

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BJP/LST-83/GOA

Mine code : 38KAR26067

- (i) Name of the Inspecting : **K03**) **G. S. KANNAN**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri.Ramakrishna Rao, Lessee Representative
Official with
Designation
- (iv) Date of Inspection : 30/08/2018
- (v) Prev.inspection date : 08/12/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MUDDAPUR (ML. NO. 2513)**
- (b) **Registration NO.** : **IBM/6167/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : BAGALKOT
Village : MUDDAPUR
Taluka : MUDHOL
Post office : MUDDAPUR
Pin Code :
FAX No. :
E-mail : shmkkm@gmail.com
Phone : 9440257207
- (f) Police Station : LOKAPUR
- (g) First opening date : 23/05/2007
- (h) Weekly day of rest : TUE
2. Address for : M/s HANUMAN MINERALS
correspondance AT-MUDDAPUR
TQ-MUDHOL, DIST-BAGALKOT, KARNATAKA
3. (a) Lease Number : KAR1532
- (b) Lease area : 4.23
- (c) Period of lease : 20
- (d) Date of Expiry : 19/02/2026
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : K. KASI VISWANADHAN
 POST-MUDDAPUR VILLAGE,
 TALUKA-MUDHOL, BAGALKOT
 KARNATAKA
 Phone:09440257207
 FAX :

Owner : K. KASHIVISHVANATHAN
 AT- MUDDAPUR TQ-MUDHOL
 BAGALKOT KARNATAKA
 Phone:
 FAX :

Manager

Name : K.R.SHIVANAJAPPA
 Qualification : SSLC WITH MINE FOREMAN CERTIFICATE
 Appointment/ : 23/05/2007
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	16/02/2005
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	16/01/2008
	:	Mining Scheme rule 12 MCDR1988	17/06/2013

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	3 Core Boreholes Proposed in Plan period	No Boreholes has drilled	Violation has pointed out under Rule 11(1)
1b	Exploration over lease area for geological axis 1 or 2	3 - Additional exploration was proposed in mining Scheme over the lease area for Geological axis - 1	Additional exploration was not carried out in the lease area for Geological axis - 1	Total 3 boreholes were drilled with 60m drilling under G-2
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.	Total 3 boreholes were drilled during 2012. Total Rs. 0.50 lac was spent on exploration.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Exploration was proposed out at 100m X 100m grid interval. Additional exploration was proposed in Plan period.	Exploration was not carried out at 100m X 100m grid interval. Balance area of 4.23 hect area has to be explored for availability of ore from G-2/3 to G-1.	

1e	Balance reserve as on 01/04/20	As on 01.04.2018 Proved Mineral Reserves (111) = 145918 Tons Probable Mineral Reserves (122) = 2936 Tons Pre-Feasibility Mineral Resources (211) = 13363 Tons Pre-Feasibility Mineral Resources (222) = 68887 Tons	As on 01.04.2018 Proved Mineral Reserves (111) = 147918 Tons Probable Mineral Reserves (122) = 2936 Tons Pre-Feasibility Mineral Resources (211) = 13363 Tons Pre-Feasibility Mineral Resources (222) = 68887 Tons	Hence there is no mining activity; R & R has not been changed from 01.04.2013.
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	No Proposal	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal	Nil	

2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	
2d	Quantity of topsoil generation in m3	No Proposal	Nil	
2e	Quantity of overburden generation in m3	No Proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	There is no valid mining plan from 2017.	Mine is not working from 2013 for want of EC.	Violation has pointed out under Rule 11(4)

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal	Nil	
3b	Quantity of ROM mineral production proposed	No Proposal	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No Proposal	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No Proposal	Nil	
3f	Quantity of sub grade mineral generation.	No Proposal	Nil	
3g	Grade of sub grade mineral generation	No Proposal	Nil	

3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	Nil	
3j	Provision of drilling and blasting in mineral benches	No Proposal	Nil	
3k	Provision of mining machineries in mineral benches	No Proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	Nil	
3m	Total area covered under excavation/pits	No Proposal	Nil	
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal	Nil	
3o	Total area put in use under different heads at the end of year	Land use Pattern as on 01.04.2018. Mines = 1.18 hect Dump = 0.31 hect Infra = 0.01 hect Mine road = 0.05 hect Green Belt = 0.59 hect	Land use Pattern as on 01.04.2018. Mines = 0.29 hect Dump = 0.10 hect Mine road = 0.04 hect Green Belt = 0.07 hect	There are no Changes in land use Pattern from 2013 because of Non-Working.

3p	Production of ROM mineral during the last five year period as applicable	2017-2018 = No Proposal 2016-2017 = 5000 tons 2015-2016 = 5000 tons 2014-2015 = 5000 tons 2013-2014 = 5000 tons	No 2017-2018 = Nil 2016-2017 = Nil 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil	From 2013 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.	There is no valid mining plan from 2017.	Mine is not working from 2013 for want of EC.	Violation has pointed out under Rule 11(4)

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	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No Proposal	Nil	
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.	No Proposal	Nil	
4g	Number of dumps established.	No Proposal	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	There is no valid mining plan from 2017.	Mine is not working from 2013 for want of EC.	Violation has pointed out under Rule 11(4)

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	Nil	
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.	There is no valid mining plan from 2017.	Mine is not working from 2013 for want of EC.	Violation has pointed out under Rule 11(4)

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).	It should be on or before 1st July every year.	Not Submitted	Violation has pointed out under Rule 26 (2)
6b	Area available for rehabilitation (ha) .	No Proposal	Nil	
6c	afforestation done (ha).	No Proposal	Nil	
6d	No. of saplings planted during the year	No Proposal	Nil	
6e	Cumulative no .of plants	No Proposal	Nil	
6f	Any other method of rehabilitation	No Proposal	Nil	
6g	Cost incurred on watch and care during the year	No Proposal	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No Proposal	Nil	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No Proposal	Nil	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No Proposal	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No Proposal	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No Proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There is no valid mining plan from 2017.	Mine is not working from 2013 for want of EC.	Violation has pointed out under Rule 11(4)

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposal	Nil	
7c	Different grade of mineral sorted out at mines.	No Proposal	Nil	
7d	Any beneficiation process at mines .	No Proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There is no valid mining plan from 2017.	Mine is not working from 2013 for want of EC.	Violation has pointed out under Rule 11(4)

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
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)	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)	No Proposal	Nil	
8g	Survival rate	No Proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	No Proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Scanty vegetation, bushes, neem are observed in lease area	Degraded Mining Land	Mine is not working from 2013 for want of EC.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly & Annual Returns not submitted	Both Annual & Monthly returns are not submitted in online system for last three years.	Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9d	Scrutiny of Annual return on afforestation	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9h	Scrutiny of Annual return on fixed assets	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)

9k	Scrutiny of Annual return on mining machineries	Nil	Monthly & Annual Returns has not submitted for last 3 years	Mine is not working from 2013 for want of EC. Violation has pointed out under Rule 45(5)(b)(i) & 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)	11/09/2018			
MCDR17	Rule 11(4)	11/09/2018			
MCDR17	Rule 26(2)	11/09/2018			
MCDR17	Rule 27(1)	11/09/2018			
MCDR17	Rule 27(2)	11/09/2018			
MCDR17	Rule 28(1)	11/09/2018			
MCDR17	Rule 45(5) (k)	11/09/2018			
MCDR17	Rule 45(5) (c)	11/09/2018			

Date :

(G. S. KANNAN)

Indian Bureau of Mines