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**MCDR INSPECTION INFORMATION SHEET**

**1.0 GENERAL**

SN	Particulars	Details
1(a)	Name of the Mine	<b>Dhruvala Limestone Mine.</b>
1(b)	Name of Inspecting Officer & Designation	R.Majumder, RMG
1(c)	Accompanying Mines Representatives	Sh. J.D.Bhai & Sh Maulik (QP)
1(d)	Type of Inspection	MCDR INSPECTION
1(e)	Date of Inspection	08-07-2021
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.00 Hectares
3	Mine code	8GUJ21082
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/12338/2012
5	Name of the lessee, Address, phone, email and fax number	VAJSHIBHAI LAKHAMANBHAI ODEDARA
6	Village	Dhruvala
7	Taluka/Mandal	Kutiyana
8	District	Porbandar
9	Pin code	362650
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	20/06/2003
17	Date of first Renewal, if applicable and its period & expiry	-
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	Vajshibhai Lakhmanbhai Odedara At Post - Maruti Park, Mal, Taluka - Kutiyana, District - Porbandar (Guj.) PIN- 362650 Date of Appointment.- 20/06/2003
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NIL
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NIL
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NIL (violation of rule 55(1) (3) (c) has been pointed out)
4	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56&57.	NIL (violation of rule 55(1) (3) (c) has been pointed out)
	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	12/12/2018
	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	12/12/2018
	Mineral(s) granted in lease and proved for mining	Limestone
	Method of Mining(Opencast, Underground)	Opencast.
	Category (Fully Mechanised, Others or Manual)	Mechanised
	Captive/Non Captive	Non Captive

*Majumder*  
28.7.21

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

**Exploration**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
1a	Backlog of previous year	No backlog	No backlog	The existence of limestone laterally and depth wise is exposed.
1b	Exploration over lease area for Geological axis 1 or 2.	Not Proposed	No work done	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned	No work done	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	No work done	
1e	Balance reserves as on 01.04.2021	---	3.80.832MT	
1f	General remarks of inspecting officer on geology, exploration etc.	The existence of limestone laterally and depth wise is exposed.		

**2.0 Development**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area	Not Proposed	No work done	No development work has been carried out as the mine was not under working.
2b	Separate benches in topsoil, overburden, and mineral	Not Proposed	No work done	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m <sup>3</sup>	Not Proposed	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	Not Proposed	No work done	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No development work has been carried out as the mine was not under working.		

**3.0 Exploitation**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
3a	Number of pits proposed for production	Single Pit	No work Done	
3b	Quantity of ROM mineral production proposed	15000 tonnes	No work Done	
3c	Recovery of salable usable mineral from ROM production	750 tonnes	No work Done	
3d	Quantity of mineral reject generation	750 tonnes	No work Done	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	No work Done	
3f	Quantity of sub-grade mineral generation	750 tonnes	No work Done	
3g	Grade of sub-grade mineral generation	Not Proposed	No work Done	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	No work Done	
	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	No work Done	
	Provision of drilling & blasting in mineral benches	Not Proposed	Not practiced.	
	Provision of mining machineries in mineral benches	Not Proposed	As per proposal as when required.	
	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	No work Done	
	Total area covered under excavation/pits	--	0.789 ha	
	Ore to OB ratio for the pit/mine during the year	1:0	No work Done	

at the end of year		0.809 ha			
5q	Production of ROM mineral during last five-year period, as applicable	2018-19	10,000	2018-19	0.0
		2019-20	20,000	2019-20	35,292.79
		2020-21	15,000	2020-21	0.00
		2021-22	15,000	2021-22	0.00
		2022-23	17,800	2022-23	0.00
General remarks of inspecting officer on method of mining etc.		No production carried out in the year 2020-21.			

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not Proposed	No work done	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	No work done	
4c	Number of dumps within lease area and outside lease area	Not Proposed	No work done	
4d	Location of dumps w.r.t. ultimate pit limit	Not Proposed	No work done	
4e	Number of active & alive dumps	Nil	As per proposal	
4f	Number of dead dumps	Nil	As per proposal	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	No work done	
4i	Length of Retaining wall or garland drain all along dump	NA	NA	
4j	Number of settling ponds	Not Proposed	No work done	
4k	Specific comments of inspecting officer	No waste encountered. The mine was not under working.		

#### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed	No such area available	Mineral exhausted area not available.
5b	Area under backfilling of mined out area	Not Proposed	No such area available	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Not Proposed	No top soil encountered	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	No such area available	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No back-filling work has been carried out.		

#### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2020-21)	Actual work (2020-21)	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.	Proposed	Annual report not submitted to IBM.	Violation of rule 26(2) has been pointed out.
6b	Management of worked/mined out benches	Proposed	No work done	
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)	0.08 ha	No work done	

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	iii) No. of saplings planted during the year	150	No work done
	iv) Cumulative no. of plants	450	Poor survival
	v) Any other specific method of rehabilitation	Not Proposed	Not applicable
	vi) Cost incurred on watch & care during the year	70600 INR	Not reported
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	Not Proposed	Not done
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not Proposed	Not done
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Done in May 2020
6f	General remarks of inspecting officer on PMCP compliance & progressive	Due to non-submission of PMCP annual report to IBM violation of rule 26(2) has been pointed out.	

### 7.0 Mineral Conservation

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Proposed	Not done	No such work has been carried out.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	Not done	
7c	Different grade of mineral sorted out at mines	Not Proposed	Not done	
7d	Any beneficiation process at mines	Not Proposed	Not done	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Size sorting	No work done	

### 8.0 Environment

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil	Not Proposed	Not encountered	Violation pointed out
8b	Concurrent use or storage of topsoil	Not Proposed	Not encountered	
8c	Separate dumps for overburden, waste rock, rejects and fines	Not Proposed	Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	No work done	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not applicable	
8f	Baseline information on existence of plantation & additional plantation done	Not Proposed	No Plantation done	
8g	Survival rate	--	No Plantation done	
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Environment in and around the mine was good during the inspection.		

9.0 Compliance of Rule 45

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S.N.	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	AR of 2020-21 has been submitted and MR of June'21 has been submitted.		-
	Item	Details GIVEN in A.R.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not mentioned	Observation of Officer	Remarks
			Violation pointed in this regard.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given	--	
9d	Scrutiny of Annual return on afforestation	Not mentioned	No Plantation done	Violation pointed out
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not mentioned	No work done	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM – nil, Stock – 5500 tonnes of cement grade 1st.	Reported in AR	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost		No production & despatch reported	
9i	Scrutiny of Annual return on fixed assets	Not given	Violation pointed out	
9k	Scrutiny of Annual return on mining machineries	Not mentioned	No work done	

While scrutiny of annual return for the financial year 2020-21 following discrepancies are observed.

- (1) Part-I, Sr.No.3 Address of the lessee is not matching with the last approved review mining plan. Needs correction.
- (2) Part-I, Sr.No.6, 7 & 8 Name of Agent, Geologist and Mining Engineer has not given.
- (3) Part-II, Graduate Mining Engineer and Geologist (whole time) have not been mentioned in this section.
- (4) Part-IIA, Value of fixed assets, rents, capital expenditures has not mentioned. Needs to mentioned & justified.

Part-III, Quantity & Cost of Diesel oil, Electricity consumed, Tyres etc. needs to be mentioned. & overheads costs, maintenance costs are shown zero which is incorrect. This needs to be corrected /justified.

While scrutiny of Monthly Return June 2021 following discrepancies are observed:

- Closing stock in MR of June'21 5,500 tonnes of cement grade limestone which is tallying tentatively with the actual field position as observed during field inspection.
- No deductions have been claimed.

- 10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-
- During the present inspection on dated 8.7.2021 violations pointed out of MCDR rule 11(1), 26(2), 33, 45(7) and 55(1)(3)(c).

*R. Majumder*  
28.7.2021  
R. Majumder  
RMG

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