

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

MCDR INSPECTION REPORT

Bangalore regional office

Mine file No : KNT/MYS/KY/4/BNG

Mine code : 33KAR14004

- (i) Name of the Inspecting : **S011**) **K.SRINIVAS**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri Sivayogi, representative of the lessee.
Official with
Designation
- (iv) Date of Inspection : 11/03/2016
- (v) Prev.inspection date : 23/01/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KARGILA**
- (b) **Registration NO.** : **IBM/14667/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : KARNATAKA
- District : MYSORE
- Village : KARGILA
- Taluka : H.D.KOTE
- Post office : HAMPAPURA
- Pin Code :
- FAX No. : geokuvalai@gmail.com,
- E-mail : akram.mohammed25@yahoo.com
- Phone : 09880249710,shivayogi.ec@gr
- (f) Police Station : Hampapura
- (g) First opening date : 28/04/1979
- (h) Weekly day of rest : SUN
2. Address for : NO 3 MARCHAHALLI VILLAGE
correspondance HAMPAPURA P.O. H.D. TALUK
DISTRICT MYSORE - 571125
3. (a) Lease Number : KAR0728
- (b) Lease area : 40.47
- (c) Period of lease : 20
- (d) Date of Expiry : 03/06/1997
4. Mineral worked : KYANITE Main
IRON ORE Associated

5. Name and Address of the

Lessee : MOHAMMED AKRAM
 # 104/105, RAGHAVENDRA
 BUILDING, N.S.ROAD, MYSORE
 KARNATAKA
 Phone:
 FAX :

Owner : MOHAMMED AKRAM
 # 104/105, RAGHAVENDRA
 BUILDING, N.S.ROAD, MYSORE
 KARNATAKA
 Phone:
 FAX :

Geologist

Name : B.M.SUDHEENDRA KUMAR, Full Time
 Qualification : MSc
 Appointment/ : 14/06/1999
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	17/08/1999
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	19/12/2007

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	15 trial pits	Nil	Operations have not been carried out for want of forest clearance.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	The lessee Not specified the expenditures.	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not specified	Nil	
1e	Balance reserve as on 01/04/20	-	-	The reserves as on 1.4.2015 is 96,209 tonnes (111).
1f	General remarks of inspecting officers on geology, exploration etc	-	-	The exploratory trial pits have been proposed during 2015-16. Due to lack of forest clearance, the exploration could not be carried out and no violation has been issued. The mine was already under the temporary discontinuance of mining operations since June 2014 till date of inspection. This is float ore deposit.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North to South of M1	nil	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Nil	
2c	Stripping ratio or ore to OB ratio	1:2.12	Nil	Mine is not working.
2d	Quantity of topsoil generation in m3	5875 cu.m	Nil	
2e	Quantity of overburden generation in m3	14100cu.m	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	Mining operations were not carried out due to lack of clearance from Forest Department.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	nil	
3b	Quantity of ROM mineral production proposed	19241 tonnes	nil	
3c	Recovery of sailable/usable mineral from ROM production	100%	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	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Nil	
3j	Provision of drilling and blasting in mineral benches	Not proposed.	Nil	This is float ore deposit.
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 Proposals	nil	
3m	Total area covered under excavation/pits	Not specified	Nil	
3n	Ore to OB ratio for the pit/mine during the year.	1:2.12	Nil	
3p	Production of ROM mineral during the last five year period as applicable	2010-11:26880 t 2011-12:26880 t 2012-13:26880 t 2013-14:26880 t 2014-15:26880 t	2010-11: 1197 t 2011-12: nil 13: Nil 1416 t	2012-2013-14: Nil 2014-15: Nil

3q	General remarks - of inspecting officers on method of mining etc.	-	The proposed mining operations are manual. However, the mine was not in operation during the year 2015-16 due to lack of clearance from Forest Department.
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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)	No proposal	Nil	
4b	Location of topsoil, OB and mineral reject dumps	The excavated area	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposals	nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposals	nil	
4e	Number of active and alive dumps.	No proposals	nil	
4f	Number of dead dumps.	No proposals	nil	
4g	Number of dumps established.	No proposals	nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	nil	
4i	Length of Retaining wall or garland drain all along dumps	No proposals	nil	

4j	Number of settling ponds	No proposals	nil	
4k	Specific comments of inspecting officer on waste dump management	-	-	No separate area for dumping proposed , since the waste is left in the excavated area after extraction.

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 proposals	nil	
5b	Area under backfilling of mined out area	No proposals	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	nil	
5d	Total area fully reclaimed and rehabilitated	No proposals	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	No backfilling proposals during the scheme period.

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).	-	submitted
6b	Area available for rehabilitation (ha) .	No proposals	nil
6c	afforestation done (ha).	No proposals	nil
6d	No. of saplings planted during the year	No proposals	nil
6e	Cumulative no .of plants	No proposals	nil
6f	Any other method of rehabilitation	No proposals	nil
6g	Cost incurred on watch and care during the year	No proposals	nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposals	nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposals	nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposals	nil

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposals	nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposals	nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposals	nil	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposals	nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposals	nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposals	nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	No specific comments.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes	Yes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	One grade	one grade	
7d	Any beneficiation process at mines .	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	This is a float deposit.ROM is sorted manually and transported.

Environment:

Sl.No.	Item	Propasals	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	After excavation, the waste will be used for restoring the land.
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	Nil	The lease is not in operation.
8g	Survival rate	not specified	not specified	
8h	Water sprinkling on roads to control airborne dust	No proposals	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	The mine was not in operation due to lack of clearance from Forest Department.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR not submitted for the year 2014-15.	-	The violation has already been issued to the lessee.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	-	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	-	-
9d	Scrutiny of Annual return on afforestation	NA	-	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	-	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	-	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	-	-
9h	Scrutiny of Annual return on fixed assets	NA	-	-
9k	Scrutiny of Annual return on mining machineries	NA	-	-

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

Date :
(K.SRINIVAS)

Indian Bureau of Mines