

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BJP/LST-94/GOA

Mine code : 38KAR26074

- (i) Name of the Inspecting : VT01) VIDYADHAR V.TARI
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : S/SHRI. A.B.ANAGAL, LESSEE & SIDDAPPA MADAR, MINES MA
Official with
Designation
- (iv) Date of Inspection : 28-JUN-21
- (v) Prev.inspection date : 12-DEC-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : NAGANPUR (M.L.NO.2609)
- (b) **Registration NO.** :
- (c) **Category** : A Other Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : BAGALKOT
- Village : NAGANAPUR
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code : 587313
- FAX No. : 08350-282963
- E-mail : srishaminerals@gmail.com
- Phone : 9448342963
- (f) **Police Station** : LOKAPUR
- (g) **First opening date** : 05-AUG-09
- (h) **Weekly day of rest** : TUE
2. **Address for correspondance** : AT-NAGANAPUR
TQ-MUDHOL
DIST-BAGALKOT, KARNATAKA
3. (a) **Lease Number** : KAR1579
- (b) **Lease area** : 4.86
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 09-JUL-29
4. **Mineral worked** : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : A.B.ANAGAL
 ANAND NAGAR MUDHOL TQ-
 MUDHOL BAGALKOT KARNATAKA
 Phone:09448342963
 FAX :

Owner : A.B.ANAGAL
 VILLAGE-NAGANAPUR TALUKA-
 MUDHOL BAGALKOT KARNATAKA
 Phone: 9448342963
 FAX : 08350-282963

Geologist

Name : A Vijaykumar, Full Time
 Qualification : MSC Geology
 Appointment/ : 01-NOV-14
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	27-NOV-08
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	31-JUL-14
	:	MP modif under 17(3) MCR 2016	28-JAN-19

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	07 Boreholes had been drilled in the year 2016-17 against the proposal of 02 Boreholes in the year 2015-16
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposal is given for the year 2020-21.	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	The entire lease area is covered under Geological axis 1 or 2
1e	Balance reserve as on 01/04/20		Total Reserves of Limestone is 2.9 Million Tonnes and Dolomite is 0.2 Million Tonnes	As on 01.04.2021
1f	General remarks of inspecting officers on geology, exploration etc			No exploration proposal is given for the year 2020-21. Entire lease area is covered under Geological axis 1 or 2

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Proposal is given in the existing pit as shown over Development Plan.	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in overburden and mineral is proposed	Nil	Three nos. of benches are observed

2c	Stripping ratio or ore to OB ratio	1:1.05 in the year 2020-21	Nil	
2d	Quantity of topsoil generation in m3	386 m3 in the year 2020-21	Nil	
2e	Quantity of overburden generation in m3	1619 m3 in the year 2020-21	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mining operations were not carried as per the proposals. Violation of Rule 11(1) is pointed out to lessee.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit	As per the proposal, only single pit is available / present	
3b	Quantity of ROM mineral production proposed	Limestone - 75000 tons and Dolomite - 5000 tons during 2020-21	Nil	Due to lack of market demand & COVID'19 situation as stated by the lessee.
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.	Nil	Nil	
3f	Quantity of sub grade mineral generation.	Nil	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	Proposed to drill by Jack Hammer	Nil	
3k	Provision of mining machineries in mineral benches	Manual	Manual	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of the benches proposed is 3m	However, regular pit benches of 3m height and 8m width are not maintained. Instead bench height of about 6m and above observed at places.	Violation in this regard is issued to lessee.
3m	Total area covered under excavation/pits	2.6 Ha	2.6 Ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.04	1:0.04	
3o	Total area put in use under different heads at the end of year	Total 4.3017 Ha. as per the approved MMP (plan period ending 2023-24)	Total 3.3709 Ha. at the start of plan period i.e. 2019-20	
3p	Production of ROM mineral during the last five year period as applicable	16-17 = 100000 Tons 17-18 = 100000 Tons 18-19 = 100000 Tons 19-20 = 80000 Tons 20-21 = 80000 Tons	16-17 = 80000 Tons 17-18 = 83000 Tons 18-19 = 50000 Tons 19-20 = Nil 20-21 = Nil	
3q	General remarks of inspecting officers on method of mining etc.			During 2020-21, no production from mine is reported. However, lessee has dispatched 30358.620 tons of Limestone from the available old stock.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed separately only for (OB Dump)	Separate OB Dump have been made	
4b	Location of topsoil, OB and mineral reject dumps	Overburden dump is proposed in the North Western side of the lease area.	Overburden dump is located in the North Western side of the lease area	During the year 2020-21 there is no handling of OB
4c	Number of dumps within lease area and outside of lease area	Dump proposed within lease area = 01 and outside lease area = 00	Dump within lease area = 01 and outside lease area = 00	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Proposed within UPL (North West side)	Temporary dump is located within UPL	
4e	Number of active and alive dumps.	01	01	
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.	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dumps			
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			One waste/overburden dump has been made in North Western side of the lease area. Retaining wall and garland drain is constructed all along.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Backfilling is not proposed	Nil	No part of the lease area has matured for backfilling
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.			Backfilling / Reclamation has not been envisaged since mineral has not been exhausted from any part of the lease area.

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).	Before 1st July every year	Not Submitted	Violation issued in this regard
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	
6c	afforestation done (ha).	0.1 Ha during plan period	60 plants reported to be planted during 2020-21 within lease area all along 7.5m safety barrier with 80% survival rate	
6d	No. of saplings planted during the year	50 plants proposed	60 plants reported to be planted during 2020-21 within lease area all along 7.5m safety barrier with 80% survival rate	

6e	Cumulative no .of plants	250 plants during plan period	
6f	Any other method of rehabilitation	No proposal	Not applicable
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	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 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	50 plants proposed	60 plants reported to be planted during 2020-21 within lease area all along 7.5m safety barrier with 80% survival rate

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Along M.L.Boundary in 7.5m. safety zone	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	By plantation	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring is done by private consultant	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mineral has not been exhausted from the pit hence backfilling / reclamation and rehabilitation has not been envisaged.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM / Gradewise dispatch proposed after sizing and manual sorting.	During 2020-21, no production from mine is reported. However, lessee has dispatched 30358.620 tons of Limestone from the available old stock after sizing and manual sorting.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Yes	Different grade of mineral sorted out at mines	
7d	Any beneficiation process at mines .	Dry processing of mineral like crushing and screening is proposed	Dry processing of mineral like crushing and screening is done.	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Gradewise mineral is being dispatched after manual sorting and / or dry crushing as per the requirement
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	During 2020-21, 695 tons of topsoil was proposed to be handled.	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dump for OB/Waste	Separate dump for OB/Waste is maintained as per the proposal.	
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)	Proposed	During 2020-21, 60 plants reported to be planted within lease area all along 7.5m safety barrier.	
8g	Survival rate	Not specified	80%	

8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling is being carried out on regular basis	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty around the mining area is good and impact on environment due to mining is less due to small scale mining operation.

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 May'2021 & A.R. Submitted up to 2020-2021	Submitted within time limit.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Mining Engineer is indicated	Manager and Mining Geologist is appointed.	No Mining Engineer is appointed. Violation issued in this regard
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		Furnished	
9d	Scrutiny of Annual return on afforestation	50 plants proposed	60 plants reported to be planted during 2020-21 within lease area all along 7.5m safety barrier with 80% survival rate	
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	Graded Ore Stock of Limestone = 6579.60 tons and Dolomite = 3900.00 tons	Graded Ore Stock of Limestone = 6579.60 tons and Dolomite = 3900.00 tons	Graded stock is as per the Annual Return submitted for the year 2020-21
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex- Mine Price for BF grade Limestone is reported as Rs. 308.43 per tonne and Production Cost is Rs. 261.00 per tonne	Ex- Mine Price for BF grade Limestone is reported as Rs. 308.43 per tonne and Production Cost is Rs. 261.00 per tonne	As per the Annual Return submitted for the year 2020-21
9h	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries		Information on mining machinery is furnished	

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)	14-JUL-21			
MCDR17	Rule 26(2)	14-JUL-21			
MCDR17	Rule 55(1)(3)	14-JUL-21			

Date :

(VIDYADHAR V.TARI)

Indian Bureau of Mines