. Height of benches proposed in OB-1 m and in mineral- 8m.	Separate benches maintained in OB & mineral as per the proposal.	Nil.
2c	Stripping ratio or ore to OB ratio	1:0.03 proposed (in tons)	1:0.03 achieved. (in tons)	As per proposal
2d	Quantity of topsoil generation in m ³	37,187 Cum. proposed (11,236 Cum. (Apr-2023 to July-2023) + 25,951 Cum. August 2023 to March 2024)	22,701 Cum generated (11,236 Cum. (Apr-2023 to July-2023) + 11,465 Cum. (August 2023 to March 2024))	Topsoil generation proportionate to corresponding production.
2e	Quantity of overburden generation in m ³	62,697 Cum. proposed (26,229 Cum (Apr-2023 to July-2023) + 36,468 Cum August 2023 to March 2024)	51,244 Cum. achieved (26,229 Cum (Apr-2023 to July-2023) + 25,015 Cum. August 2023 to March 2024)	OB generation proportionate to corresponding production.

2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The development of the pit (Pit-1) carried out at within the proposed extent as per the proposal.
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Exploitation

S.N	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1 pit proposed for production (Pit-1)	Actual work carried out in one pit (Pit-1)	Nil
3b	Quantity of ROM mineral production proposed	3,219,196 tons of limestone (including both Insitu mining & dump mining) Apr -2023 to July 2023 = 884,443.47 tons Aug 2023 – Mar 2024 = 2,315,556 tons +19,197 tons (From Dump Mining)	2,851,973 tons of limestone production including both Insitu mining and dump mining. 2,832,776.54 tons limestone production from Insitu mining & 19,196.93 tons limestone production from Dump mining	Nil.
3c	Recovery of salable/usable mineral from ROM production	ROM-100% proposed Dump mining – 30% proposed	ROM - 100% achieved Dump mining – 30% achieved	There is no subgrade/mineral reject generation proposal either in Insitu or dump mining.
3d	Quantity of mineral reject generation	No proposal of subgrade/mineral reject generation	No subgrade/mineral reject generated.	Nil
3e	Grade of mineral reject generation and threshold value declared	No proposal of subgrade/mineral reject generation	No subgrade/mineral reject generated.	Nil
3f	Quantity of sub-grade mineral generation	No proposal of subgrade/mineral reject generation	No subgrade/mineral reject generated.	Nil
3g	Grade of sub-grade mineral generation	No proposal of subgrade/mineral reject generation	No subgrade/mineral reject generated.	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal for segregating from ROM. Only dry	All excavated ROM is sent to the crusher for sizing.	Double rotor impact crusher with 1200

		crushing proposed for sizing of ROM.		TPH, Feed Size: 1000 mm Output: -50mm.
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	Provision made for Deep hole drilling and blasting.	Deep hole drilling and blasting is carried by as per proposal.	152mm drill dia. used, blasting carried out using AN/Slurry explosive in conjunction with NONEL.
3k	Provision of mining machineries in mineral benches	Tippers in combination with excavator proposed.	i)Excavators -3 Cum-3 nos. ii) Tippers -19.5 Cum-15 Nos. iii) Drill-152 mm-1 no. iv) Wheel Loader- 1.7 Cum-1 no. v) Water tanker-8 KL-1 no. vi) Dozer- 1no	The crusher details inside the mine lease are not reported under Part-V (6)-Type of machinery of AR 2023-24. Also, the Water tanker capacity has not been reported correctly. Violation issued under Rule 45(7) of MCDR 2017.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed Bench height in mineral is 8m and in OB is 1m	Bench height maintained in mineral and OB as per proposal.	Nil
3m	Total area covered under excavation/pits	48.88 Ha proposed as on 31.03.2024.	45.91 Ha as on 01.04.2024	As reported by Lessee in AR 2023-24.
3n	Ore to OB ratio for the pit/mine during the year	1:0.03 proposed (in tons)	1:0.03 achieved. (in tons)	As per proposal
3o	Total area put in use under different heads at the end of year	Covered under current (O/C) Workings: 48.88	Covered under current (O/C) Workings: 45.91	As reported by Lessee in AR 2023-24.

		Ha. Used for waste disposal: 3.70 Ha. Occupied by plant, buildings & roads: 9.76 Ha. (As on 31.03.2024 as per the approved document).	Ha. Used for waste disposal: 3.009 Ha. Occupied by plant, buildings & roads: 9.409 Ha. (As on 1.04.2024)	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 2998775 2020-21: 2998650 2021-22: 2999325 2022-23: 2896973 2023-24: 3219196 (in tons)	2019-20: 2656315 2020-21: 2346850 2021-22: 2343231 2022-23: 2891615 2023-24: 2851973 (in tons)	Limestone production for the year 2023-24 as reported by Lessee in AR 2023-24.
3q	General remarks of inspecting officer on method of mining etc.	i)The development and production carried out within the proposed extent of pit-1 as per the proposal. ii) It is observed during scrutiny of AR 2023-24 that the crusher details inside the mine lease are not reported under Part-V (6)-Type of machinery. Also, the Water tanker capacity has not been reported correctly. Violation issued under Rule 45(7) of MCDR 2017.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate dumping of Overburden is proposed at OD-5.	Separate dumping of overburden is carried out at OD-5 dump.	Nil
4b	Location of topsoil, OB & mineral reject dumps	Separate dumping of Overburden is proposed at OD-5. <u>Latitude</u> 17:06:55.01 to 17:06:59.57 <u>Longitude</u> 77:08:21.83 to 77:08:26.41	Separate dumping of overburden is carried out at OD-5 dump.	No mineral reject generation proposal. Topsoil generated concurrently used for plantation.
4c	Number of dumps within lease area and outside lease area	Within ML-04 nos. of OB dump.	Within ML-04 nos. of OB dump.	Overburden Dump (OD-1) & Overburden Dump (OD-5) are active dump and are present within lease area. OD-2

				& OD-3 waste dumps are inactive dumps.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumps proposed inside the UPL.	Dumps located inside UPL.	Entire area is mineralized.
4e	Number of active & alive dumps	2 active dumps.	2 active dumps.	Overburden Dump (OD-1) & Overburden Dump (OD-5) are present within lease area and are active dumps.
4f	Number of dead dumps	02 dead dumps	02 dead dump	OD-2 & OD-3 waste dumps are inactive/dead dumps.
4g	Number of dumps stabilized	OD-2 dump is stabilized as per approved document.	OD-2 dump is stabilized	Nil.
4h	Whether Retaining wall or garland drain all along dumps are there	1192m length of garland drain proposed. 1192m length of Fencing is proposed. 176 m length of Retaining wall is proposed.	Fencing, retaining wall and Garland drain constructed as per the proposal.	1160 m Garland Drain is constructed all along the working pit and 435 m of drain is also constructed at waste dump-OD-5. 415 metres of Retaining wall is constructed at waste dump OD-5. Also 1167 m length of Fencing is erected around the working pit (As reported by Lessee during inspection)
4i	Length of Retaining wall or garland drain all along dump	1192m length of garland drain proposed. 1192m length of Fencing is	Fencing, retaining wall and Garland drain constructed as per the proposal.	1160 m Garland Drain is constructed all along the working pit and 435 m of drain is also constructed at waste dump-

		proposed. 176 m length of Retaining wall is proposed.		OD-5. 415 metres of Retaining wall is constructed at waste dump OD-5. Also 1167 m length of Fencing is erected around the working pit (As reported by Lessee during inspection)
4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management.	The waste dumping has been carried out at the earmarked location as per the proposal.		

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	No Proposal	Nil	Nil
5b	Area under backfilling of mined out area	No Proposal	Nil	Nil
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	No backfilling proposals as mineral not exhausted.		

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.	PMCP report to be submitted every year before 1 st of July.	Annual PMCP report for the year 2023-24 is submitted along with the annual return on 20.06.2024.	Nil
6b	Area available for rehabilitation (ha)	3.96 ha proposed for afforestation.	For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern	Violation issued under Rule 11(1) of MCDR 2017.

			<p>portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the above-mentioned earmarked locations have not been carried out as per the proposal.</p>	
6c	Afforestation done (ha)	3.96 ha proposed for afforestation.	<p>For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the</p>	<p>Violation issued under Rule 11(1) of MCDR 2017.</p>

			above-mentioned earmarked locations have not been carried out as per the proposal.	
6d	No. of saplings planted during the year	9900 Nos. of saplings proposed for plantation.	For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the above-mentioned earmarked locations have not been carried out as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017
6e	Cumulative no. of plants	30,331 nos. of plants as per the last approved document dtd 10/11/2023	37,438 nos. of plants. (As reported in AR 2023-24).	For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and

				at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the above-mentioned earmarked locations have not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.
6f	Any other specific method of rehabilitation	No proposal	Nil	Nil
6g	Cost incurred on watch & care during the year	Rs. 25,20,000/- proposed for Afforestation	Plantation not carried at the earmarked location as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	No proposal	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings	No proposal	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	No proposal	Nil	Nil
6k	Compliance on reclamation and	No proposal	Nil	Nil

	rehabilitation by backfilling (iv) Rehabilitation by making water reservoir			
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)	Environment Monitoring proposed in both Core and Buffer zone	The Environment Monitoring in Core and Buffer zone for air, water, noise carried out. Mar-24 monitoring report checked during inspection. Parameters within limit.	Nil.
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	i) ii)	i)Annual PMCP report for the year 2023-24 submitted within timeline. ii) For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the above-mentioned earmarked locations have not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR	

		2017.
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Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	3,219,196 Tons ROM production proposed Dry crushing is proposed to reduce size. (2 crushers - (1200 TPH capacity proposed))	2,851,973 Tons ROM production achieved. Dry crushing is carried out in Crushers (1 crusher exist (1200 TPH capacity for sizing))	No sorting of mineral. Reduction of size from 1000 mm to (-50 mm).
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Cement Grade limestone proposed for year 2023-24 (CaO- 44.65-46.38 MgO- 0.96 to 0.79 for ROM) & CaO 40.64% MgO 0.80% for limestone recovered from dump workings). The recovered limestone from dump working is proposed to be blended.	Cement Grade limestone Production- 2,851,973 tons & Dispatch- 2,851,506Tons.	As reported by Lessee in AR 2023-24. All limestone produced used for captive consumption in cement plant.
7c	Different grade of mineral sorted out at mines	Cement Grade limestone proposed for year 2023-24 (CaO- 44.65-46.38 MgO- 0.96 to 0.79 for ROM) & CaO 40.64% MgO 0.80% for limestone	Cement Grade limestone Production- 2,851,973 tons & Dispatch- 2,851,506Tons.	As reported by Lessee in AR 2023-24. All limestone produced used for captive consumption in cement plant. Reduction of size from 1000 mm to (-50 mm).

		recovered from dump workings). The recovered limestone from dump working is proposed to be blended.		
7d	Any beneficiation process at mines	No proposal	Nil	Nil.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	i)There is only dry crushing carried out inside the mine. The mineral conservation activities carried out inside mine as per proposal. ii)The limestone produced is used for captive consumption in the cement plant.		

Environment

S. N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	37,187 Cum of top soil is proposed to be concurrently utilized for plantation.	22,701 Cum of top generated during year 2023-24 is concurrently used for plantation	Topsoil generated is concurrently used for plantation as per proposal.
8b	Concurrent use or storage of topsoil	37,187 Cum of top soil is proposed to be concurrently utilized for plantation.	22,701 Cum of top generated during year 2023-24 is concurrently used for plantation	Topsoil generated is concurrently used for plantation as per proposal.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	OB dumps proposed at dump OD-5.	OB dumping carried out at dump OD-5 as per the proposal.	No mineral reject proposal.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	Nil
8e	Phased restoration, reclamation and	No proposal	Nil	Nil

	rehabilitation of lands affected by mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	30,331 nos. of plants as per the last approved document dtd 10/11/2023	37,438 nos. of plants. (As reported in AR 2023-24).	For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the above-mentioned earmarked locations have not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.
8g	Survival rate	85 % proposed.	85% achieved. (As reported in AR 2023-24). Plantation not carried at the earmarked	Violation issued under Rule 11(1) of MCDR 2017.

			location as per the proposal.	
8h	Water sprinkling on roads to control airborne dust	Dust suppression using water sprinkler proposed.	One no. of water tankers with capacity 8 KL engaged for water spraying to control airborne dust.	8 KL water sprinkler- 1no.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	<p>i) The aesthetic beauty in and around the mines looks good.</p> <p>ii) For the year 2023-24 a total plantation of 9900 nos. of plants at 3.96 ha is proposed at the North eastern portion of Mine Lease boundary i.e. Nallah safety zone & Railway safety zone (Between pillar BP-C & D) and at South Western portion of lease near to BP-L at Sec B-B". It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 and inspection that the plantation at the above-mentioned earmarked locations have not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.</p>		
Compliance of Rule 45				
S. N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to June -2024 on 08.07.2024. A.R. Submitted up to FY 2023-24 on 20.06.2024.		Submitted within timeline
S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine manager – Mr. K. Arunachalam, Mine Engineer – Mr. M. Amarnath Reddy and Mine Geologist – Mr. B. Sabarilakshmanan	Mining Engineer, Geologist and Mine Manager present during inspection.	Appears to be correct.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed	Covered under current (O/C) Workings: 45.91 Ha.	Appears to be correct.	Nil

	area, dumps etc.	Used for waste disposal: 3.009 Ha. Occupied by plant, buildings & roads: 9.409 Ha.		
9d	Scrutiny of Annual return on afforestation	17480 saplings planted during 2023-24 within ML area with 85 % survival rate	Appears to be correct. However, plantation not carried at the earmarked location as per the proposal. Accordingly, violation issued under Rule 11(1) of MCDR 2017.	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	ROM: O/s -0 ton, Production - 2,851,973 tons, C/s – 0 ton Graded Ore O/s- 80,782 tons Production- 2,851,973 tons Despatch- 2,851,506 tons C/s- 81,250 tons. (Cement grade Limestone)	Appears to be correct.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production- Rs 201.80 per tonne. Ex mine price- Rs. 201.80 per tonne	Part-VII of AR 2023-24 i) The cost of production has not been reported correctly since there is error in Overhead	The mine is captive. Violation issued under Rule 45(7).

			cost/ton & Depreciation cost/ton. Also, the production proposal for financial year 2023-24 is not updated as per the modified mine plan document approved dated 10/11/2023. ii)Part-III of AR 2023-24- The Overheads expense as reported under Part-III 6(i) does not tally with the overhead cost/ton as reported in Part-VII-Cost of production	
9i	Scrutiny of Annual return on fixed assets	Rs. 4,70,29,349 including Industrial, Plant and Machinery	Part-II A of AR 2023-24- The land value has not been reported under Part-II A 1. (i)	Violation issued under Rule 45(7).
9k	Scrutiny of Annual return on mining machineries	Excavator -3 Cum-3 nos. ii) Tippers -19.5 Cum-15 Nos. iii) Drill-152 mm-1 no. iv) Wheel Loader-1.7 Cum-1 no. v) Water tanker-10 KL-1 no. vi) Dozer-1no	Part-V of AR 2023-24- The crusher details inside the mine lease are not reported under Part-V (6)-Type of machinery. Also, the Water tanker capacity has not been reported correctly.	Violation issued under Rule 45(7).

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) & 33	23/07/2024	02/09/2024	45(7)	23/07/2024	13/08/2024

Signed by Sandeep Kumar

(संदीप कुमार सिंह / Sandeep Kumar Singh)

वरिष्ठ सहायक खान नियंत्रक/ Senior Assistant Controller of Mines

Date: 04-11-2024 13:36:03