

## Regional office: Gandhinagar

File no: GUJ/JUNA/ LST-316

### MCDR INSPECTION REPORT

Inspecting officer: Dr. N K Mathur, AMG, Gandhinagar

Inspection date: 13.12.2018, Type of Inspection: Review of Mining Plan

#### 1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Budhecha Limestone
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.2796 Hect (NON-FOREST LAND) ( S.No. 113/P)
3	Mine code	<b>38GUJ08357</b>
4	IBM Registration Number under rule 45 of MCDR, 1988	<b>IBM/15371/2013</b>
5	Name of the lessee, Address, phone, email and fax number	Sh. Sulemanbhai Mohammed Patel Sukan Society, Near S. T. Station, Shahpur Road, Opp. Bus Stand, Taluka Mangrol, District Junagadh-362225, Gujarat. Mobile No.-+91-9904128441 Email: <a href="mailto:gokulent@yahoo.com">gokulent@yahoo.com</a>
6	Village	Budhecha
7	Taluka/Mandal	Maliya Hatina
8	District	Junagadh
9	Pincode	360575
10	State	Gujarat
11	Post office	Budhecha
12	Nearest police station	Budhecha
13	Nearest Railway station	Chorwad is at a distance of 10 Km. from lease area
14	Date of Grant of Mining Lease	01.09.2012
15	Date of Execution	28.01.2013
16	Date of opening of Mine	01.04.2013 (Opening Date)
17	Date of first Renewal, if applicable and its period & expiry	Expiry date: 27.01.2063 under MMDR Amendment Act 2015.
18	Date of second Renewal, if applicable and its period & expiry	NA
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	The lessee is Pvt. Individual
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
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	NA
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682 (23) (800) / 2012-MCCM(N) UDP dt-02.08.2012
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Nil”
27	Mineral(s) granted in lease and proved for mining	LIMESTONE
28	Method of Mining(Open cast, Underground)	Open cast Working
29	Category (Fully Mechanised, Others or Manual)	Other than fully mechanised (OTFM) “A”
30	Captive/Non Captive	NON Captive

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

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
1a	Backlog of previous year	Nil	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	5 core bore hole carried out	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee & Nil	Lessee & Rs. 1,36,500	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	NA	
1e	Balance reserves as on 01.04.2018		(111)409591 (121)103076 (211)26715 (221)67567 (333)32876	639825 Cement grade
1f	General remarks of inspecting officer on geology, exploration etc.	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 18.01.2019 for rectification.		

## 2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	Pit no. 1. M-M' & N-N' and P-P' Proposed Mining upto 23.0mRL	As proposed, Mining done up to level 29m	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No OB	No OB	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

## 3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	One pit	One pit	-
3b	Quantity of ROM mineral production proposed	56230 tonne	86721 tonne	-
3c	Recovery of salable/usable mineral from ROM production	52,856 MT (94% of ROM)	81,518 MT (94% of ROM)	-
3d	Quantity of mineral reject generation	3374 MT (6% of ROM)	5203 MT (6% of ROM)	Undersized limestone stacked in the mine
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	5203 tonne	
3g	Grade of sub-grade mineral generation	No Proposal	Cement grade	
3h	Manual / Mechanised method adopted for segregating from ROM	Semi Mechanised	Semi Mechanised	-

3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Not applicable	
3j	Provision of drilling & blasting in mineral benches	Not required	Not required	
3k	Provision of mining machineries in mineral benches	Excavator-01 & Tipper-02	Excavator-01 & Tipper-02	
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	2.43	1.72	
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	3.1396	Pit-1.72 ha Road – 0.19 ha Plantation - 0.12 ha	
3p	Production of ROM mineral during last five-year period, as applicable ( Tonne)	(2013-14)-56190 (2014-15)-56229 (2015-16)-56247 (2016-17)-56230 (2017-18)-0	Nil 76343 25469 11905 86721	
3q	General remarks of inspecting officer on method of mining etc.	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

#### **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)	Lease area devoid of any OB & only undersized limestone dump in the mine	Lease area devoid of any OB & only undersized limestone dump in the mine	No OB & reject
4b	Location of topsoil, OB & mineral	No proposal	Nil	

	reject dumps			
4c	Number of dumps within lease area and outside lease area	No Proposal	Within the lease	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Outside UPL	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	No Proposal	No Proposal	
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	One garland drain constructed 26m.	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Length of wire fencing -40 mt.	
4j	Number of settling ponds	No Proposal	Mining Pits is being utilised as settling ponds	
4k	Specific comments of inspecting officer	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

### **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	No Proposal	
5b	Area under backfilling of mined out area	No proposal	0.046 Ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	No Proposal	
5d	Total area fully reclaimed & rehabilitated	No Proposal	No Proposal	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

### **6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
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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.	As per Proposal submitted	Not Submitted by hard copy on 20 <sup>th</sup> July 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 Proposal	No Proposal	
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 (Fencing)	Nil  Nil  Nil  Nil Fencing - 40 Meter	Nil  Nil  Nil  Nil Fencing - 40 Meter	Working temporarily discontinued for the want of statutory clearance
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Air - 01 Water - 01 Noise - 01	Air - 02 Water - 01 Noise - 02	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Nil	No information	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

## 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	NA	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	Cement	Cement	
7d	Any beneficiation process at mines	NA	No	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

## 8.0 Environment

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	NA	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plantation will be done on non-mineralization area & in statutory barrier. The species Neem, Sagwan, Banyan, Pilu, Baval etc. and other local species will be planted.	Local species has been planted on the pit boundary and post plantation care such as watering and manuring etc. Being done.	
8g	Survival rate	80%	80%	

8h	Water sprinkling on roads to control airborne dust	Water to be sprinkled on the haul road to suppress the dust being getting airborne	Mobile water tankers have been deployed for the purpose.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.		

### 9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	On line monthly & annual returns is not submitted	

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		Return not submitted	Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 18.01.2019 for rectification.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

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

Violation under provision of rules 11(1), 26(2), 33, 45(5) (b) & 45(5) (c) pointed out on dt. 20.01.2019 for rectification.

Place Gandhinagarr

Name: Dr N. K. Mathur

Signature

Date 25-01-2019

Designation: AMG