

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

**Review and updation of Mining Plan REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-44/GOA

**Mine code :** 38KAR26017

- (i) Name of the Inspecting : **R\$01** ) **R.S.SAUDAGAR**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : S/SHRI. G.S.HEGDE, TQP, TANAJI SAWANT, MINES MANAGER  
Official with  
Designation
- (iv) Date of Inspection : 28-Dec-21
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHIKKALGUNDI (ML 2302)**
- (b) **Registration NO.** : **IBM/8398/2011**
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : BAGALKOT
- Village : CHIKKALGUNDI
- Taluka : BILGI
- Post office : CHIKKALGUNDI
- Pin Code : 587122
- FAX No. :
- E-mail : ranganathstag@rediffmail.co
- Phone : 9886591320
- (f) **Police Station** :
- (g) **First opening date** :
- (h) **Weekly day of rest** : TUE
2. **Address for correspondance** : At and Po- Chikkalgundi  
Tq- Bilagi  
Dist- Bagalkot
3. (a) **Lease Number** : KAR0139
- (b) **Lease area** : 8.09
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 26-Jan-07
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : H. B. B. PATIL  
 Post- Chikkalgundi Tq-  
 Bilagi Dist- Bagalkot  
 BAGALKOT KARNATAKA  
 Phone:  
 FAX :

Owner : H.B.B.PATIL  
 Post- Chikkalgundi Tq-  
 Bilagi Dist- Bagalkot  
 BAGALKOT KARNATAKA  
 Phone:  
 FAX :

## Geologist

Name : MR.Suresh Katti,Part Time  
 Qualification : M.sc Geology  
 Appointment/ : 01-Dec-14  
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	02-Dec-97
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	24-Sep-09
		Mining Scheme rule 12 MCDR1988	17-Oct-12
		MP modif under 17(3) MCR 2016	16-Mar-17

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposal in 2020-21.	Nil during 2020-21	
1b	Exploration over lease area for geological axis 1 or 2	G1	G1: 2.43 Ha.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Nil during 2020-21	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	Entire area has been explored and under G-1.
1e	Balance reserve as on 01/04/20		Total reserve: 0.522million tonnes of Limestone (UNFC Cat. 111) +35%CaO	Reserve position as per recent RMP approved
1f	General remarks of inspecting officers on geology, exploration etc			Entire mineralized area was explored by the lessee under G1 level by drilling with 4 nos. of core boreholes .

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1797194-1797280 N,E 547364 -547439 E	Development carried out in the same area as proposed	Mine is not working for want of Statutory clearance from year 2016.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB and ore proposed.	Separate benches in OB and ore maintained.	
2c	Stripping ratio or ore to OB ratio	1:0.01	NIL	Due to non working ,SR is Nil

2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	No proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is not working for want of Statutory clearance from year 2016.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production			
3b	Quantity of ROM mineral production proposed	25,556 Tonnes of Limestone	Nil	
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Not Applicable	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	No proposal	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	
3j	Provision of drilling and blasting in mineral benches	Proposed to drill by jack hammer and blasting using slurry explosives	No change	
3k	Provision of mining machineries in mineral benches	Tractor Compressor: 01no. Jack Hammer: 01No	No change	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3m bench height proposed.	Average bench height 3m is maintained	
3m	Total area covered under excavation/pits	1.10 Ha. at the end of F.Y. 2022-23.	1.10 Ha.	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.01	Nil	
3o	Total area put in use under different heads at the end of year		Area under mining: 1.10 Ha. Roads : 0.01 Ha. Dumps : 0.05 Ha. Green Belt: 0.54 Ha	As per Approved RMP. There is no change in Land use pattern due to non working of mine from 2016.
3p	Production of ROM mineral during the last five year period as applicable	2016-17: 25000 2017-18: 23000 2018-19: 23000 2019-20: 23000 2020-21: 23000 ( in tonnes)	2016-17: Nil 2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil ( in tonnes)	

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed for intercalated waste.	Nil
4b	Location of topsoil, OB and mineral reject dumps	Eastern side of Lease area	Nil
4c	Number of dumps within lease area and outside of lease area	One No. with in ML	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Proposed within UPL	Nil
4e	Number of active and alive dumps.	Nil	Nil
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.	No proposal	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil
4j	Number of settling ponds	No proposal	Nil

#### 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 as the mine pit was not matured for backfilling	
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)	Concurrent use of top soil proposed.	Nil	
5d	Total area fully reclaimed and rehabilitated	No Proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine pit was not matured for backfilling since mineral persists at the bottom of mine workings.

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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).	To be submitted on or before 1st July every year.	Submitted for F.Y. 2020-21 before 1st July, 2021.	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	0.54 Ha. proposed	So far 0.54 Ha green belt developed.	
6d	No. of saplings planted during the year	50 Nos	Nil	Mine is not working.
6e	Cumulative no .of plants	200 Saplings proposed up to 2020-2021	Apprx. 200nos. saplings achievedwithn ML.	
6f	Any other method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch and care during the year	Not proposed	Not applicable.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Not applicable	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal		Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation 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	No proposal	Not applicable	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Bi - Annually	Environmental monitoring is carried out through private agency.	

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Mineral Conservation:

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Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sizing and sorting.	Gradewise sizing and sorting.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual sizing and sorting.	Manual sizing and sorting.	
7c	Different grade of mineral sorted out at mines.	Yes	Yes	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Lessee was using all the ore by blending with high grade ore as per buyers requirement.

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Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 21 32)	No proposal during 2020-	Nil	
8b	Concurrent use or storage of topsoil	No Proposal	Nil	
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	No Proposal	Mine pit is not matured for backfilling.	

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.	Apprx. 200 nos. saplings were planted within ML so far.	
8g	Survival rate		60%	
8h	Water sprinkling on roads to control airborne dust	Proposed.	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around the mining area is good.

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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 November 2021 &A.R. Submitted up to 2020-2021		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			Mine is not working for want of Statutory clearance from year 2016.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		Area under mining: 1.10 Ha. Roads : 0.01 Ha.	

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9d	Scrutiny of Annual return on afforestation	Nil	Nil
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 closing stock: Nil. Graded ore closing Stock of BF Grade Limestone:7925 .728 tonnes.	Actual was also same at that time as per mine dispatch register.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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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

Date :

(R.S.SAUDAGAR)

Indian Bureau of Mines