

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BGM/LST-25/GOA

**Mine code :** 38KAR02031

- (i) Name of the Inspecting : **VT01** ) **VIDYADHAR V.TARI**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : S/SHRI. T.D.KENCHAREDDY, LESSEE & SADANAND D.NAIK, PE  
Official with  
Designation
- (iv) Date of Inspection : 29-JUN-21
- (v) Prev.inspection date : 14-DEC-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KAMKERI (ML NO 2501)**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : BELGAUM
- Village : Halki
- Taluka : Mudhol
- Post office : Ningapur
- Pin Code : 993
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : RAMDURGA
- (g) **First opening date** : 02-NOV-05
- (h) **Weekly day of rest** :
2. **Address for correspondance** : Kamakeri Liimestone Mine of Shri B.D.Kenchreddy  
At-Kamkeri, Tq-Ramdurga  
Dist- Belgaum, Karnataka
3. (a) **Lease Number** : KAR1364
- (b) **Lease area** : 4.46
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 04-JUL-23
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : BASAPPA DUNDAPPA KENCHAREDDY  
 HALKI VILLAGE POST NINGAPUR  
 TALUKA MUDHOL BAGALKOT  
 KARNATAKA  
 Phone:  
 FAX :

Owner : BASAPPA DUNDAPPA KENCHAREDDY  
 At-Halki, Post-Ningapur Tq-  
 Mudhol Dist-Bagalkot  
 BAGALKOT KARNATAKA  
 Phone: 08350-244027  
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	21-JAN-04
Plan/Scheme of Mining		Modif.of approved Mining Plan	26-APR-10
		Mining Scheme rule 12 MCDR1988	10-APR-12
		Mining Scheme rule 12 MCDR1988	18-NOV-15
		MP review under 17(1) MCR 2016	24-JAN-20

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	06 Core boreholes were reported drilled by lessee in the year 2019
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposal is given for the year 2020-21.	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal during 2020-21	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	The entire lease area is covered under Geological axis 1 or 2
1e	Balance reserve as on 01/04/20		Total Reserves of Limestone is 2.2 Million Tonnes	As on 01.04.2021
1f	General remarks of inspecting officers on geology, exploration etc			No exploration proposal is given for the year 2020-21. Entire lease area is covered under Geological axis 1 or 2

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1791061 to N1791177, E527536 to E527588	No change in development location	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in overburden and mineral is proposed	Found to be maintained	Three nos. of benches are observed
2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.06	
2d	Quantity of topsoil generation in m3	5736 m3	Nil	

2e	Quantity of overburden generation in m3	1020 m3	116.27 m3	BD 2.58 t / m3
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mining operations were not carried as per the proposals. Violation of Rule 11(1) is pointed out to lessee.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit	As per the proposal, only single pit is available / present	
3b	Quantity of ROM mineral production proposed	50000 tonnes	5000 tonnes	Due to lack of market demand & COVID'19 situation as stated by the lessee.
3c	Recovery of sailable/usable mineral from ROM production	95%	95%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects 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 / Mechanised method adopted for segregating from ROM	Manual Mining	Manual Mining	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	

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3j	Provision of drilling and blasting in mineral benches	Proposed Jack Hammer drilling & blasting	Jack Hammer drilling and blasting by using slurry explosives	
3k	Provision of mining machineries in mineral benches	Not proposed	Nil	Manual Mining is being carried out
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of the benches proposed is 3m	3m bench height is observed to be maintained	
3m	Total area covered under excavation/pits	2.2 Ha	2.2 Ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	1:0.05	
3o	Total area put in use under different heads at the end of year	Total 3.00 Ha. as per the approved RMP (plan period ending 2024-25)	Total 2.20 Ha. at the start of plan period i.e. 2020-21	
3p	Production of ROM mineral during the last five year period as applicable	16-17 = 50000 Tons 17-18 = 50000 Tons 18-19 = 50000 Tons 19-20 = 50000 Tons 20-21 = 50000 Tons	16-17 = 50000 Tons 17-18 = 50000 Tons 18-19 = 7000 Tons 19-20 = Nil 20-21 = 5000 Tons	
3q	General remarks of inspecting officers on method of mining etc.			During 2020-21, only 5000 tons of production from mine is reported against the target of 50000 tons. However, lessee has dispatched 18207.700 tons of Limestone from the available old stock. Violation of Rule 11(1) is pointed out to lessee.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separately dumping of Topsoil and Overburden is proposed	Separate dumping of OB is being done	
4b	Location of topsoil, OB and mineral reject dumps	Waste / Overburden dumping is proposed in the Western side of the lease area.	Waste / Overburden dump is located in the Western side of the lease area	Temporary Dump
4c	Number of dumps within lease area and outside of lease area	Dumping of waste is temporarily proposed within lease area in two terraces	Dump is located within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Proposed within UPL (Western side)	Temporary dump is located within UPL	
4e	Number of active and alive dumps.	01	01	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Yes	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			waste/overburden dump was observed in Western side of the lease area. Retaining wall and garland drain is constructed all along.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Backfilling is not proposed	Nil	No part of the lease area has matured for backfilling
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Backfilling / Reclamation has not been envisaged since mineral has not been exhausted from any part of the lease area.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Before 1st July every year	Not Submitted	Violation issued in this regard
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	
6c	afforestation done (ha).	0.040 Ha	50 plants reported planted during 2020-21 within lease area with 90% survival rate	
6d	No. of saplings planted during the year	100 plants proposed	50 plants reported planted during 2020-21 within lease area with 90% survival rate	

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6e	Cumulative no .of plants	500 plants proposed during plan period from 2020-21 to 2024-25	
6f	Any other method of rehabilitation	No proposal	Not applicable
6g	Cost incurred on watch and care during the year		
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not applicable	Not applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not applicable	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	100 plants proposed	50 plants reported planted during 2020-21 within lease area with 90% survival rate



6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Along M.L.Boundary in 7.5m. safety zone	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	By plantation	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring is done by private consultant	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mineral has not been exhausted from the pit hence backfilling / reclamation and rehabilitation has not been envisaged

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM / Gradewise dispatch proposed after sizing and manual sorting.	ROM dispatched after sizing and manual sorting.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Yes	Different grade of mineral sorted out at mines	
7d	Any beneficiation process at mines	No Proposal	Nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	During 2020-21, BF Grade limestone / mineral was dispatched after manual sizing and sorting as per the requirement
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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	During 2020-21, 10325 tons of topsoil was proposed to be handled.	Nil	
8b	Concurrent use or storage of topsoil	Proposed for bund formation and plantation	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dump for OB/Waste	Separate dump for OB/Waste is maintained.	
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	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Proposed	50 plants reported planted during 2020-21 within lease area with 90% survival rate	
8g	Survival rate	Not specified	90%	

8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling is being carried out on haul roads on regular basis	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty around the mining area is good and impact on environment due to mining is less due to small scale manual mining operation.

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#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		M.R. Submitted up to May'2021 & A.R. Submitted up to 2020-2021	Submitted within time limit.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Mining Engineer is indicated	Manager and Mining Geologist is appointed.	No Mining Engineer is appointed. Violation issued in this regard
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished in Annual Return	Mining : 2.0 Ha. Dump/Waste disposal : 0.20 Ha. Residential, roads etc.: 0.70 Ha.	
9d	Scrutiny of Annual return on afforestation	100 plants proposed	50 plants reported to be planted during 2020-21 within lease area with 90% survival rate	Violation issued in this regard
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock ROM = Nil, Graded Ore (BF Grade) = 30409.745 tons	Closing Stock ROM = Nil, Graded Ore (BF Grade) = 30409.745 tons	Graded stock is as per the Annual Return submitted for the year 2020-21

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex- Mine Price for BF Grade Limestone is reported as Rs. 497.61 per tonne and Production Cost is Rs. 347.00 per tonne	Ex- Mine Price for BF Grade Limestone is reported as Rs. 497.61 per tonne and Production Cost is Rs. 347.00 per tonne	As per the Annual Return submitted for the year 2020-21
9h	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries	1 No. Air Compressor	Information on mining machinery is furnished	

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**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	16-JUL-21			
MCDR17	Rule 26(2)	16-JUL-21			
MCDR17	Rule 55(1)(3)	16-JUL-21			

**Date :**

(VIDYADHAR V.TARI)

Indian Bureau of Mines