

**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 : P01 ) PREM PRAKASH  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 13-DEC-19
- (v) Prev.inspection date : 09-JAN-18

**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 2018-19	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	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		111- 13,68,375 MT 221- 4,00,364 MT 333 -735459 MT	Reserves & Resources as on 01.11.2018 As per latest MMP approved on 15.01.2019
1f	General remarks of inspecting officers on geology, exploration etc			No exploration proposal was given for the year 2018-19. 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	Between Coordinates: N120 to N150 E50 to E160 RL 545 & RL 539	Between Coordinates: N120 to N150 E50 to E110 RL 545 & RL 539	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No any benches proposed in overburden and topsoil. All proposal given for the mineral benches only. Some intercalated waste to be removed from mineral benches.	Not Applicable	All proposal given for the mineral benches only.
2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.00	No Intercalated waste generation as presence of the same in the deposit is in inconsistent manner
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	3158 MT intercalated waste in the year 2018-19	Nil	As reported in Annual Return of the year 2018-19
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Development of pit carried out at the proposed area. No Intercalated waste generated in year 2018-19 as presence of the same in the deposit is in inconsistent manner and also ore production was lesser than proposed reportedly due to less market demand of the mineral.

---

**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	

3b	Quantity of ROM mineral production proposed	60,000 MT in the year 2018-19	29,000 MT	Production of ore is less than proposed reportedly due to less market demand of the mineral.
3c	Recovery of sailable/usable mineral from ROM production	95 %	100 %	
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	
3j	Provision of drilling and blasting in mineral benches	Jack Hammer Drilling & Blasting with 25 mm dia	Jack Hammer Drilling & Blasting with 25 mm dia	
3k	Provision of mining machineries in mineral benches	Manual mining	Manual mining	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	03 m height of benches proposed in mineral	Being Maintained as proposed	

3m	Total area covered under excavation/pits	2.23 ha. For 05 years plan period	Up till now : 2.20 ha.	Proposal As per latest MMP approved on 15.01.2019
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	1:0.00	
3o	Total area put in use under different heads at the end of year	2.79 Ha. For 05 years plan period	Up till now : 2.76 ha.	Proposal As per latest MMP approved on 15.01.2019
3p	Production of ROM mineral during the last five year period as applicable	2014-15--60,000 MT 2015-16--60,000 MT 2016-17--60,000 MT 2017-18--60,000 MT 2018-19--60,000 MT	2014-15--15,000 MT 2015-16--60,000 MT 2016-17--60,000 MT 2017-18--60,000 MT 2018-19- 29,000 MT	ROM production figure is mentioned as per latest MMP approved on 15.01.2019 and Annual Return submitted for 2018-19.
3q	General remarks of inspecting officers on method of mining etc.			Manual Open Cast mining being carried out with Jack Hammer drilling & blasting.

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not Applicable	Not Applicable	There are no dumps of Topsoil, OB & Mineral Rejects and also not proposed.
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	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	
4e	Number of active and alive dumps.	Nil	Nil	

4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Not Applicable	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	Not Applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			No waste dump has been made as waste generation is very less and the same being utilized in haul road and berm making.

#### 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	No part of the Lease Area has exhausted/ 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)	Not Applicable	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mineral has not been exhausted from any part of the lease, hence backfilling/ reclamation has not 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	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
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	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	50 Nos.	50 Nos.	Planation carried out in the 7.5 m safety zone along the lease boundary.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.025	0.025	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Planation	Planation	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring on regular basis	Monitoring being done regularly	



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Mineral has not exhausted from any part of the pit, hence backfilling/ reclamation and PMCP by R&R 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 / grade Wise despatch after size reduction	ROM & grade Wise being Despatched after size reduction	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	yes	yes	
7d	Any beneficiation process at mines	No	No	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mineral being despatched after Manual sorting and sizing of ROM ore as per requirement.

### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	Topsoil is not available in the ML area, So its removal has not been proposed.
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not Applicable	
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)	Nil	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 No.'s plantation to be carried out within the Lease area	50 No.'s plantation carried out in 2018-19 within the Lease area. Cumulative plantation done of about 300 nos.	
8g	Survival rate		75 %	
8h	Water sprinkling on roads to control airborne dust	To be provided	Water sprinkling being carried out on regular Basis	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mines area appears to be good

---

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		MR Submitted upto = Nov-2019 AR Submitted upto = 2018-19	Submitted regularly

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine Manager Mining Engineer in charge Shri H B.Balikai, Geologist in charge Shri Yogesh M.Kutre	Mine Manager Mining Engineer in charge Shri H B.Balikai, Geologist in charge Shri Yogesh M.Kutre	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		furnished	
9d	Scrutiny of Annual return on afforestation	50 Nos.	50 Nos. with 75% survival rate	
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 stock : Nil, graded ore stock of Limestone: BF: 24511.790 te, & Cement : 3997.72 te	ROM stock : Nil, graded ore stock of Limestone: BF: 24511.790 te, & Cement : 3997.72 te	As per submitted Annual Return of the year 2018-19
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price Limestone: BF: 449 Rs/te, Cement : 300 Rs./te; production cost :237 Rs/te	Ex. Mine price Limestone: BF: 449 Rs/te, Cement : 300 Rs./te; production cost :237 Rs/te	As per submitted Annual Return of the year 2018-19
9h	Scrutiny of Annual return on fixed assets	(in Rs.) 3600000	furnished	
9k	Scrutiny of Annual return on mining machineries	Manual mining	Manual mining	

---

**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 :****(PREM PRAKASH)**

Indian Bureau of Mines