

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

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-78/GOA

**Mine code :** 38KAR26057

- (i) Name of the Inspecting : **SP01** ) **SURESH PRASAD**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SHRI. S.L.UDAPUDI, LESSEE**  
Official with  
Designation
- (iv) Date of Inspection : 06/03/2018
- (v) Prev.inspection date : 12/05/2016

**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 : 05/05/2006
- (h) Weekly day of rest : TUE
2. Address for : Shri Shivanand L. Udapudi  
correspondance : 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/ : 01/06/2013  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	18/06/2002
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	08/02/2007
	:	Mining Scheme rule 12 MCDR1988	29/11/2011
	:	MP modif under 17(3) MCR 2016	11/11/2016

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	one	four	4 nos of core drill holes were drilled in the year 2015-16.
1b	Exploration over lease area for geological axis 1 or 2	nil	nil	No proposal. However, 4 nos of core drill holes were drilled in the year 2015-16.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	nil	nil	No proposal for exploration un the reporting year 2016-17.
1d	Balance area to be explored to bring Geological axis in 1 or 2	nil	nil	Area already covered under geological axis 1 .
1e	Balance reserve as on 01/04/20	0.246 MT	0.256 MT	Reserve status as on 1.4.2017.
1f	General remarks of inspecting officers on geology, exploration etc			Lessee has explored entire area under geological axis 1.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area			No developemt work for OB/SB/Top soil proposed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	nil	nil	Not proposed the OB/top soil handling in the AY.
2c	Stripping ratio or ore to OB ratio	1:0.00	1:0.00	Overburden handling not proposed.
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	Topsoil/Overburden handling were not proposed.
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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	13000T	4000T	Less achieved with respect to proposed in the year 2016-17
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	100% recovery proposed and achieved reported.
3d	Quantity of mineral reject generation	nil	nil	No mineral reject proposed/achieved.
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	n a	nil	
3h	Manual / Mechanised method adopted for segregating from ROM	manual	manual	for size reduction.
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	yes	Drilling by jackhammer of 33mm dia.

3k	Provision of mining machineries in mineral benches	yes	yes	small size equipment using.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3m to 4m height	Actual between 5m to 6m	Violation pointed out for rectification of bench height.
3m	Total area covered under excavation/pits	0.81ha	0.81ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.00	1:0.00	No overburden handling. Entire used for ore.
3o	Total area put in use under different heads at the end of year	0.844 ha	0.844ha	
3p	Production of ROM mineral during the last five year period as applicable	2012-13 to 2016-17 :- 113000T	2012-13 to 2016-17 :- 94526T	Less quantity achieved with respect to the proposal.
3q	General remarks of inspecting officers on method of mining etc.			No Overburden handling proposed. Height of the benches observed higher than the proposal. Therefore , violation pointed out for rectification.

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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)	nil	nil	No proposal for OB/top soil and minral reject.
4b	Location of topsoil, OB and mineral reject dumps	NA	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)	NA	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	N A	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			No proposal for Overburden/waste/mineral reject proposed or produced in the assessment year 2016-17.

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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.	Nil	Nil	
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	

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5e	General remarks of inspecting officers on backfilling and reclamation etc.	No backfilling proposed. However, there were no any waste generation proposed or reported in the year 2016-17.
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Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).		provided	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	0.001Ha	0.001Ha	
6d	No. of saplings planted during the year	50nos.	50nos.	
6e	Cumulative no .of plants			5000 nos. plant reported. However growth rate were not observed satisfactory.
6f	Any other method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch and care during the year		5000Rs	
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	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation 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	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	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)	yes	provided	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No reclamation and Rehabilitation work were proposed. Further, waste generation were also nil. Further, The mine pit working is in very small scale.

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	ROM despatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	nil	nil	Size reduction only at mines head.
7c	Different grade of mineral sorted out at mines.	nil	nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Zero Waste generation promot the mineral conservation.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	No top soil generation reported.
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)		5000sapling reported.	Growth rate were observed less.
8g	Survival rate		70%	Growth rate were not observed satisfactorily.
8h	Water sprinkling on roads to control airborne dust			small scale operation and sourounded by other mining lease.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			small scale operation and sourounded by other mining lease.Poor Growth rate observed.

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#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Monthly returns submitted whereas the Annual Returns for the year 2016-17 was not submitted.	Violation pointed out and issued for the nonsubmission of annual returns for the year 2016-17..
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Mining Engineer and Manager appointment furnished in the AR 2015-16.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		given	

9d	Scrutiny of Annual return on afforestation		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	furnished in AR 2015-16	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	furnished	EX Mine for the Year 2015-16 was 247 Rs/T
9h	Scrutiny of Annual return on fixed assets		
9k	Scrutiny of Annual return on mining machineries		Annual return for the year 2016-17 not submitted. Details furnished based on AR 2015-16 .

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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
MCDR17	Rule 11(1)	19/03/2018			
MCDR17	Rule 27(2)	19/03/2018			
MCDR17	Rule 45(5)(a)	19/03/2018			

**Date :**

**(SURESH PRASAD)**

Indian Bureau of Mines