

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

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-105/GOA

**Mine code :** 38KAR26088

- (i) Name of the Inspecting : **SP01** ) **SURESH PRASAD**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SHRI.V.R.MATHAD, LESSEE**  
Official with  
Designation
- (iv) Date of Inspection : 09-DEC-20
- (v) Prev.inspection date : 04-MAR-20

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MUDDAPUR LIME & DOL MINE**
- (b) **Registration NO.** : **IBM/865/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : KARNATAKA  
District : BAGALKOT  
Village : MUDDAPUR  
Taluka : MUDHOL  
Post office :  
Pin Code : 587122  
FAX No. :  
E-mail : rkt.rkm60@yahoo.com  
Phone : 9448127238,9845531062
- (f) Police Station :
- (g) First opening date : 16-OCT-14
- (h) Weekly day of rest : SUN
2. Address for : VILLAGE-MUDDAPUR,  
correspondance : TALUKA-MUDHOL,  
DISTRICT-BAGALKOT, KARNATAKA-587122.
3. (a) Lease Number : KAR1564
- (b) Lease area : 4.85
- (c) Period of lease : 20
- (d) Date of Expiry : 22-DEC-28
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : VEERENDRA R. MATHAD  
Bin R.K.Mathad Near  
Daneshwari Math Lokapur,  
Tq- Mudhol BAGALKOT  
KARNATAKA  
Phone:09448127238  
FAX :

Owner : V.R.MATHAD  
AT & PO- LOKAPUR TQ-MUDHOL  
BAGALKOT KARNATAKA  
Phone:  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	01-FEB-08
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	30-AUG-11
	:	MP modif under 17(3) MCR 2016	05-APR-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Backlog	NIL	Entire area is covered under G1 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	G-1 Level	G-1 Level	Entire area is covered under G1 level of exploration.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	
1e	Balance reserve as on 01/04/20	As per approved MMP as on 15.03.2019 Under 111 category:- 2832073 te	As per Annual return 2019-20:- Under 111 category 2822655 te	
1f	General remarks of inspecting officers on geology, exploration etc		Entire mineralized area has developed and covered under G1 level of exploration.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1791189 to 1791292 E531041 to 531114	N1791189 to 1791252 E531041 to 531114	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.11	1:0.05	
2d	Quantity of topsoil generation in m3	No proposal	NIL	
2e	Quantity of overburden generation in m3	974 CUM	475	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No top soil proposed & achieved during the year 2019-20. The reject /waste (intercalated waste) handling is very less therefore no separate benches are developed.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	22787.00 Te	9418.00 Te	Manual mining operation.
3c	Recovery of sailable/usable mineral from ROM production	22787.00 Te	9418.00 Te	Less due to low market demand as reported.
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	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	
3j	Provision of drilling and blasting in mineral benches	Jack H Drilling and Blasting with Slurry Explosive and ED	Jack H Drilling and Blasting with Slurry Explosive and ED	

3k	Provision of mining machineries in mineral benches	No proposal	Not reported	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3Mtr	3Mtr	
3m	Total area covered under excavation/pits	As per approved MMP:- 1.89 Ha	As per AR 2019-20:- 1.70 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.11	1:0.08	
3o	Total area put in use under different heads at the end of year	As per approved MMP:- O/C: 1.89 Ha Top Soil : 0.25 Ha Building & Road: 0.02 Ha As per approved MMP:- O/C: 1.89 Ha Top Soil : 0.25 Ha Building & Road: 0.02 Ha	As per AR 2019-20:- O/C: 1.700 Ha Top Soil: 0.25 Ha Building & Road: 0.02 Ha	
3p	Production of ROM mineral during the last five year period as applicable	2015-16- 22787.000 2016-17- 22787.000 2017-18- 22787.000 2018-19- 22787.000 2019-20- 22787.000	2015-16- 22787.000 2016-17- 22787.000 2017-18- 22787.000 2018-19- 20750.000 2019-20 - 9418.000	Unit:- Tonnes Data are as per approved MMP & AR 2019-20.
3q	General remarks of inspecting officers on method of mining etc.		Mine is proposed & reportedly operated with manual operation with jack hammer drilling.	

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal for dumping, materials to be used for road repair and bund formation	Not achieved for dump, materials to be used for road repair and bund formation	Very small scale waste generation.
4b	Location of topsoil, OB and mineral reject dumps	No proposal	NIL	Waste generation is very less.
4c	Number of dumps within lease area and outside of lease area	Lease area = 0 Non Lease area = 0	Lease area = 0 Non Lease area = 0	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
4e	Number of active and alive dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposal	NIL	
4i	Length of Retaining wall or garland drain all along dumps	No Proposal	NIL	
4k	Specific comments of inspecting officer on waste dump management			As Waste generation is very less. No any dump formation is made/established.

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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal	NIL	Mineral is not exhausted from the pit.
5b	Area under backfilling of mined out area	No proposal	NIL	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	NIL
5d	Total area fully reclaimed and rehabilitated	No proposal	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.		As Mineral is not exhausted from the pit. Bckfilling/ reclamation is not envisioned.

#### 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).	To be submitted on or before 01.july.	Yes	
6b	Area available for rehabilitation (ha) .	NIL	NIL	As Mineral is not exhausted from the pit. Bckfilling/ reclamation is not envisioned.
6c	afforestation done (ha).	0.09 Ha	0.09 Ha	for green belt developement
6f	Any other method of rehabilitation	NIL	NIL	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	NIL	As Mineral is not exhausted from the pit. Bckfilling/ reclamation is not envisioned.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	nil	nil	

6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	Yes
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Satisfactory as Mineral is not exhausted from the pit. Bckfilling/ reclamation is not envisioned.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	Yes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	BF & Cement Grade	BF & Cement Grade	
7d	Any beneficiation process at mines	No	No	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		No beneficiation. ROM Mineral is being segregated manually.	

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	

8b	Concurrent use or storage of topsoil	NIL	NIL	Not reported in the year 2019-20
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	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	90 Nos	90 Nos	
8g	Survival rate		60 %	
8h	Water sprinkling on roads to control airborne dust	YES	YES	Water tanker
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantation on safety zone of 7.5m lease boundary observed.	

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		MR Submitted up to = Nov-2020 AR Submitted up to = 2019-20	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines manger- Mr. A H Kuratti	Mining Engineer and Geologist not appointed	Violation issued.

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/C: 1.89 Top Soil : 0.25 Building & Road: 0.02	O/C: 1.89 Top Soil : 0.25 Building & Road: 0.02	
9d	Scrutiny of Annual return on afforestation	90 Nos	90 Nos	
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	ROM -Nil BF Grade: 2399.472 te Cement grade : 5372 te	ROM -Nil BF Grade: 2399.472 te Cement grade : 5372 te	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	BF Grade Rs: 650.42 Rs/T Cement Rs: 375.06 Rs/T Production cost-339.21 Rs/t	BF Grade Rs: 650.42 Rs/T Cement Rs: 375.06 Rs/T Production cost-339.21 Rs/t	Sample invoice checked.
9h	Scrutiny of Annual return on fixed assets	Furnished	Rs: 1536472	
9k	Scrutiny of Annual return on mining machineries		Air compressor-1 Water tanker 1	

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 55(1)(3)	04-JAN-21			

**Date :**

**(SURESH PRASAD)**

Indian Bureau of Mines