

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR Inspection REPORT
Jabalpur Regional office

Mine code: 38MPR18035

General Information

S.N	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Jamuwanikala Limestone mine 29/06/2024 Mr. Kathroju Naveen, Sr.ACOM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total land-8.01 Ha Forest land-0 ha Non forest land-8.01 ha
3	Mine code	38MPR18075
4	IBM Registration Number under rule 45 of MCDR,1988	256
5	Name of the Lease, Address, Phone, email and fax number	M/s. ACC Limited Cement House121, M K Road, Mumbai District : MUMBAI (SUBURBAN) State : MAHARASHTRA PIN Code: 400020 Fax No: 02225811618 Phone No: 02267973967
6	Village	Jamuwanikala
7	Taluka/Mandal	Vijayaraghavagarh
8	District	Katni
9	Pin code	483880
10	State	Madhya Pradesh
11	Post Office	Kymore
12	Nearest Police Station	Kymore
13	Nearest Railway Station	Katni
14	Date of Grant of Mining Lease	15/09/1978
15	Date of Execution	15/09/1978
16	Date of opening of Mine	15/09/1978
17	Date of First Renewal, if applicable and its period & expiry	15/09/1988
18	Date of Second Renewal, if applicable and its period & expiry	15/09/1998-14/09/2018
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr Ajay Kapur Ph No- 02267973967 Date of Appointment:03-12-2022 md.ceo@adani.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of	Mr Vaibhav Dixit Ph No- 7781019970

	appointment	Date of Appointment: 03-11-2022 vaibhav.dixit@adani.com
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Dhruv Chaturvedi, BE Mining ACC Limited, Kymore cement works, Kymore Date of appointment:21-06-2023 dhruv.chaturvedi.adani.com
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Dhruv Chaturvedi, BE Mining ACC Limited, Kymore cement works, Kymore Date of appointment: 21-06-2023
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44	N.Pavan Kumar, M.Sc Tech Applied Geology Date of appointment:17.11.2021 pavan.nadimpalli@adani.com
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	No. MP/Katni/Limestone/RMP-52/2022-23 Dt : 07/12/2022
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	
27	Mineral(s) granted in lease and approved for Mining	Limestone& Dolomite
28	Method of Mining (Opencast, Underground)	Open cast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanised
30	Captive/Non-Captive	captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Not proposed	Nil	No back logs for the previous year
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Nil	No exploration carried out during the year
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Nil	

1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not proposed	Lease area explored in G1 level	Not applicable
1e	Balance reserves as on 01.04.2024	8,18,812 T	854452 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	As per the last approved Mining plan dated the reserve available 858812T out of which it is proposed to produce 40000t against which 4360T produced thus the balance reserves available as on 01.04.2024 8,54,452 T		

Development

S. N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N 2666434 m to N 2666651 and E 472983 m to E 473134	Deviation in the proposed location	Violation is pointed out under rule 11(1)
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Not proposed	NA	No topsoil proposal in this period
2c	Stripping ratio or ore to OB ratio	1:0.19	1:0.80	
2d	Quantity of topsoil generation in m ³	Not proposed	NA	No top soil proposal in the year 2023-2024
2e	Quantity of overburden generation in m ³	5190	2329	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Deviation in the proposed location is observed against which Violation is pointed out under rule 11(1)		

Exploitation

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed (2023-24)	40000 TON	4360.03	
3c	Recovery of Salable/usable mineral from ROM	100%	100%	

	production			
3d	Quantity of mineral reject generation	Not proposed	NA	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	NA	
3f	Quantity of sub-grade mineral generation	Not proposed	NA	
3g	Grade of sub-grade mineral generation	Not proposed	NA	
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NA	
3j	Provision of drilling & blasting in mineral benches	Yes	As proposed	
3k	Provision of mining machineries in mineral benches	Yes	As proposed	Pr
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	yes	
3m	Total area covered under excavation /pits	1.29 ha	1.29ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.19	1:0.80	
3o	Total area put in use under different heads at the end of year	Total area-8.01ha Curent workings-1.29 Waste disposal-0.85 Plantatioan-0.61 Occupied by plant and Buildings-0.11 Non Mineralized-3.91	Total area-8.01 ha Curent workings-1.29 Waste disposal-0.85 Plantatioan-0.61 Occupied by plant and Buildings-0.11 Non Mineralized-3.91	
3p	Production of ROM mineral during last five-years period, as Applicable in lakh tonnes	2018-19	39848	19022.52
		2019-20	39893	24670.56
		2020-21	39960	8015.34
		2021-22	39960	4964.85

		2022-23	39825	6671.39	
3q	General remarks of inspecting officer on method of mining etc	Only 4360 T of Limestone produced against the proposed 40,000 T which distorting the proposals by 89% against which the violation is pointed out under Rule 11(1)			

Solid Waste Management-Dumping

S. N .	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No proposal given	No proposal given	
4b	Location of topsoil, OB & mineral reject dumps	N 2666190 -N 2666316 E 472940 - E 473000	As per the proposal	For the deviation in development violation is pointed out under Rule 11(1).
4c	Number of Dumps within lease area and outside lease area	Not Proposed	NA	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	NA	
4e	Number of Active & Alive dumps	Not Proposed	NA	
4f	Number of dead dumps	Not Proposed	NA	
4g	Number of dumps established	Not Proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NA	
4j	Number of settling ponds	Not Proposed	NA	
4k	Specific commends of inspecting officer on waste dump management	For the deviation in development violation is pointed out under Rule 11(1).		

Solid Waste Management-Backfilling

S.N .	Item	Proposals	Actual Work	Remarks
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5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	NA	
5b	Area under backfilling of mined out area	Not proposed	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NA	
5d	Total area fully reclaimed & rehabilitated	0	0	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling has not been proposed.		

Progressive Mine Closer Plan

S. N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26(2). Details should be given in the format as given in Annexure-20	Yes		Submitted along with annual return G1
6b	Management of worked/mined out benches	Not proposed	NA	
	Area available for rehabilitation (Ha)	Not proposed	NA	There is no rehabilitation proposal because of mine is under working
	Afforestation done (ha)	0.20	0.20	
	No.of saplings planted during the year	300	300	300no
	Cumulative no. of plants	Not proposed	NA	5500 no
	Any other specific method of rehabilitation	Not proposed	NA	There is no rehabilitation proposal because of mine is under working

	Cost incurred on watch & care during the year	Not proposed	NA	Rs. 25000/-
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir Any other specific means	Not proposed	NA	No reclamation done during the plan period
6d	Compliance of Rehabilitation of waste land within lease Afforestation Area rehabilitation Method of rehabilitation	Not proposed	NA	There is no rehabilitation proposal during the year
6e	Compliance of Environment monitoring (core zone & buffer zone)		Carried out	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

Mineral Conservation

S.N .	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Proposed ROM dispatch	Rom is being Dispatched.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	NA	
7c	Different grade of mineral sort out at mine	Not proposed	NA	
7d	Any beneficiation process at mines	Not proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Grade wise sorting has not been proposed and produce ROM is being dispatched to captive plant.		

Environment

S.N .	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed	NA	
8b	Concurrent use or storage of topsoil	Not proposed	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not proposed	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	300	300	
8g	Survival rate	Not proposed	NA	90%
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

Compliance of Rule 45

S.N .	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly return and Annual Return are Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Dhruv Chaturvedi Geologist : N.Pavan Kumar,	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	i) Covered under current (O/C) Workings = 1.290 ha. ii) Reclaimed & rehabilitated 0.075 ha iii) Used for waste disposal 0.850 ha. iv) (v) Occupied by plant, buildings, residential, welfare buildings & roads : 0.110 ha.			
9d	Scrutiny of Annual return on afforestation	No of trees planted within the lease 50			
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil			
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Cement Grade 800 T			
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Ex Mine Price 434.48/- Cost of production 434.48/-			
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets ₹ 14276231/-			
9k	Scrutiny of Annual return on mining Machineries	Equipment	Capacity	No of Units	
		Shovel	0.9 Cu.m	01	
		Tipper	10.00 T	03	

S.No	Violation Under Rule	Issued on	Compliance Received	SCN Issued on	Compliance Received
01	11(1)	20/08/2024	--	--	--
02	45(7)	20/08/2024	--	--	--