

**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-78/GOA

**Mine code :** 38KAR26057

- (i) Name of the Inspecting : P01 ) PREM PRAKASH  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : SHRI. S.L.UDAPUDI, LESSEE  
Official with  
Designation
- (iv) Date of Inspection : 09-DEC-20
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : LOKAPUR (2359)
- (b) **Registration NO.** :
- (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. : NA
- E-mail : sludapudi@gmail.com
- Phone : 09448489455
- (f) **Police Station** : LOKAPUR
- (g) **First opening date** : 05-MAY-06
- (h) **Weekly day of rest** : TUE
2. **Address for correspondance** : Shri Shivanand L. Udapudi  
At and Po-Lokapur, Tq-Mudhol,  
Dist-Bagalkot, Karnataka
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : SHIVANAND L. UDAPUDI  
 VILLAGE: NAGANPUR TQ:  
 MUDHOL BAGALKOT KARNATAKA  
 Phone:  
 FAX :

Owner : SHIVANAND L UDAPUDI  
 BAGALKOT ROAD, LOKAPUR TQ-  
 MUDHOL BAGALKOT KARNATAKA  
 Phone: 09482611111  
 FAX :

## Manager

Name : Shri Prameshwaraiiah  
 Qualification : Mine foreman certificate holder  
 Appointment/ : 01-JUN-13  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	18-JUN-02
Plan/Scheme of Mining		Modif.of approved Mining Plan	08-FEB-07
		Mining Scheme rule 12 MCDR1988	29-NOV-11
		MP modif under 17(3) MCR 2016	11-NOV-16

## 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	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Lease area already explored under G1 level
1e	Balance reserve as on 01/04/20		2,32,516 tonnes of limestone (111)	As per Annual return submitted for 2019-20
1f	General remarks of inspecting officers on geology, exploration etc		No exploration proposal is given in approved MMP.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	-	-	No development /removal of waste/top soil etc. proposed in approved MMP.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Only Mineral benches	Only Mineral benches	
2c	Stripping ratio or ore to OB ratio	1 : 0	1 : 0	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		No development work /removal of waste/top soil handling etc. are proposed in approved MMP. Lease area is very small and mineralized.	

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	15000 ton of limestone in FY 2019-20	2000 ton of limestone	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	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	jackhammer drilling & blasting	jackhammer drilling & blasting	
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	3 mtr bench height is proposed	pit benches were formed in irregular manner with height of benches more than 3m at places	Violation issued for the same.
3m	Total area covered under excavation/pits	0.92 Ha. up to 2020-21	About 0.81 ha. Up to 2019-20	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.00	1:0.00	

3o	Total area put in use under different heads at the end of year	0.954 Ha. up to 2020-21	About 0.85 ha. Up to 2019-20	
3p	Production of ROM mineral during the last five year period as applicable	2016-17-13000 tons, 2017-18-25000 tons, 2018-19-25000 tons, 2019-20-15000 tons	2016-17- 2000 tons, 2017-18-22990 tons, 2018-19- nil 2019-20-2000 tons,	Limestone Production (te) Quantity given as reported in approved RMP on 14.01.2021 and Annual return submitted for 2019-20
3q	General remarks of inspecting officers on method of mining etc.		Manual Open cast workings being carried out in small scale.	

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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)	No proposal of waste/top soil handling	Nil	
4b	Location of topsoil, OB and mineral reject dumps	Nil	Nil	
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)	Nil	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.	Nil	Nil	

4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil
4j	Number of settling ponds	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		No development work /removal of waste/top soil handling etc. are proposed in approved MMP. Lese area is very small and mineralized.

#### 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.	backfilling, reclamation etc. are not proposed	NA	
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)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine is not reached up to ultimate depth and no any part of the lease area is fully extracted or got exhausted of mineral. Hence, backfilling, reclamation etc. are not proposed in the approved MMP.

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be Submitted	Not Submitted	Violation issued for the same
6c	afforestation done (ha).	In 50 m length along 7.5 m Safety Zone	In 50 m length along 7.5 m Safety Zone	
6d	No. of saplings planted during the year	25 nos	25 nos	
6f	Any other method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch and care during the year		Rs.3000 approx	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil	
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)	proposed	Being carried out
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Very Small mine, Plantations have been carried out in 7.5 m Safety Zone along ML boundary

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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 & grade wise mineral dispatch	ROM & grade wise mineral dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Manually	Manually	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		sorting & sizing of mineral being carried out manually	

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal for top soil generation	Nil	

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8b	Concurrent use or storage of topsoil	Nil	Nil
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
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)		25 plants planted in the lease area in FY 219-20
8g	Survival rate		about 60%
8h	Water sprinkling on roads to control airborne dust	Water sprinkling in the haul road to be carried out	Water sprinkling being carried out to suppress the dust in the haul road

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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 = October 2020 AR Submitted up to =2019-20	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager - PARAMESWARAIAH N	mining engineer and geologist have not been employed	Violation issued in this respect.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	1.16 Ha.	1.16 Ha.	
9d	Scrutiny of Annual return on afforestation	25 numbers of plantation	25 numbers of plantation	
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 and graded ore Stock-242 te	ROM stock- Nil and graded ore Stock-242 te	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price -Rs.301.00 per ton, production cost-Rs. 216 per te	Ex. Mine price - Rs.301.00 per ton, production cost-Rs. 216 per te	
9h	Scrutiny of Annual return on fixed assets	Value of Fixed Assets (in Rs) 2750000	Value of Fixed Assets (in Rs) 2750000	
9k	Scrutiny of Annual return on mining machineries	Manual mining	Manual mining	

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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 11(1)	07-JAN-21			
MCDR17	Rule 26(2)	07-JAN-21			
MCDR17	Rule 35(2)	07-JAN-21			
MCDR17	Rule 45(7)(a)	07-JAN-21			

**Date :**

**(PREM PRAKASH)**

Indian Bureau of Mines