

MCDR INSPECTION REPORT (2023-2024)**File no: MCDR-MiFLOLST/1/2022-BNG-IBM_RO_BNG**

S. N.	Particulars	Details
1	Name of the Mine	Wadi-I Limestone mine, ML No. 2641
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area: 471.03 Ha Non-Forest- 471.03 ha Forest- 0.00 ha
3	Mine code	38KAR10012
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/256/2011
5	Name of the lessee, Address, phone, email and fax number	M/s ACC Limited, Wadi Cement Works Wadi-585 225, Taluk-Chittapur Dist-Gulbarga ,State -Karnataka, Email id-ajay.kapur@adani.com
6	Village	Ingalgi & Ravor
7	Taluk/Mandal	Chittapur
8	District	Kalaburagi
9	Pin code	585225
10	State	Karnataka
11	Post office	Wadi
12	Nearest police station	Wadi
13	Nearest Railway station	Wadi
14	Date of Grant of Mining Lease	19.02.1963
15	Date of Execution	19.02.1963
16	Date of opening of Mine	09.09.1968
17	Date of first Renewal, if applicable and its period & expiry	02.12.1982; Validity: 20 yrs w.e.f 19.02.1983
18	Date of second Renewal, if applicable and its period & expiry	19.02.2003 (Date of grant Renewal-28.06.2010); Validity: 20 yrs w.e.f 19.02.2003 i.e., 18.02.2023.
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Supplementary lease deed for extended period under Section 8A. (5) of MMDR Act 1957 is not yet executed & pending with State Govt. (Intimated to the State Govt. vide this office letter dated 15.07.2024)
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Ajay Kapur Nominated Owner Wadi-I Limestone mine M/s. ACC Limited. Adani Corporate House, Shantigram, S.G Highway, Khodiyar Gandhinagar- 382 421, Gujarat Email Id-ajay.kapur@adani.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri. Pavan Gandhi ACC Limited, Wadi-585225 Taluk: Chittapur Dist. Gulbarga

		State Karnataka Ph. No. 7087409779 E-mail: pavan.gandhi@adani.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr. Pradeep Sahoo ACC Limited, Wadi-585225 Taluk Chittapur Dist. Gulbarga State Karnataka Ph. No. 708110590 E-mail: sahuo.pradeep@adani.com Date of appointment: 01.01.2024
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mr. B N Prasadrao, B.E. Mining Engineering ACC Limited, Wadi-585225 Taluk Chittapur Dist. Gulbarga State Karnataka Ph. No. 9480686089 E-mail: prasadrao.bomishetty@adani.com Date of appointment: 20.06.2016
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, Geologist & Mining Engineer are appointed. Details of Geologist: Mr. Jagadish K Madival, M.Sc., Geology, Ph. No. 9480686298 E-mail: jagadish.madival@adani.com Date of appointment: 05.07.2013
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review and updation of mining plan was approved by IBM vide letter no. 279/116/89/BNG dated 07/03/2023 for the period 2023-24 to 2027-28.
26	Mineral(s) granted in lease and proved for mining	Limestone, Shale and Clay
27	Method of Mining (Opencast, Underground)	Opencast mining
28	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
29	Captive/ Non captive	Captive
30	Date of previous inspection	28.11.2023
31	Date of inspection	11.07.2024
32	Name of accompanying mine officials with designation	Shri. Pradeep Sahoo, Mines Manager, Shri BN Prasadrao, Mining Engineer, Shri Jagadish M.K, 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	No proposal	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1 axis-390.04 Ha G3 axis-80.99 Ha	G1 axis-390.04 Ha G3 axis-80.99 Ha	Wadi 2 Cement Plant area falls in G3 axis (80.99 ha)
1e	Balance reserves as on <u>01.04.2024</u>	<p>i)25,530,000 tonnes of Limestone as on 31.12.2022. (Cao grade-47.29 %)</p> <p>ii)32,793,000 tonnes of shale as on 31.12.2022. (Cao grade-31.24 %)</p>	<p>On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24</p>	<p>Part-V of AR 2023-24- The details of Mineral Reserves for limestone under different UNFC code are not reported correctly under Part-V (2) since there is discrepancy in the figure reported for the depletion of reserves during the year as per the drone data & Form-L. Also, the details of both Reserves and Resources for shale under different UNFC codes are not reported correctly under Part-V (2) as per the approved mine plan document dated 07/03/2023.</p>

				Violation issued under Rule 45(7) of MCDR 2017,
1f	General remarks of inspecting officer on geology, exploration etc.	On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24. Part-V of AR 2023-24- The details of Mineral Reserves for limestone under different UNFC code are not reported correctly under Part-V (2) since there is discrepancy in the figure reported for the depletion of reserves during the year as per the drone data & Form-L. Also, the details of both Reserves and Resources for shale under different UNFC codes are not reported correctly under Part-V (2) as per the approved mine plan document dated 07/03/2023. Violation issued under Rule 45(7) of MCDR 2017.		

Development

S.N	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Development proposed in Pit1 at North and South western portion of Pit-1.	The approved development & production proposals for the year 2023-24 are only at South western portion & north portion of the Pit-1. However, it is observed during inspection and analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-24, that the development and production have additionally been carried out at South Eastern part of the Pit-1 between the Section ML 1A to ML 8A (N-1887973, E-710822 to N-1888035, E- 711829),	Violation issued under Rule 11(1) of MCDR 2017.

			which is not as per the approved proposal of the year 2023-24. Also, it is observed that development & production at South western portion of the Pit-1 has been carried out only upto 396 mRL (N-1887300, E-709467) vertical extent against the approved proposals of 391 mRL.	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches proposed in overburden and mineral proposed.	Separate benches in overburden and mineral maintained	Nil
2c	Stripping ratio or ore to OB ratio	1:0.07 (in tons) proposed	1:0.15(in tons) achieved. On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F1, G-1 and L for the year 2023-24. The actual stripping ratio as arrived from AR 2023-24 (5,57,721 tons/35,54,606 tons) of 1:0.15 not supporting with the proposal.	Violation issued under Rule 11(1) & 45(7) of MCDR 2017.
2d	Quantity of topsoil	3,082 Cum	3,051 Cum generated	As reported by

	generation in m ³	proposed		the Lessee during inspection.
2e	Quantity of overburden generation in m ³	3,05,133 Cum proposed	3,48,576 Cum generated	Nil.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	<p>i)The approved development & production proposals for the year 2023-24 are only at South western portion & north portion of the Pit-1. However, it is observed during inspection and analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-24, that the development and production have additionally been carried out at South Eastern part of the Pit-1 between the Section ML 1A to ML 8A (N-1887973, E-710822 to N-1888035, E- 711829), which is not as per the approved proposal of the year 2023-24. Also, it is observed that development & production at South western portion of the Pit-1 has been carried out only upto 396 mRL (N-1887300, E-709467) vertical extent against the approved proposals of 391 mRL. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii)On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F1, G-1 and L for the year 2023-24. The actual stripping ratio as arrived from AR 2023-24 (5,57,721 tons/35,54,606 tons) of 1:0.15 not supporting with the proposal. Violation issued under Rule 11(1) & Rule 45(7) of MCDR 2017.</p>		

Exploitation

S.N	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One pit proposed for production, Pit-1	The approved development & production proposals for the year 2023-24 are only at South western portion & north portion of the Pit-1. However, it is observed during inspection and analysis of submitted drone data, surface KMZ plan along with Annual Return 2023-	Violation issued under Rule 11(1) of MCDR 2017.

			24, that the development and production have additionally been carried out at South Eastern part of the Pit-1 between the Section ML 1A to ML 8A (N-1887973, E-710822 to N-1888035, E-711829), which is not as per the approved proposal of the year 2023-24	
3b	Quantity of ROM mineral production proposed	6,900,010 tons of limestone production proposed	3,554,606 tons of limestone as reported by Lessee in AR 2023-24. On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24.	Violation issued under Rule 11(1) & 45(7) of MCDR 2017.
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	No Proposal	Nil	Nil

	reject generation and threshold value declared			
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	Nil
3g	Grade of sub-grade mineral generation	No Proposal	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	All the blasted material is proposed to be sent to crushers for further sizing	All the blasted material is sent to crushers for further sizing	There is no segregation of material adopted. Three crushers are operated to reduce size of material viz.-75 mm to 200 mm primary crushing & 12.5 mm Secondary crushing.
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 & Blasting in limestone benches	Deep Hole Drilling & Blasting carried out as proposed	Drilling carried out by DTH Drills of 115mm-2 nos. Blasting is carried out by Slurry Explosive in conjunction with delay detonators.
3k	Provision of mining machineries in mineral benches	Mining machineries proposed.	i)Excavator-7.2 Cum-4 nos., 4.5 Cum- 1 no. 2.45 Cum-1 no. ii) Blast hole Drill-150 mm-2 nos. iii) Water tanker-12 KL-1 no & 28 KL- 1 no. iv) Crusher-850 TPH-1 no, 1000 TPH-1 no, 1200 TPH-1 no. The dumper details have not been furnished correctly	Violation issued under Rule 45(7) of MCDR 2017.

			under Part-V (6) of AR 2023-24. The type of machinery to be selected correctly for dumper.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Maximum Height of bench proposed 4m in OB and 10 m in mineral.	Bench height & width maintained in OB & mineral as per the proposal	Nil
3m	Total area covered under excavation/pits	303.97 ha as on 1.04.2024 as per the last approved document	298.525 ha reported as on 1.04.2024 as per the AR 2023-24. Part-I of AR 2023-24- The land use (area in ha) as given in Part-I (12) under 12(i)- Covered under current(O/C) workings, 12(ii)-Used for waste disposal and 12(iv)- Occupied by plant, buildings, and roads etc. have not been reported correctly in accordance with approved land use pattern of the approved mine plan document dated 07/03/2023	Violation issued under Rule 45(7) of MCDR 2017.
3n	Ore to OB ratio for the pit/mine during the year	1:0.07 (in tons) proposed	1:0.15(in tons) achieved. On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures	Violation issued under Rule 11(1) & 45(7) of MCDR 2017.

			reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24. The actual stripping ratio as arrived from AR 2023-24 (5,57,721 tons/35,54,606 tons) of 1:0.15 not supporting with the proposal.	
3o	Total area put in use under different heads at the end of year	<p>i)Area under Mining: 303.97 ha</p> <p>ii)Overburden/Waste Dumping: 1.6 ha</p> <p>iii)Infrastructure and Roads: 88.14 ha</p> <p>iv)Top soil stack- 4.36 ha (proposed as on 31.03.2024) as per the approved document.</p>	<p>i)Area under Mining: 298.525 ha</p> <p>ii)Overburden/Waste Dumping: 2.56 ha</p> <p>iii)Infrastructure and Roads: 89.98 ha</p> <p>iv)Top soil stack- 3.12 ha</p> <p>(As reported by Lessee in AR 2023-24)</p> <p>Part-I of AR 2023-24- The land use (area in ha) as given in Part-I (12) under 12(i)- Covered under current(O/C) workings, 12(ii)-Used for waste disposal and 12(iv)- Occupied by plant, buildings, and roads etc. have not been reported correctly in accordance with approved land use pattern of the approved mine plan document dated 07/03/2023</p>	Violation issued under Rule 45(7) of MCDR 2017
3p	Production of ROM mineral	<p>2019-20: 66,65,983</p> <p>2020-21: 66,50,965</p>	<p>2019-20: 55,32,933</p> <p>2020-21: 55,26,321</p>	On analysis of the submitted

	during last five-year period, as applicable	2021-22: 76,45,652 2022-23: 67,20,820 2023-24: 69,00,010 (Tons)	2021-22: 63,44,642 2022-23: 62,04,013 2023-24: 35,54,606(As reported by Lessee in AR 2023-24. (Tons).	drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24. Violation issued under Rule 11(1) & 45(7) of MCDR 2017.
3q	General remarks of inspecting officer on method of mining etc.	i) On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24. The actual stripping ratio		

	<p>as arrived from AR 2023-24 (5,57,721 tons/35,54,606 tons) of 1:0.15 not supporting with the proposal. Violation issued under Rule 11(1) & 45(7) of MCDR 2017.</p> <p>ii) Part-I of AR 2023-24- The land use (area in ha) as given in Part-I (12) under 12(i)- Covered under current(O/C) workings, 12(ii)-Used for waste disposal and 12(iv)- Occupied by plant, buildings, and roads etc. have not been reported correctly in accordance with approved land use pattern of the approved mine plan document dated 07/03/2023. Violation issued under Rule 45(7) pf MCDR 2017.</p> <p>iii) The Review and updation of mining plan dated 07/03/2023 is approved with special condition B.2., which states that, “The Approval of Review and Updation of Mining Plan along with Progressive Mine Closure Plan is subject to the execution of Supplementary Mining Lease Deed for the extended period under the provisions of section 8A of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 and the required statutory clearances from all the concerned Authorities”. However, the Supplementary Mining Lease deed has not been found executed and not available for the extended period of the Lease, on the date of inspection. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>iv)Also communicated to the State Govt vide this office letter no MCDR-MiFL0LST/1/2022-BNG-IBM_RO_BNG dated 15/07/2024 regarding execution of Supplementary lease deed under Section 8A. (5) of MMDR Act, 1957 & Discrepancies observed in the reported limestone production.</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)	Separate dumping of Overburden proposed. No topsoil stacking proposal and also no mineral Reject generation proposal.	The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of	Violation issued under Rule 11(1) of MCDR 2017.

			Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1).	
4b	Location of topsoil, OB & mineral reject dumps	The top soil was proposed to be utilized for afforestation & OB removed for backfilling.	The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1).	Violation issued under Rule 11(1) of MCDR 2017.
4c	Number of dumps within lease area and outside lease area	WD-1,2 & 3 (Waste dump)	WD-1,2 & 3	Waste dump
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	Temporary dump and will be rehandled.
4e	Number of active & alive dumps	Nil	Nil	The OB generated is backfilled currently in the portion of west and East pit. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-

				1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1). Violation issued under Rule 11(1) of MCDR 2017.
4f	Number of dead dumps	3 nos. of dead dumps.	3 nos. of dead dumps	Nil
4g	Number of dumps stabilized	No proposal	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	No proposal	Nil	Nil
4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management.	The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1). Violation issued under Rule 11(1) of MCDR 21017.		

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	Backfilling proposed in Pit-1 between Section ML-2 to ML-4(N-1887854, E-710337 to N-1887758 to E-710022)	Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1).	Violation issued under Rule 11(1) of MCDR 2017.
5b	Area under backfilling of mined out area	5.44 Ha proposed for backfilling at Pit-1 between Section ML-2	1.1 ha achieved at Backfill dump 5 & 6(Portion of Pit-1)	Violation issued under Rule 11(1) of MCDR 2017.

		to ML-4(N-1887854, E-710337 to N-1887758 to E-710022)	However backfilling not carried at the proposed location.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Top soil utilization proposed for plantation.	3051 Cum topsoil generated concurrently utilized for plantation at Backfilling dump area 6.	As reported by Lessee during inspection.
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1). Violation issued under Rule 11(1) of MCDR 2017.		

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 st of July every year.	Annual PMCP report submitted by the Lessee along with AR 2023-24 on 29/06/2024	Nil
6b	Area available for rehabilitation (ha)	3.13 ha proposed for plantation at safety zone and backfilled area.	For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in	Violation issued under Rule 11(1) of MCDR 2017.

			Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal.	
6c	Afforestation done (ha)	3.13 ha proposed for plantation at safety zone and backfilled area.	For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
6d	No. of saplings planted during the year	7825 nos. of saplings plantation proposed.	For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area.	Violation issued under Rule 11(1) of MCDR 2017.

			However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal.	
6e	Cumulative no. of plants	51,850 nos. of plants as per the last approved document dtd 07/03/2023	The cumulative number of trees at the end of the year have not been reported correctly under Part-V (5) of AR 2023-24	Violation issued under Rule 45(7) of MCDR 2017.
6f	Any other specific method of rehabilitation	No proposal	Nil	Nil
6g	Cost incurred on watch & care during the year	Rs.15,65,000/- proposed	For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with	Violation issued under Rule 11(1) of MCDR 2017.

			AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	5.44 Ha proposed for backfilling at Pit-1 between Section ML-2 to ML-4(N-1887854, E-710337 to N-1887758 to E-710022)	Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1)	Violation issued under Rule 11(1) of MCDR 2017.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings	5.44 Ha proposed for backfilling at Pit-1 between Section ML-2 to ML-4(N-1887854, E-710337 to N-1887758 to E-710022)	Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2	Violation issued under Rule 11(1) of MCDR 2017.

			to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1)	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	3.13 ha proposed for plantation at safety zone and backfilled area.	For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.

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)	Environment Monitoring proposed in both Core and Buffer zone	The Environment Monitoring in Core and Buffer zone for air, water, and noise carried out. March-24 monitoring report checked during inspection. Parameters within limit.	Nil.
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	<p>i) Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11 (Western portion of Pit-1). Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and</p>		

		<p>backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>iii) The cumulative number of trees at the end of the year have not been reported correctly under Part-V (5) of AR 2023-24. Violation issued under Rule 45(7) of MCDR 2017.</p>
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Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Only dry crushing of ROM proposed.	Only dry crushing of ROM carried out.	There is no segregation/sorting of material adopted. Three crushers are operated to reduce size of material viz.-75 mm to 200 mm primary crushing & 12.5 mm Secondary crushing.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Insitu ROM Limestone grade range proposed 40 to 48% CaO	Cement Grade limestone Production- 3,554,606 tons & Dispatch- 3,554,606 Tons. On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in	As reported by Lessee in AR 2023-24. Violation issued under Rule 11(1) & 45(7) of MCDR 2017.

			<p>the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24</p>	
7c	Different grade of mineral sorted out at mines	Insitu ROM Limestone grade range proposed 40 to 48% CaO	<p>Cement Grade limestone Production- 3,554,606 tons & Dispatch- 3,554,606 Tons. On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that</p>	<p>As reported by Lessee in AR 2023-24. Violation issued under Rule 11(1) & 45(7) of MCDR 2017.</p>

			<p>the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24</p>	
7d	Any beneficiation process at mines	No proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	<p>On analysis of the submitted drone data for the year 2022-23 & 2023-24 it is observed that the total limestone excavated quantity as reported in the Annual Return 2023-24 is 3.55 million tons is not matching with the excavation quantity 5 million tons derived from the drone data. Also, the cumulative limestone figures reported in</p>		

		Form-L for the year 2023-24 arrived to 51,44,255 tons. As such, there is a discrepancy observed in the reported limestone production figures in Form F-1, G-1 and L for the year 2023-24. Violation issued under Rule 11(1) & 45(7) of MCDR 2017.
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Environment

S. N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal and utilization of topsoil proposed. (3082 Cum topsoil generation proposed)	3051 Cum topsoil generated concurrently utilized for plantation at Backfilling dump area 6.	As reported by Lessee during inspection.
8b	Concurrent use or storage of topsoil	Separate removal and utilization of topsoil proposed. (3082 Cum topsoil generation proposed)	3051 Cum topsoil generated concurrently utilized for plantation at Backfilling dump area 6.	As reported by Lessee during inspection.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Backfilling of overburden proposed in Pit-1 between Section ML-2 to ML-4(N-1887854, E-710337 to N-1887758 to E-710022). No rejects and fines generation proposal.	Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to	Violation issued under Rule 11(1) of MCDR 2017.

			ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11(Western portion of Pit-1).	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	5.44 Ha proposed for backfilling at Pit-1 between Section ML-2 to ML-4(N-1887854, E-710337 to N-1887758 to E-710022)	1.1 ha achieved at Backfill dump 5 & 6(Portion of Pit-1) However backfilling not carried at the proposed location.	Violation issued under Rule 11(1) of MCDR 2017.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	5.44 Ha proposed for backfilling at Pit-1 between Section ML-2 to ML-4(N-1887854, E-710337 to N-1887758 to E-710022)	1.1 ha achieved at Backfill dump 5 & 6(Portion of Pit-1) However backfilling not carried at the proposed location.	Violation issued under Rule 11(1) of MCDR 2017.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	51,850 nos. of plants as per the last approved document dtd 07/03/2023	The cumulative number of trees at the end of the year have not been reported correctly under Part-V (5) of AR 2023-24	Violation issued under Rule 45(7) of MCDR 2017.
8g	Survival rate	80% proposed	80% achieved. For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is	Violation issued under Rule 11(1) of MCDR 2017.

			observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal.	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed to control airborne dust.	Water sprinkling is carried out through 28 KL-1 water sprinkler & 12 KL- 1 water sprinkler to control airborne dust.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	<p>i) Backfilling not carried at the earmarked location as per the proposal. The waste dumping for the year 2023-24 is proposed to be backfilled at Pit-1 between Sec ML-2 to ML-4 (N-1887854, E-710337 to N-1887758 to E-710022). However, the waste dumping has not been carried out at the earmarked backfilled location for the year 2023-24. Instead, backfilling has been continued in Pit-1 between Section ML 5A to ML 7A (Eastern portion of Pit-1) and between section ML 9 to ML 11 (Western portion of Pit-1). Violation issued under Rule 11(1) of MCDR 2017.</p> <p>ii) For the year 2023-24 a total plantation of 7825 nos. of plants at 3.13 ha is proposed at safety zone and backfilled area. However, only 1.9 ha with 4500 nos. of plantation carried out during the year as per the figures reported in Annual return 2023-24. It is observed from submitted 2023-24 drone data, submitted surface KMZ plan with AR 2023-24 & inspection that the plantation at safety zone from pillar BP-44 to BP-52 has not been carried out as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.</p> <p>iii) The cumulative number of trees at the end of the year have not been reported correctly under Part-V (5) of AR 2023-24. Violation issued under Rule 45(7) of MCDR 2017.</p>		

Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a	Status of submission of Monthly and Annual	M.R. Submitted up to May-24 on 08.06.2024 A.R. Submitted up to 22023-24 on 29.06.2024	The monthly return for the month of June-2024 has not been submitted by the Lessee on the date of inspection. As

	returns		per the provision of Rule 45. (5) (b) “ a monthly return which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form’’. Accordingly, the late fine has to be paid at the rate of Rs. 10,000 per day after due date of submission of return as per provision of schedule-II under Rule 45(7A). Violation issued under Rule 45(7) of MCDR 2017.	
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	Mining Manager: Shri. Pradeep Sahoo Mining Engineer: Shri. B N Prasadrao Geologist: Shri. Jagadish Madival	Mining Manager, Mining Engineer & Geologist present on date of inspection.	Appears to be correct.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	i)Area under Mining: 298.525 ha ii)Overburden/Waste Dumping: 2.56 ha iii)Infrastructure and Roads: 89.98 ha iv)Top soil stack- 3.12 ha (As reported by Lessee in AR 2023-24)	Part-I of AR 2023-24- The land use (area in ha) as given in Part-I (12) under 12(i)- Covered under current(O/C) workings, 12(ii)- Used for waste disposal and 12(iv)- Occupied by plant, buildings, and roads etc. have not been reported correctly in accordance with approved land use pattern of the approved mine plan document dated 07/03/2023	Violation issued under Rule 45(7) of MCDR 2017.
9d	Scrutiny of Annual return on afforestation	4500 nos. with 80 % survival rate and cumulative no. of trees at the end of the year-4500	The cumulative number of trees at the end of the year have not been reported correctly	Violation issued under Rule 45(7) of

			under Part-V (5) of AR 2023-24.	MCDR 2017.
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	<p>ROM: O/s -0 ton, Production -3,554,606 tons, C/s – 0 ton</p> <p>Graded Ore O/s- 0 ton Production-3,554,606 tons Despatch-3,554,606 tons C/s- 0 ton. (Cement grade Limestone)</p>	<p>i)Part-VI of AR 2023-24- There is discrepancy in the reported limestone ROM production figure-Part-VI (2), Grade wise limestone production and despatches figures-Part-VI (3(ii)) & Sales-Despatches figures -Part-VI (5) with respect to Form-L & drone data.</p> <p>ii) Monthly Returns of December-2023, January-2024, February-2024, March-2024- The cumulative limestone production till Nov-23 is reported as 35,54,606 tons and from Dec-23 to March-24, ‘Nil’ limestone production is reported. There is discrepancy in the reported limestone production figures with respect to Form-L & drone data.</p> <p>iii) Monthly Returns of April-2024, May-2024,</p>	Violation issued under Rule 45(7) of MCDR 2017.

			<p>June-2024- The limestone production is reported as "Nil" for the month of April & May-24, which is not in line with the figures as reported in Form-L for the corresponding month. Also, the mine is in operation on the date of inspection and the monthly return for the month of June-2024 has not been submitted by the Lessee on the date of inspection. As per the provision of Rule 45. (5)(b) " a monthly return which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form". Accordingly, the late fine has to be paid at the rate of Rs. 10,000 per day after due date of submission of return as per provision of schedule-II under Rule 45(7A).</p>	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production- Rs 215.29 per tonne. Ex mine price- Rs. 215.29 per tonne	Part-VII of AR 2023-24- Since there is discrepancy in the reported limestone production figures, the cost of production per tonne also has to be	The mine is captive. Violation issued under Rule 45(7) of MCDR

			corrected accordingly incorporating corrections under the relevant item cost/ton. The Ex-mine price per/ton also to be furnished correctly accordingly in Part-VI (3(ii)) as per the corrected Cost of production/ton.	2017.
9i	Scrutiny of Annual return on fixed assets	Rs. 194,55,44,500 including land, industrial, Plant and Machinery	Appears to be correct.	Nil
9k	Scrutiny of Annual return on mining machineries	i)Excavator-7.2 Cum-4 nos., 4.5 Cum- 1 no. 2.45 Cum-1 no. ii) Blast hole Drill-150 mm-2 nos. iii) Water tanker-12 KL-1 no & 28 KL- 1 no. iv) Crusher-850 TPH-1 no, 1000 TPH-1 no, 1200 TPH-1 no. v) Load Haul Dumper- 36.4 Cum-8 nos. & 16 Cum-2 nos.	The dumper details have not been furnished correctly under Part-V (6) of AR 2023-24. The type of machinery to be selected correctly for dumper.	Violation issued under Rule 45(7) of MCDR 2017

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)	18/07/2024	24/12/2024	45(7)	18/07/2024	16/10/2024

संदीप कुमार सिंह. /Sandeep Kumar Singh)
वरिष्ठ सहायक खान नियंत्रक/ Senior Assistant Controller of Mines