

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

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-88/GOA

**Mine code :** 38KAR26069

- (i) Name of the Inspecting : **SP01** ) **SURESH PRASAD**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SHRI. L.H.HIREMATH**  
Official with  
Designation
- (iv) Date of Inspection : 09/03/2018
- (v) Prev.inspection date : 11/03/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHIKKALAGUNDI (2574)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : KARNATAKA  
District : BAGALKOT  
Village : CHIKKALGUNDI  
Taluka : BILAGI  
Post office : CHIKKALGUNDI  
Pin Code :  
FAX No. :  
E-mail : bm2574@gmail.com  
Phone : 9972090609
- (f) Police Station : Biligi
- (g) First opening date : 05/03/2008
- (h) Weekly day of rest : FRI
2. Address for : SHRI L.S.HIREMATH  
correspondance : GANIGARA GALLI  
AT & PO-LOKAPUR-587122, TQ-MUDHOL, DIST-BAGALKOT
3. (a) Lease Number : KAR1583
- (b) Lease area : 4
- (c) Period of lease : 20
- (d) Date of Expiry : 03/02/2028
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : LINGANAND S HIREMATH  
GANIGARA GALLI LOKAPUR TQ-  
MUDHOL BAGALKOT KARNATAKA  
Phone:9448225799  
FAX :

Owner : LINGANAND S HIREMATH  
GANIGARA GALLI AT & PO-  
LOKAPUR TQ-MUDHOL BAGALKOT  
KARNATAKA  
Phone:  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	29/01/2007
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	10/04/2012
		MP modif under 17(3) MCR 2016	06/02/2017

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	03 BORE HOLES	04 core bore holes in 2016-17.	
1b	Exploration over lease area for geological axis 1 or 2		04bore holes	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		M/s Geotech Exploration, Nagpur	
1d	Balance area to be explored to bring Geological axis in 1 or 2			Area covered
1e	Balance reserve as on 01/04/20	0.41MT	0.41 MT	
1f	General remarks of inspecting officers on geology, exploration etc			Entire Area covered under G1&G2

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	E-547514-547577 & N-1797043-1797076	As proposed	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes	yes	No top soil
2c	Stripping ratio or ore to OB ratio	1:0.10	1:0.10	
2d	Quantity of topsoil generation in m3	nil	nil	
2e	Quantity of overburden generation in m3	800m3	800m3	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No top soil generated. Waste quantity is very less.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	20000Tons	20000Tons	
3c	Recovery of sailable/usable mineral from ROM production	20000T	20000T	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	na	nil	
3f	Quantity of sub grade mineral generation.	na	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	yes	Jackhammer drilling	

3k	Provision of mining machineries in mineral benches	manual	manual loading	
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		0.65ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.01	1:0.01	
3o	Total area put in use under different heads at the end of year		1.575 ha	
3p	Production of ROM mineral during the last five year period as applicable	1.0LT	0.50 LT	
3q	General remarks of inspecting officers on method of mining etc.			satisfactory.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	yes	yes	No top soil &MR. also qty of OB is verry less.
4b	Location of topsoil, OB and mineral reject dumps		As proposed	No top soil,MR.
4c	Number of dumps within lease area and outside of lease area	one	one	very small size.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)		within	

4e	Number of active and alive dumps.	one	one	
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.			Safety berm provided along the ML.
4i	Length of Retaining wall or garland drain all along dumps			100 mtr length achieved.
4j	Number of settling ponds	nil	nil	
4k	Specific comments of inspecting officer on waste dump management			waste generation is very less. NO top soil and MR generated in RY.

#### 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.	NA	Nil	Not applicable.
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)	na	nil	
5d	Total area fully reclaimed and rehabilitated	nil	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No backfilling and reclamation started as area is under mineralized.

## 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).		not submitted	Violation issued for submission the same.
6b	Area available for rehabilitation (ha) .	nil	nil	
6c	afforestation done (ha).		0.02ha	for green belt developement.
6d	No. of saplings planted during the year	50 sapling	60sapling	For green belt dev.
6e	Cumulative no .of plants	250nos.	270 nos	
6f	Any other method of rehabilitation	nil	nil	
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	nil	nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	nil	nil	R&R by backfilling not proposed.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	nil	nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	nil	nil	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	nil	nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	nil	nil	Only green belt dev.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	nil	nil	no proposal.
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 through NABL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Area not matured for backfilling, R&R. Pl anation done for green belt developement.

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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	20000Tones ROM	Manual segregation only.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	manual	
7c	Different grade of mineral sorted out at mines.			Manual sorting.

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7d	Any beneficiation process at mines	nil	nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Manual segregation carried out at mine head.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	nil	No top soil reported.	
8b	Concurrent use or storage of topsoil	nil	nil	for planatation if reported.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	yes	yes	Only OB dump with very less qty. No MR and fines dumps.
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)			70 sapling in RY.
8g	Survival rate		SR-60%	

8h	Water sprinkling on roads to control airborne dust	yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		No top soil,MR and fines dump available. Plantaion done for green belt dev.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		ME not appointed.	Advice to appoint the same.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		given	Land use pattern furnished in AR.
9d	Scrutiny of Annual return on afforestation		given	furnished in AR.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	nil	Not proposed.
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		furnished in AR.	
9h	Scrutiny of Annual return on fixed assets		not furnished	. Advice to furnished the same.

9k Scrutiny of  
Annual return on  
mining  
machineries

B category manual  
mine.

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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 26(2)	23/03/2018			
MCDR17	Rule 45(7)(a)	23/03/2018			

**Date :**

(SURESH PRASAD)

Indian Bureau of Mines