

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BJP/LST-55/GOA

Mine code : 38KAR26027

- (i) Name of the Inspecting : **K03**) **G. S. KANNAN**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.R.G.Bolishetty, Mine Owner
Official with
Designation
- (iv) Date of Inspection : 26/04/2018
- (v) Prev.inspection date : 11/02/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LOKAPUR (ML 2323)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : KARNATAKA
District : BAGALKOT
Village : LOKAPUR
Taluka : MODHOL
Post office : LOKAPUR
Pin Code : 587122
FAX No. : NIL
E-mail : NIL
Phone : 0835--340447
- (f) Police Station : Lokapur
- (g) First opening date : 01/04/2002
- (h) Weekly day of rest : TUE
2. Address for : Lokapur Limestone Mine of Shri R.G. Bolishetty
correspondance : At-Lokapur Tq-Mudhol
Dist-Bagalkot
3. (a) Lease Number : KAR1326
- (b) Lease area : 1.8
- (c) Period of lease : 20
- (d) Date of Expiry : 15/10/2021
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : R. G. BOLISETTY
 At-Lokapur Tq- Mudhol Dist-
 Bagalkot BAGALKOT KARNATAKA
 Phone:
 FAX :

Owner : R.G. BOLISHETTY (Shri Guru Basav Minerals)
 At-Lokapur Tq- Mudhol Dist-
 Bagalkot BAGALKOT KARNATAKA
 Phone:
 FAX :

Manager
 Name : B.R.DANGAR
 Qualification : BSc. I st Year and Mine Foreman Certific
 Appointment/ : 01/04/2002 01/04/2003
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	03/01/2001
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	12/04/2011
		Mining Scheme rule 12 MCDR1988	23/12/2011
		Mining Scheme rule 12 MCDR1988	01/06/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2 Core Boreholes has been proposed during Previous scheme period	No Bore hole has been drilled	Mining plan has been modified and boreholes has been proposed during 2018-2019
1b	Exploration over lease area for geological axis 1 or 2	Geological axis - 1	Nil. No Borehole has been drilled	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposal for 2017-2018	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Entire Lease area 1.82 hect	Nil	
1e	Balance reserve as on 01/04/20	As on 01/04/2018 Proved Mineral Reserves (111) = 51592 Tons Pre-Feasibility Mineral Resources (221) = 50000 Tons Inferred Mineral Resources (333) = 352000 Tons	As on 01/04/2018 Proved Mineral Reserves (111) = 88000 Tons Pre-Feasibility Mineral Resources (221) = 50000 Tons Inferred Mineral Resources (333) = 352000 Tons	Hence there is no mining activity; R & R has not been changed.
1f	General remarks of inspecting officers on geology, exploration etc	It is part of kaladgi basin which belongs to Upper Cuddapag system	The deposit is litho unit of Lokapur sub group of Bagalkot group which belongs to Kaladgi Super group	Entire Lease is having Same Geology and Mineralogy is changes from place to place. Hence borehole has to be drilled at closer interval to get quantity and quality

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In the Year 2017-2018 there was proposal to work between the Section CC' to DD' from 565 RL to 559RL	Working has been not carriedout as per the proposal	Mine is not Working because want of Statuary Clearances. Violation issued under Rule 11(1)
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no proposals for separate Bench's	There is no proposals for separate Bench's	
2c	Stripping ratio or ore to OB ratio	1 : 0.005	Nil reported, since no production during that period.	
2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	OB waste is only Intercalated waste. During 2017-2018 it is proposed 950 tons	Nil	Mine is not Working from 2011, because want of Statuary Clearances
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	Basic Field Observation are Topsoil are present, upto 8m work out pit for Limestone,	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single Pit	Single Pit	
3b	Quantity of ROM mineral production proposed	ROM = 19012 tons	Nil	Mine is not Working because want of Statuary Clearances
3c	Recovery of sailable/usable mineral from ROM production	95%	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	

3e	Grade of mineral rejects generation and threshold value declared.	Mineral reject- No Proposal. Threshold Value for Mineral rejects is not Declared	Nil	
3f	Quantity of sub grade mineral generation.	No Sub Grade Generation	No Sub Grade Generation	
3g	Grade of sub grade mineral generation	There is No Proposal for Subgrade Mineral Generation	There is No Generation of Subgrade Mineral	
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.	No Benefication Study is Proposed	Only Manual Picking of Ore from Intercalated Waste	
3j	Provision of drilling and blasting in mineral benches	Spacing - 0.50m Burden - 0.45m Depth - 1.50m It is Proposed to drill by Jack Hammer and blasting by using Slurry & ANFO	Drilling & Blasting are not done	Mine is not Working from 2011
3k	Provision of mining machineries in mineral benches	Jack Hammer - 1 Tracker Compressor - 1	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height - 3.0 m	Height - 3.0 m	Benches are formed before 2011
3m	Total area covered under excavation/pits	0.775 hect	0.775 hect	There is no chanegs in pit area from 2011.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.005	Nil	

3o	Total area put in use under different heads at the end of year	Landuse Pattern 01/04/2018 Area under Mining = 0.775 hect Mineral Storage = 0.014 hect Office = 0.01 hect Others = 0.408 hect	Landuse Pattern 01/04/2018 Area under Mining = 0.775 hect Mineral Storage = 0.014 hect Office = 0.01 hect Others = 0.408 hect	There are no Changes in land use Pattern because of Non-Working.
3p	Production of ROM mineral during the last five year period as applicable	2017-2018 = 18062 tons 2016-2017 = 18346 tons 2015-2016 = 20000 tons 2014-2015 = 20000 tons 2013-2014 = 20000 tons	2017-2018 = Nil 2016-2017 = Nil 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil	During the Period 2011 to till date, the Mine was not working due to want of statutory order
3q	General remarks of inspecting officers on method of mining etc.	Manual working	Manual working	

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 for dumping. Proposed Intercalated waste will be used for build up of bund on safety barrier	Nil	
4b	Location of topsoil, OB and mineral reject dumps	Along the lease boundary on Southern Side	Nil	Mine is not Working because want of Statuary Clearances
4c	Number of dumps within lease area and outside of lease area	No Proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active and alive dumps.	No Proposal	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	
4k	Specific comments of inspecting officer on waste dump management	Intercalated waste proposed quantity per year is less than 1000 tons, so there is no proposal for dump.	Nil	Mine is not Working because want of Statuary Clearances

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 for Backfilling	No Backfilling done	
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)	No Proposal	Nil	
5d	Total area fully reclaimed and rehabilitated	No Proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Backfilling	No Backfilling	

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).	It should be on or before 1st July every year.	Not Submitted	Violation issued under Rule 26 (2)
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	0.027Hect for 2017-2018	Nil	Violation issued under Rule 11(1)
6d	No. of saplings planted during the year	Total 50saplings were proposed during last year 2017-2018.	Nil	Violation issued under Rule 11(1)
6e	Cumulative no .of plants	Total 50saplings were proposed during last year 2017-2018.	Nil	
6f	Any other method of rehabilitation	No Proposal	Nil	
6g	Cost incurred on watch and care during the year	1.0 lakhs	Nil	Mine is not Working from 2011
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	
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
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)	Bi-annually Survey	Quartely Environmental Monitoring has been done
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	Nil

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	18062 tons for 2017-2018	Nil	Mine is not Working because want of Statuary Clearances

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual
7c	Different grade of mineral sorted out at mines.	Cao = +35% Sio2= - 4%	Nil
7d	Any beneficiation process at mines .	Manually Sorting and Sizing is Proposed	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	Nil

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is No Proposal for separately remove and utilized the topsoil.	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	Nil	

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)	50 Saplings per year	Nil
8g	Survival rate	70%	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Scanty vegetation, bushes, neem are observed in lease area	Topography of the ML area is flat terrain with rockly exposure and interrim soil.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted within the time limits	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Land use pattern is same from last 2011.	

9d	Scrutiny of Annual return on afforestation	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Lessee has not planted any sapling, because the mine is non working from 2011
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	There is no Mineral Rejects generation
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Mine is not Working because want of Statuary Clearances from 2011
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Nil
9h	Scrutiny of Annual return on fixed assets	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Nil
9k	Scrutiny of Annual return on mining machineries	Annual Return for 2017-2018 yet to be submitted and time limit is upto 1 July 2018	Nil

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)	11/05/2018			
MCDR17	Rule 26(2)	11/05/2018			
MCDR17	Rule 27(1)	11/05/2018			
MCDR17	Rule 27(2)	11/05/2018			
MCDR17	Rule 33	11/05/2018			

Date :

(G. S. KANNAN)

Indian Bureau of Mines