

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Dhruvala Limestone Mine, Survey No-119/P
1(b)	Name of Inspecting Officer & Designation	Sanjay M. Girhe, Sr. Mining Geologist
1(c)	Accompanying Mines Representatives	Shri Valjibhai Odedara, Lessee & Shri Deepak Gaur, QP
1(d)	Type of Inspection	Review of Mining Plan with PMCP
1(e)	Date of Inspection	26.10.18
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.00 Ha, Non-forest.
3	Mine Code	38GUJ21082
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/12338/2012
5	Name of the lessee, Address, phone, email and fax number	Dhruvala Limestone Mine (Non Captive Mine) Village-Rakka, At Post-Khad Khambhaliya, Taluka-Lalpur, District-Jamnagar-361012 Mobile No-9909217537 Email:aloescinecebiotech@gmail.com
6	Village	Dhruvala
7	Taluka/Mandal	Dhruvala
8	District	Porbandar
9	Pin code	362275
10	State	Gujarat
11	Post office	Kutiyana
12	Nearest police station	Kutiyana
13	Nearest Railway station	Porbandar
14	Date of Grant of Mining Lease	27.03.2003
15	Date of Execution	16.06.2003
16	Date of opening of Mine	In the year 2003-04
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable as ML validity is up to 15.06.2023
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable as ML validity is up to 15.06.2023
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable as ML validity is up to 15.06.2023
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Valjibhai Lakhmanbhai Odedara Dhruvala Limestone Mine (Non Captive Mine) Village-Rakka, At Post-Khad Khambhaliya, Taluka-Lalpur, District-Jamnagar-361012 Mobile No-9909217537 Email:aloescinecebiotech@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA - Mine is non-operational since 2011
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA - Mine is non-operational since 2011
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA - Mine is non-operational since 2011
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA - Mine is non-operational since 2011

25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter No-682(23)(245)/2002 MCCM (N)UDP 05.02.2003,(2003-04 to 2007-08) , No any specific conditions.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
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)	OTFM
30	Captive/Non Captive	Non-Captive

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

1.0 Exploration

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
1a	Backlog of previous year	No backlog	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposals	Not done	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposals	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposals	NA	
1e	Balance reserves as on 01.04.2018	No Proposals	In Million tones Proved-0.016Million Probable-0.062	
1f	General remarks of inspecting officer on geology, exploration etc.	Mine is non-operational since 2011. Out of total ML area about 0.90Ha is already explored by way working pits		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	No Proposal	Not Applicable	Mine has been non-operational 2011 due to non-grant of EC
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	No OB encountered in ML area Bench height-3-4mts in mineral	
2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	
2d	Quantity of topsoil generation in m ³	No Proposal	Nil	
2e	Quantity of overburden generation in m ³	No Proposal	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	In the past deposit worked systematically by forming single bench of 3-4m height.		

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	No Proposal	Nil. Two old working pits of	Mine has been non-operational 2011 due to non-grant of EC
3b	Quantity of ROM mineral production proposed	No Proposal	Nil	
3c	Recovery of salable/usable mineral from ROM production	No Proposal	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	

3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	Mine has been non-operational 2011 due to non-grant of EC. After last approved SOM/MP no further document was submitted for which violation of Rule 11(4) was pointed out & VL issued on 07/09/2017
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Semi-Mechanized	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	NA	
3j	Provision of drilling & blasting in mineral benches	No Proposal	NA	
3k	Provision of mining machineries in mineral benches	No Proposal		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No overburden so no any bench in overburden,	NA	
3m	Total area covered under excavation/pits	0.90 Ha	0.90 Ha	
3n	Ore to OB ratio for the pit/mine during the year	NA	NA	
3o	Total area put in use under different heads at the end of year		Pit-0.9059 Ha Roads-0.0105Ha Remaining lease area-1.0836 Total-2.0Ha	
3p	Production of ROM mineral during last five-year period, as applicable	No Proposal	Yr-2014-15- Nil Yr-2015-16- Nil Yr-2016-17- Nil Yr-2017-18- Nil	
3q	General remarks of inspecting officer on method of mining etc.	Conventional open cast mining (OTFM) method was adopted in past when mine was working.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Proposed	No OB in area, separate stacking of undersize limestone was practiced.	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	No OB dump in ML area	
4c	Number of dumps within lease area and outside lease area	Not Proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Nil	
4e	Number of active & alive dumps	Not Proposed	Nil	
4f	Number of dead dumps	Not Proposed	Nil	
4g	Number of dumps stabilized	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer	Mine has been non-operational 2011 due to non-grant of EC. For last 5 yrs there was no valid approved MP/SOM.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	As of now no mineral is exhausted in any working pits	
5b	Area under backfilling of mined out area	No Proposal	As of now no mineral is exhausted in any working pits.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Very thin layer of top soil encountered which proposed to be scraped & used for plantation.	
5d	Total area fully reclaimed & rehabilitated	No Proposal	As of now no mineral is exhausted in any working pits. Hence it is not applicable.	
5e	General remarks of inspecting officer on backfilling, reclamation etc	As of now, mineral not exhausted in any working hence backfilling or reclamation is not applicable.		

6.0 Progressive Mine Closure Plan-

SN	Item	Proposals (2017-18)	Actual work (2017-18)	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 every year in stipulated time	Not submitted	After last approved SOM/MP no further document was submitted for which violation of Rule 11(4) was pointed out & VL issued on 07/09/2017
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	No Proposals	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	No Proposals	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Metho of rehabilitation	No Proposals	Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposals	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mine is non-operational since 2011 due to non-grant of EC. No PMCP working carried out by the lessee in the past.		

7.0 Mineral Conservation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposals	No dispatched, grade wise sorting by manual means was practiced.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Grade-wise mineral sorting by manual means.	
7c	Different grade of mineral sorted out at	Chemical	Chemical grade of	

	mines	Grade	Limestone sorted by manually.	
7d	Any beneficiation process at mines	No beneficiation.	No dispatched, grade wise sorting by manual means was practiced	

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Very thin layer of top soil encountered which proposed to be scraped & used for plantation.	
8b	Concurrent use or storage of topsoil	No proposal	Very thin layer of top soil encountered which proposed to be scraped & used for plantation.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	No OB encountered in the lease area.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	As of now no mineral is exhausted in any working pits. Hence it is not applicable.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal.	NA	
8g	Survival rate		NA	
8h	Water sprinkling on roads to control airborne dust	No proposal.	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mine is non-operational since 2011 due to non-grant of EC. No Environmental protective measures carried out by the lessee in the past.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	M.R. not submitted upto -Sept- 2018 A.R. not submitted for year -2017-2018.	

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	NA	NA	Violations for non-submission of Monthly & Annual returns pointed out & violations letter issued to the party.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	
9d	Scrutiny of Annual return on afforestation	NA	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA	NA	
9i	Scrutiny of Annual return on fixed assets	NA	NA	
9k	Scrutiny of Annual return on mining machineries	NA	NA	

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

As per the office records, no details found in respect of last inspection . This inspection was carried out for examination of Review of mining plan and violations of rules 28(1), 45(1) and 45(5)(b) and 45(5)(b) were observed and accordingly violation letter was issued on 13/12/2018. Further, based on the office records violation of rules 27(1) was observed & violation/show letters was issued and due non-compliance of rule 27(1) of MCDR,2017 mine was suspended on 30.11.2018.
