

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

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-77/GOA

**Mine code :** 38KAR26056

- (i) Name of the Inspecting : **SP01** ) **SURESH PRASAD**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri K G Bolishetty, Lessee  
Official with  
Designation
- (iv) Date of Inspection : 06-OCT-20
- (v) Prev.inspection date : 13-DEC-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **LOKAPUR (ML. NO. 2476)**
- (b) **Registration NO.** : **IBM/702/2011**
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : BAGALKOT
- Village : LOKAPUR
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code : 587122
- FAX No. : NIL
- E-mail : shrilaxmiminerals@rediffma:
- Phone : 88350240447
- (f) **Police Station** : Lokapur
- (g) **First opening date** : 01-JAN-05
- (h) **Weekly day of rest** : TUE
2. **Address for correspondance** : AT & PO- LOKAPUR-587122  
TQ-MUDHOL  
DIST-BAGALKOT, KARNATAKA
3. (a) **Lease Number** : KAR1403
- (b) **Lease area** : 2.84
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 31-DEC-24
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : KASHINATH GURUBASAPPA BOLISHETTY  
 POST LOKAPUR-587122,  
 TALUKA-MUDHOL, DISTRICT-  
 BAGALKOT (KARNATAKA)  
 BAGALKOT KARNATAKA  
 Phone:08350-340447  
 FAX :

Owner : KASHINATH G BOLISHETTY  
 AT & PO-LOKAPUR TQ-MUDHOL  
 BAGALKOT KARNATAKA  
 Phone:  
 FAX :

## Manager

Name : Shri Munir Ahmad  
 Qualification : B.A & Mine foreman certificate & permit  
 Appointment/ : 24-DEC-10  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	01-OCT-04
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	29-MAR-11
	:	Mining Scheme rule 12 MCDR1988	13-JUN-14
	:	MP modif under 17(3) MCR 2016	15-JAN-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposal in the year 2019-20	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	Not applicable	
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		111-1358375te 211-400364te	Reserve and resource are as per the AR 2019-20. i.e as on 1.4.2020.
1f	General remarks of inspecting officers on geology, exploration etc		The 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	North I & II West I & II SW. III & SW. IV	West - I & II South West - 3& 4 (B)	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal for overburden and top soil. The proposal is given for mineral benches only.	Yes	
2c	Stripping ratio or ore to OB ratio	1 : 0.05	1 : 0.05	The intercalated waste are treated as waste/OB.
2d	Quantity of topsoil generation in m3	Nil	Nil	

2e	Quantity of overburden generation in m3	908 CUM (1817 tones)	254CUM 508 tones
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Development of pit is carried out as per the proposal. The intercalated waste are handled as waste/OB.

---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	44875 MT	10,000 MT	Production of ore is less reportedly due to less market demand.
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.	No Proposal	NIL	
3g	Grade 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	35 Ø mm JH Holes & Use of slurry exploration	35 mm Ø JH holes 3 lusty units slurry (slurry) (blasting) Exploration.	
3k	Provision of mining machineries in mineral benches	Manual	NIL	Jack hammer drilling with manual operation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NO OB. Benches 3 mtrs in Manual Bench	There is NO OB. Benches 3 mtrs in Manual Bench	
3m	Total area covered under excavation/pits	2.230 ha	About 2.4 ha	Proposal as per the Approved MMP and achieved as per the AR 2019-20.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	1:0.05	
3p	Production of ROM mineral during the last five year period as applicable	2015-16- 60,000 2016-17 - 60,000 2017-18 - 60,000 2018-19 - 60,000 2019-20 - 44,875	2015-16- 60,000 2016-17 - 60,000 2017-18 - 60,000 2018-19 - 29,000 2019-20 - 10,000	ROM Proposal as per the latest Approved MMP and achieved as per the AR 2018-19 & 2019-20.
3q	General remarks of inspecting officers on method of mining etc.		Opencast Mining with manual category is being carried out.	

---

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposal	Not applicable	
4b	Location of topsoil, OB and mineral reject dumps	Not applicable	Not applicable	

4c	Number of dumps within lease area and outside of lease area	Lease area = Nil Non Lease area = Nil	Lease area = Nil Non Lease area = Nil	Generation of waste is very less and used for road maintenance.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not applicable	Not applicable	
4j	Number of settling ponds	Not applicable	Not applicable	
4k	Specific comments of inspecting officer on waste dump management		No waste dump has been developed and the generated waste is being utilized for road maintenance.	

#### 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.	Not applicable	Not applicable	Mineral is not exhausted from the pit.
5b	Area under backfilling of mined out area	Not applicable	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not applicable	Not applicable	
5d	Total area fully reclaimed and rehabilitated	Not applicable	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Mineral has not been exhausted from any part of the pit, hence reclamation has not been envisaged.	

#### 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).		Submitted for the year 2019-20	
6b	Area available for rehabilitation (ha) .	NIL	NIL	Mineral has not been exhausted from any part of the pit, hence reclamation/rehabilitation has not been envisaged.
6c	afforestation done (ha).	0.0250 Ha	0.0250 Ha	For green belt developement along the 7.5 mtr lease boundary.
6d	No. of saplings planted during the year	50 nos	50 nos.	
6e	Cumulative no .of plants		500 nos.	
6f	Any other method of rehabilitation	NIL	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Half Yearly monitering	Carried out.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mineral has not been exhausted from any part of the pit, hence reclamation& Rehibalitaion in the pit has not been envisaged. Planatation along the safety barrier of 7.5 m width is being carried out.

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise	Grade wise	BF grade and Cement grade of limestone.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual
7c	Different grade of mineral sorted out at mines.	BF grade and Cement grade of limestone.	BF grade and Cement grade of limestone.
7d	Any beneficiation process at mines .	No proposal	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Manual sorting of limestone to the BF and Cement grade is being carried out. No any beneficiation method is adopted.

---

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	No proposal	NIL	NO top soil proposal/ achieved.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	



8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable	Not applicable
8g	Survival rate	60%	60%
8h	Water sprinkling on roads to control airborne dust	Yes	Carried out
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantaion along the safety barriers of 7.5 m width are under progress.

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		MR Submitted up to = September 2020 AR Submitted up to =2019-20	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine manager mine engineer incharge Shri H B Balikari, Geologist Shri Yogesh M Kutre	Mine manager mine engineer incharge Shri H B Balikari, Geologist Shri Yogesh M Kutre	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Opencast working-2.4ha	Opencast working-2.4ha	
9d	Scrutiny of Annual return on afforestation	50nos.	50nos.	
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 Grade wise:- BF grade- 452.74 te - Nil Cement Grade- 3997.72 te	Closing Stock:- ROM Nil Grade wise:- BF grade-452.74 te - Nil Cement Grade- 3997.72 te	Quantity observed in field.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	BF grade- 458.25 Rs/T	Sample invoice checked and found in order.	
9h	Scrutiny of Annual return on fixed assets	Rs. 3600000/-	Rs. 3600000/-	Fixed asset of land, building, plant machinery furnished
9k	Scrutiny of Annual return on mining machineries	Air compressor- 4.1CUM/MN- 1 no.	Air compressor- 4.1CUM/MN- 1 no.	Manual category mine with jackhammer drilling

---

**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

**Date :**

**(SURESH PRASAD)**

Indian Bureau of Mines