

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

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/LST-67/GOA

**Mine code :** 38KAR26049

- (i) Name of the Inspecting : **K03** ) **G. S. KANNAN**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Dr .A.Hugar, Lessee Son  
Official with  
Designation
- (iv) Date of Inspection : 01/08/2019
- (v) Prev.inspection date : 18/12/2018

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NAGANPUR (ML2400)**
- (b) **Registration NO.** : **IBM/6703/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :  
State : KARNATAKA  
District : BAGALKOT  
Village : NAGANPUR  
Taluka : MUDHOL  
Post office :  
Pin Code :  
FAX No. : 08350-240158  
E-mail : praveenhugar82@gmail.com  
Phone : 08350-340087, 9980730797(M
- (f) Police Station : Lokapur
- (g) First opening date : 11/06/2003
- (h) Weekly day of rest : TUE
2. Address for : M/s Shri Annadanesh Mines, Near Jaineswar Math  
correspondance Po-Lokapur-587122  
Tq-Mudhol, Dist-Bagalkot
3. (a) Lease Number : KAR1358
- (b) Lease area : 3.12
- (c) Period of lease : 20
- (d) Date of Expiry : 22/05/2023
4. Mineral worked : DOLOMITE Associated  
LIMESTONE Main

## 5. Name and Address of the

Lessee : GURUNATH B. HUGAR  
 NEAR JAINESWAR MATH P.O.  
 LOKAOUR TALUKA-MUDHOL  
 BAGALKOT KARNATAKA  
 Phone:  
 FAX :

Owner : GURUNATH B.HUGAR  
 SHRI ANNADANESH MINES NEAR  
 JAINESWAR MATH PO-LOKAPUR,  
 TQ-MUDHOL BAGALKOT  
 KARNATAKA  
 Phone: 08350-240087  
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	26/03/2003
Plan/Scheme of Mining		Modif.of approved Mining Plan	05/12/2005
		Mining Scheme rule 12 MCDR1988	17/03/2010
		Mining Scheme rule 12 MCDR1988	08/08/2013
		MP modif under 17(3) MCR 2016	10/05/2018

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	7 DTH boreholes are proposed in previous Scheme period.	6 Core Boreholes has been drilled during previous scheme period.	No Boreholes has been proposed during 2018-2019
1b	Exploration over lease area for geological axis 1 or 2	Geological axis - 1	Geological axis - 1	6 - Core boreholes were carried out in the lease area for Geological axis - 1, during previous scheme period with 165 meterage.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Own drilling and/ or Contract drilling machines were used for Exploration in the past.	6 boreholes were drilled during 2015. Total Rs. 2.55 lakhs was spent on exploration.	6 DDH with 165 meters has been drilled upto 2017-2018. Total expenditure towards exploration is 2.55 Lakhs
1d	Balance area to be explored to bring Geological axis in 1 or 2	Exploration was proposed out at 100m X 100m grid interval.	Exploration was carried out at 100m X 100m grid interval.	Entire area has been explored and under G-1. Entire area has been explored and no further boreholes has been proposed
1e	Balance reserve as on 01/04/20	As on 01.04.2019 Proved Mineral Reserves (111) = 906277 tons Pre-Feasibility Mineral Resources (221) = 466543 Tons. Inferred Mineral Resources (333) = 494504 Tons.	As on 01.04.2019 Proved Mineral Reserves (111) = 936277 tons Pre-Feasibility Mineral Resources (221) = 466543 Tons. Inferred Mineral Resources (333) = 494504 Tons.	Hence there is no mining activity during 2018-2019; 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	Geologically the top most area is more disturbed by Murram with Limestone
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	2018-2019 working proposal was N-1788750 to 178810/ E-537497 to 537525	2018-2019, Working was not carried out as per the proposal.	Mine is not Working during 2018-2019, for want of Statuary Clearances.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, proposed separate benches in OB & Mineral.	2018-2019, Working was not carried out as per the proposal.	Mine is not Working during 2018-2019, for want of Statuary Clearances.
2c	Stripping ratio or ore to OB ratio	1 : 0.095	Nil	
2d	Quantity of topsoil generation in m3	No Topsoil has proposed during 2018-2019	Nil, there is no topsoil generation in 2018-2019	
2e	Quantity of overburden generation in m3	OB waste is only intercalated waste. During 2018-2019 it is proposed 1263 tons	Nil, there is no waste generation in 2018-2019	Mine is not Working during 2018-2019, for want of Statuary Clearances.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Proposed 1263 tons of intercalated waste for 2018-2019	Nil, there is no waste generation in 2018-2019	Mine is not Working during 2018-2019, for want of Statuary Clearances.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	Development and production was proposed in Pit-1.	Development and production are carried out in single pit.	Mine is not Working during 2018-2019, for want of Statuary Clearances.
3b	Quantity of ROM mineral production proposed	The total target of ROM Production was 31263 tons during 2018-2019. Saleable production 30000 tons	Nil	Mine is not Working during 2018-2019, for want of Statuary Clearances.
3c	Recovery of sailable/usable mineral from ROM production	60%	Nil	
3d	Quantity of mineral reject generation	There is no Mineral Reject generation	There is no Mineral Reject generation	
3e	Grade of mineral rejects generation and threshold value declared.	Mineral reject- No Proposal. Threshold Value for Mineral rejects is not Declared	Mineral reject- No Proposal. Threshold Value for Mineral rejects is not Declared	
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 Generation of Subgrade Mineral	There is No Generation of Subgrade Mineral	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual Method	Manual Method	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Beneficiation Study is Proposed	Only Manual Picking of Ore from Intercalated Waste	Crusher has been installed for sizing and screening of ore

3j	Provision of drilling and blasting in mineral benches	Spacing - 1.00m Burden - 0.900m Depth - 3.00m It is Proposed to drill by Jack Hammer and blasting by using Slurry & ANFO	As per proposal the Drilling & Blasting are done	Mine is not Working during 2018-2019, for want of Statuary Clearances.
3k	Provision of mining machineries in mineral benches	Jack Hammer - 2 Tracker Compressor - 1 Excavator - 1 Tractors - 1 Tippers - 2	Nil	Mine is not Working during 2018-2019, for want of Statuary Clearances.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	In 2018-2019, Bench height of 3m was proposed in Mineral.	Nil	
3m	Total area covered under excavation/pits	1.550 hect area is proposed for Pit during 2018-2019	1.415 hect areas are under Pit only.	No change is area because of Non-working
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.095	Nil	
3o	Total area put in use under different heads at the end of year	Land use Pattern as on 01.04.2019. Mines = 1.550 hect Dump = 0.20 hect Mineral stock = 0.25 hect Road = 0.02 hect	Land use Pattern as on 01.04.2019. Mines = 1.415 hect Dump = 0.20 hect Mineral stock = 0.25 hect Road = 0.02 hect	

3p	Production of ROM mineral during the last five year period as applicable	2018-2019 = 30000 tons 2017-2018 = 49943 tons 2016-2017 = 49302 tons 2015-2016 = 47655 tons 2014-2015 = 49896 tons	2018-2019 = Nil 2017-2018 = 28000 tons 2016-2017 = 29770 tons 2015-2016 = 30000 tons 2014-2015 = 25558 tons	No Production during 2018-2019, Mine is not Working for want of Statuary Clearances.
3q	General remarks of inspecting officers on method of mining etc.	Semi Mechanized Method	Mine is not Working during 2018-2019, for want of Statuary Clearances.	

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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)	Proposed for Intercalated waste 2018-2019 as backfilling	Backfilling has been not done as per proposal	Violation has pointed out under Rule 11 (1)
4b	Location of topsoil, OB and mineral reject dumps	Backfilling has been proposed in Southern side of the lease area as restoration of safety zone	No Backfilling in the proposed area due to non-working during 2018-2019	
4c	Number of dumps within lease area and outside of lease area	Lease area = 1 Non Lease area = Nil	Lease area = 1 Non Lease area = Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	Outside UPL dump has formed during previous plan period
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	No proposal	Nil	
4g	Number of dumps established.	No proposal	Nil	

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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	Backfilling has been proposed in Southern side of the lease area as restoration of safety zone	No Backfilling in the proposed area due to non-working during 2018-2019

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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.	Partly backfill has been proposed in 7.5m safety barrier.	No backfilling done	Restoration of safety zone has been proposed, whereas not achieved. Violation has pointed out under Rule 11 (1)
5b	Area under backfilling of mined out area	0.13 ha has been proposed during 2018-2019 for restoration area.	Nil	Violation has pointed out under Rule 11 (1)
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Concurrent use	Nil	
5d	Total area fully reclaimed and rehabilitated	No Proposal	Nil	

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5e	General remarks of inspecting officers on backfilling and reclamation etc.	Partly backfill has been proposed in 7.5m safety barrier.	Restoration of safety zone has been proposed, whereas not achieved. Violation has pointed out under Rule 11 (1)
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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).	It should be submitted on or before 1st July every year.	Not Submitted for the year 2018-2019.	Violation has pointed out under Rule 26 (2)
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	Proposed 0.22 hect in 2018-2019	Nil achieved in 2018-2019	
6d	No. of saplings planted during the year	220 saplings for 2018-2019	Nil saplings achieved during 2018-2019	Violation has pointed out under Rule 11 (1)
6e	Cumulative no .of plants	503 nos proposed from 2013-2014 to 2017-2018	Cumulatively 605 nos achieved from 2013-2014 to 2017-2018	
6f	Any other method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch and care during the year	Nil	Nil	
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) 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	220 saplings proposed for 2018-2019	Nil saplings achieved during 2018-2019	Violation has pointed out under Rule 11 (1)
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Proposed 0.22 hect in 2018-2019	Nil achieved in 2018-2019	Violation has pointed out under Rule 11 (1)
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	Environment monitoring is carried out through own as well as private agency.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	220 saplings proposed for 2018-2019	Cumulatively 605 nos achieved from 2013-2014 to 2018-2019

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	31263/ ROM 30000/ Saleable Ore	Nil	Mine is not Working during 2018-2019, for 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 = +47% MgO = 0.5 - 1.5% SiO2 = 4.0 %	CaO = +47% MgO = 0.5 - 1.5% SiO2 = 4.0 %	
7d	Any beneficiation process at mines .	Manually sorting and sizing proposed	Manually sorting and sizing is being done	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	Lessee is using all the ore by blending with high grade ore. As per buyers specification	

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	
8b	Concurrent use or storage of topsoil	No Proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed backfilling for intercalated waste in the restoration of safety zone of lease area.	Nil	Violation has pointed out under Rule 11 (1)
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	It is proposed for restoring in safety zone.	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)	Proposed 220 saplings per year	Nil	Cumulatively 605 nos achieved from 2013-2014 to 2018-2019. Violation has pointed out under Rule 11 (1) for not achieved 2018-2019 proposal
8g	Survival rate	70%	Nil	
8h	Water sprinkling on roads to control airborne dust	Yes, it is proposed for water sprinkling on haul roads.	Daily Water tanker is spraying water on mines roads side to control airborne dust.	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Scanty vegetation, bushes, neem are observed in lease area	Surrounding area beyond lease area is greenery
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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 = June 2019 AR Submitted up to = 2017-2018	Both Annual & Monthly returns are submitting in online system. Annual return for 2018-2019 has not submitted and Violation has pointed out under Rule 45(5) (c) (i)	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	No Mining Engineer, Geologist. Only Mines mate is working as Permit Manager	It is advised to appoint mining engineer/ Geologist. Violation has pointed out under Rule 55(1) (3) (iii)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Annual return for 2018-2019 not submitted.	Violation has pointed out under Rule 45(5) (c) (i)
9d	Scrutiny of Annual return on afforestation	Nil	Annual return for 2018-2019 not submitted. As per proposal no saplings has been done during 2018-2019	Violation has pointed out under Rule 45(5) (c) (i)
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Annual return for 2018-2019 not submitted.	Violation has pointed out under Rule 45(5) (c) (i)
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Annual return for 2018-2019 not submitted.	Violation has pointed out under Rule 45(5) (c) (i)

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Annual return for 2018-2019 not submitted.	Violation has pointed out under Rule 45(5)(c)(i)
9h	Scrutiny of Annual return on fixed assets	Nil	Annual return for 2018-2019 not submitted.	Violation has pointed out under Rule 45(5)(c)(i)
9k	Scrutiny of Annual return on mining machineries	Nil	Annual return for 2018-2019 not submitted.	Violation has pointed out under Rule 45(5)(c)(i)

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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)	06/08/2019			
MCDR17	Rule 26(2)	06/08/2019			
MCDR17	Rule 35(2)	06/08/2019			
MCDR17	Rule 45(5) (c	06/08/2019			
MCDR17	Rule 55(1) (3)	06/08/2019			

**Date :**

**(G. S. KANNAN)**

Indian Bureau of Mines