

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	UMBA (SN 65/70, 7.68.91 HA) Limestone Mine
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	Inspection for Final Mine Closure Plan
1(d)	Date of Inspection	18.09.2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 7.69 Ha Forest land - Nil Non Forest land – 7.69 Ha
3	Mine-code	38GUJ08132
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9137/2012
5	Name of the lessee, Address, phone, email and fax number	मै. आर. जे. त्रिवेदी Char Chowk Supasi , At. Supasi, Veraval Phone : 9898334298, Email – rjtrivedi9@gmail.com
6	Village	Umba
7	Taluka/Mandal	Patan-Veraval
8	District	GIR SOMNATH
9	Pin code	362 255
10	State	GUJARAT
11	Post office	Veraval
12	Nearest police station	Veraval
13	Nearest Railway station	Veraval
14	Date of Grant of Mining Lease	23.09.1974
15	Date of Execution	23/09/1994
16	Date of opening of Mine	23/09/1994
17	Date of first Renewal, if applicable and its period & expiry	23/09/2014
18	Date of second Renewal, if applicable and its period & expiry	-
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	-
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Satishbhai Ramniklal Trivedi Char Chowk Supasi , At. Supasi, Veraval Phone : 9898334298,
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Satishbhai Ramniklal Trivedi Char Chowk Supasi , At. Supasi, Veraval Phone : 9898334298,
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	-
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	-
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	MCDR-MPCP0CaFI/32/2022-GNRIBM_RO_GNR MP-425 Dated 27.09.2023
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23)(MS-456)/2008 MCCM(N)/UDP, Dated 05.05.2015 From 2015-16 to 2019-20
27	Mineral(s) granted in lease and proved for mining	Limestone

28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	A (OTFM)
30	Captive/Non Captive	Non Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2023-24)	Actual work	Remarks
1a	Backlog of previous year	7 Bore Holes, 70 m drilling	Nil	Exploration work was not carried out due to EC not granted.
1b	Exploration over lease area for Geological axis 1 or 2.	-	G1: 4.54 Ha G2: 3.15 Ha	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	3.15 Ha	Nil	-
1e	Balance reserves as on 31.03.2024 (in Metric Tonne)	111: 10,21,460 T 221: 6,88,600 T 222: 1,00,320 T Total: 18,10,380 T		-
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration work was not carried out due to EC not granted.		

2.0 Development

SN	Item	Proposals (2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	No proposal	NA	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal	NA	
2c	Stripping ratio or ore to OB ratio	1:0	NA	
2d	Quantity of topsoil generation in m ³	No proposal	NA	
2e	Quantity of overburden generation in m ³	No proposal	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	There is no proposal for top soil and overburden. Mining operation is not being carried out because Environment Clearance is not granted.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	One pit	Nil	
3b	Quantity of ROM mineral production proposed	2,00,000 T	Nil	
3c	Recovery of saleable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	No proposal	NA	
3e	Grade of mineral reject generation and threshold value declared	No proposal	NA	
3f	Quantity of sub-grade mineral generation	No proposal	NA	
3g	Grade of sub-grade mineral generation	No proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	NA	
3i	Any analysis or beneficiation study	No proposal	NA	

	proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches	No proposal	NA	
3k	Provision of mining machineries in mineral benches	Excavator:01 Tipper: 02	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench in Mineral: Height: 6m Width: 6m	Nil	No production during 2023-24
3m	Total area covered under excavation/pits	Area under mine operation: 3.9 Ha	-	-
3n	Ore to OB ratio for the pit/mine during the year	No proposal	NA	-
3o	Total area put in use under different heads at the end of year	Area under mine operation: 3.9 Ha Area under utility services: 0.44 Ha	Area under mine operation: 3.9 Ha Area under utility services: 0.44 Ha	-
3p	Production of ROM mineral during last five-year period, as applicable	2018-19: 51946 T 2019-20: 59740 T 2020-21: - 2021-22:- 2022-23: - 2023-24: 2,00,000 T	2018-19: 22,300 T 2019-20: Nil 2020-21: Nil 2021-22:Nil 2022-23: Nil 2023-24: Nil	-
3q	General remarks of inspecting officer on method of mining etc.	Mining operation and production of mineral are not being carried out because Environment Clearance is not granted. Mining lease was expired on 22.09.2024. Form D was not submitted by the lessee, therefore violation observed under Rule 21(2).		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No Proposal	NA	
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	NA	
4c	Number of dumps within lease area and outside lease area	No Proposal	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	NA	
4e	Number of active & alive dumps	No Proposal	NA	
4f	Number of dead dumps	No Proposal	NA	
4g	Number of dumps stabilised	No Proposal	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	NA	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	NA	
4j	Number of settling ponds	No Proposal	NA	
4k	Specific comments of inspecting officer	There is no proposal for top soil, overburden and waste generation in the mine and Mining operation and production of mineral are not being carried out because Environment Clearance is not granted.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	NA	
5b	Area under backfilling of mined out	No Proposal	NA	

	area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	NA	
5d	Total area fully reclaimed & rehabilitated	No Proposal	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is no proposal for top soil, overburden and waste generation in the mine and Mining operation and production of mineral are not being carried out because Environment Clearance is not granted.		

6.0 Progressive Mine Closure Plan

SN	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	Yes	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No Proposal	NA	
6c	Afforestation done (ha)	0.5 Ha	Nil	Violation observed under Rule 11(1)
6d	No. of saplings planted during the year	500	10 No.	
6e	Cumulative no. of plants	800 No.	300 No.	
6f	Any other specific method of rehabilitation	No Proposal	NA	
6g	Cost incurred on watch & care during the year	50,000/-	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	NA	
6i	ii) Void filled by waste/tailings	No Proposal	NA	
6j	iii) Afforestation on the backfilled area	No Proposal	NA	
6k	iv) Rehabilitation by making water reservoir	No Proposal	NA	
6l	v) Any other specific means	No Proposal	NA	
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No Proposal	NA	
6n	ii) Area rehabilitated (ha)	No Proposal	NA	
6o	iii) Method of rehabilitation	No Proposal	NA	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposal	NA	
6q	General remarks of inspecting officer on PMCP compliance & progressive	Proposed plantation for the year 2023-24 was not done. Therefore, violation under Rule 11(1) has been observed.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	2,00,000 T	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	NA	
7c	Different grade of mineral sorted out at mines	No Proposal	NA	
7d	Any beneficiation process at mines	No Proposal	NA	
7e	General remarks of inspecting officer on	Mining operation and production of mineral are not		

Mineral conservation & beneficiation issues	being carried out because Environment Clearance is not granted
---	--

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	NA	
8b	Concurrent use or storage of topsoil	No Proposal	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	NA	
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)	500 No.	40 No.	Violation observed under 21(4).
8g	Survival rate	80%	50%	
8h	Water sprinkling on roads to control airborne dust	Proposed water sprinkling	Nil	Mining work is not being carried out.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	FMCP proposals have not been implemented. Therefore, violation under rule 21(4) and 26(1) was observed.		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS (2023-24)	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Annual Return for the year 2023-24: Submitted on 08.08.2024 Monthly Return for the month of September submitted on 04.10.2024	-
S. N	Item	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Mines is not working
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining operation: 3.9 Ha. Building: 0.11 Ha.	-
9d	Scrutiny of Annual return on afforestation	40 No.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No mineral reject generation	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No closing stock of ROM	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	No dispatch during the year 2023-24.	-
9i	Scrutiny of Annual return on fixed assets	No fixed asset	-
9k	Scrutiny of Annual return on mining machineries	-	-

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Following Violations are observed under various Rules provisions of MCDR, 2017.

नियम स.	<u>पाए गए उल्लंघन की विस्तृत प्रकृति</u>
---------	--

21(2)	<p>The holder of a mining lease shall send to the authorised officer, as the case may be, a notice in Form D of the Schedule of his intention to abandon a mine so as to reach them at least ninety days before the intended date of such abandonment, which shall be accompanied by plans and sections on a scale as specified in rule 31 setting forth accurately the work done in the mine up to the time of submission of the notice including the measures envisaged for the protection of the abandoned mine or part thereof, the approaches thereto and the environment.</p> <p>In your case, it is found that you have not submitted the Form D along with requisite plans and sections etc.</p>
21(4)	<p>The holder of a mining lease shall not abandon a mine unless a final mine closure plan duly approved by the competent authority, is implemented, and for this purpose, the lessee shall be required to obtain a certificate from the authorised officer, as the case may be, to the effect that protective, reclamation and rehabilitation work in accordance with the final mine closure plan or with such modifications as approved by the competent authority have been carried out before abandonment of mine.</p> <p>In your case, the proposals of approved Final Mine Closure Plan have not found implemented.</p>
26(1)	<p>The holder of a mining lease shall have the responsibility to ensure that the protective measures including reclamation and rehabilitation works have been carried out in accordance with the approved mine closure plan or with such modifications as approved by the competent authority but in your case the proposals of FMCP have not been implemented mainly to the following extent;</p> <p>(i) According to point No.5.2 of the approved final mine closure plan, it was proposed to plant 800 No. plants during the year 2024-25 (22.09.2024) but at the time of inspection it was found that proposed plantation has not been carried out.</p> <p>(ii) According to point No. 5.2 of the approved final mine closure plan, it was proposed to carry out 2314 m barbered wire-fencing around pit & plantation during the year 2024-25 (22.09.2024) but at the time of inspection it was found that proposed fencing has not been carried out.</p>

सुनील कुमार शर्मा/ Sunil Kumar Sharma

वरिष्ठ सहायक खान नियंत्रक/ Senior Assistant Controller of Mines