

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine	Jamuvalikala Limestone Mine
	Date of Inspection:	28.10.2024
	Name of Inspecting Officer	Mr. Ibrahim sharif D.COM, Jabalpur
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest Land- 0.00 Ha Non Forest Land (Barren Land)31.43 Ha Total – 31.43.22 Ha
3	Mine code	38MPR18081
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 Adani Corporate House , Shantigram Near Vaishnodevi Circle, Ahmedabad , Gujarat, Pincode: 382431
6	Village	Jamuvalikala
7	Taluka/Mandal	VIJAYRAGHAVGARH
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	16.10.1949
15	Date of Execution	03.10.1955
16	Date of opening of Mine	03.10.1955
17	Date of First Renewal, if applicable and its period & expiry	16.10.1969 to 15.10.1989
18	Date of Second Renewal, if applicable and its period & expiry	16.10.1989 to 15.10.2009, presently it is valid till 31.03.2030
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
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
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr Vaibhav Dixit Ph No- 07791019970 Date of Appointment: 03.11.2022
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Mr Arvind Bhaurao zade Ph No- 7225026281 Date of Appointment: 31-08-2024
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	1. Mr Brajesh Kumar singh Diploma in Mining with FCC. Date of Appointment:23-09-2024 Ph No- 8003195582. 2. Mr. Deepak Kumar Diploma in Mining and Mine surveying with FCC. Date of Appointment:16-09-2024 Ph No- 9752099803.

24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Mr. Avinash Rai Date of Appointment:31.08.2024 Mob:7874318734
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Letter No.- E 4178MCDR-MPOLST/4/2023- JBP-IBM_RO_JBP,Dt:18-04-2023
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Letter No.- E 4178MCDR-MPOLST/4/2023- JBP-IBM_RO_JBP,Dt:18-04-2023
27	Mineral(s) granted in lease and approved for Mining	Limestone and Clay
28	Method of Mining (Opencast, Underground)	Open Cast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	G1-31.43 Ha	G1-31.43 Ha	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No proposal	Nil	M/S Core Lifters.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	Exploration in G1 scale carried out.
1e	Balance reserves as on 01.04.2024	Reserve in 122 category 8.46 Million ton	Reserve in 122 category 8.46 Million ton	
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration in potential mineralized area has been carried out in G1 scale		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Yes development is proposed during 2023-24	Yes development is carried out as proposed during 2023-24	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Yes Separate Bench in OB is proposed	Separate OB bench is observed	
2c	Stripping ratio or ore to OB ratio (from 1.04.23 Till 20.03.24)	1:0.11	1:0.11	
2d	Quantity of topsoil generation in Ton (from 1.04.23 Till 20.03.24)	1950		
2e	Quantity of overburden generation in cum	6696	10188	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.			

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)	149850 T			
3c	Recovery of Salable/usable mineral from ROM production	100%		Nil	
3d	Quantity of mineral reject generation	Nil		Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil		Nil	
3f	Quantity of sub-grade mineral generation	Nil		Nil	
3g	Grade of sub-grade mineral generation	Nil		Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Nil		Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil		Nil	
3j	Provision of drilling & blasting in mineral benches	Yes, Deep Hole Drilling and Blasting with High explosive is proposed		Yes, Deep Hole Drilling and Blasting with High explosive is adopted	
3k	Provision of mining machineries in mineral benches	Yes, Excavator-2 cum- 1 No., Drilling Machine- 115 mm dia, Dumper- 10n T- 3 No.		Yes, Excavator-2 cum- 1 No., Drilling Machine- 115 mm dia, Dumper- 10n T- 3 No.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 6 mtrs bench height is suitable using 1.2 cum capacity excavator		Yes, Suitable	
3m	Total area covered under excavation /pits	6.5		6.5	
3n	Ore to OB ratio for the pit/mine during the year	1: 0.11		1: 0.11	
3o	Total area put in use under different heads at the end of year	12.55		12.55	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	159975 T	83414 T	
		2020-21	159975 T	0 T	
		2021-22	143714 T		
		2022-23	152213 T	-	
		2023-24	149850 T	99657 T	
3q	General remarks of inspecting officer on method of mining etc				

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	The top soil will be utilised simultaneously for plantation	The top soil will be utilised simultaneously for plantation	
4b	Location of topsoil, OB & mineral reject dumps	No proposal		
4c	Number of Dumps within lease area and outside lease area	1	1	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL	Beyond UPL	
4e	Number of Active & Alive dumps	1	1	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps established	12	11	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	One	
4k	Specific commends of inspecting officer on waste dump management			

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	0.7 Ha	No area is matured for Backfilling	Less production
5b	Area under backfilling of mined out area	0.7 Ha	No area is matured for Backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No area is matured for Backfilling		

Progressive Mine Closer 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	Yes to be submitted	Return Submitted as per Rule 23E(2)	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha) in 2023-24	No proposal	Nil	
	ii) Afforestation done (ha)	No proposal	Nil	
		No proposal		

	iii) No.of saplings planted during the year 2023-24	No proposal	Nil	
	iv) Cumulative no. of plants	No proposal	Nil	
	v) Any other specific method of rehabilitation	No proposal	Nil	
	vi) Cost incurred on watch & care during the year	No proposal	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D)m ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	i) 0.7 ii) Nil iii) Nil iv) Nil	i) Nil ii) Nil iii) Nil iv) Nil	No area is matured for Backfilling
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	No proposal	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)		Ambient Air, Water, Noise, are done in every Quarter .And Ground Vibration is done for each blast.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP report is being submitted in time, Ambient Air, Water, Noise, are done in every Quarter .And Ground Vibration is done for each blast.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Yes ROM generated is to be dispatched	Yes ROM generated is being dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Nil	Nil	
7c	Different grade of mineral sort out at mine	No proposal	NA	
7d	Any beneficiation process at mines	No proposal	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	The top soil will be utilised simultaneously for forestation.	The top soil will be utilised simultaneously for forestation.	
8b	Concurrent use or storage of topsoil	The top soil will be utilised simultaneously for forestation.	The top soil will be utilised simultaneously for forestation.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Only waste dump is proposed	Only waste dump is maintained	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No such plantation in the area however 1000 saplings to be planted	1000 saplings planted	
8g	Survival rate		90 %	
8h	Water sprinkling on roads to control airborne dust	Water Spraying to be Done by water Tanker	Water Spraying Done by water Tanker	
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 to be Submitted in time	Monthly return and Annual Return Submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Shri Akhil Chouhan, Geologist : Shri Venkateshwarlu STK, and Manager Shri Mukhesh Chand	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings 6.010 (iii) Used for waste disposal 1.570 (v) Occupied by plant, buildings, residential, welfare buildings and	

		roads 0.310 (vi) Used for any other purpose- PLANTATION- 1.55 Ha	
9d	Scrutiny of Annual return on afforestation	1000	Afforestation done inside and outside lease area
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	NA
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Nil	No Stock present at Mines
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Rs. 343	
9i	Scrutiny of Annual return on Fixed assets	Rs. 34371967	Fixed asset as submitted by Lessee
9k	Scrutiny of Annual return on mining Machineries	Excavator-2 cum- 1 No., Drilling Machine-115 mm dia, Dumper- 10 T- 3 No. Pumps- 20HP	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:-

No violation was pointed out during present inspection

Date:

Name: Ibrahim Sharief

Designation: Deputy Controller of mines