

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

Review and updation of Mining Plan REPORT

Bangalore regional office

Mine file No : KNT/TMK/CL-6/BNG

Mine code : 12KAR19001

- (i) Name of the Inspecting : S011) K.SRINIVAS
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Nagaraj, Managing Partner and Sri Prasanna, QP
Official with
Designation
- (iv) Date of Inspection : 30/06/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : KAREKURICHI CLAY MINE
- (b) **Registration NO.** : IBM/7139/2011
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : TUMKUR
- Village : KAREKURCHI
- Taluka : TITPUR
- Post office : TIPTUR
- Pin Code : 572216
- FAX No. :
- E-mail :
- Phone : 08131222319
- (f) **Police Station** :
- (g) **First opening date** :
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : B H ROAD, GUBBI - 572216
TUMKUR
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : MANGANESE ORE Associated

5. Name and Address of the

Lessee : JAYRAM MINERALS
TUMKUR KARNATAKA
Phone:
FAX :

Owner : JAYARAM MINERALS
TUMKUR KARNATAKA
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	7 pits and 3 trenches	For G1 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	No proposals	nil	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Rs 42000/-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	not specified	-
1e	Balance reserve as on 01/04/20	-	-	The reserves Manganese ore as on 1.4.2016 is 63539 tonnes
1f	General remarks of inspecting officers on geology, exploration etc	-	-	The mine was not in operation for the period more than five years. There are no approved proposals for exploration.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposals	nil	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	nil	-
2c	Stripping ratio or ore to OB ratio	No proposals	nil	-
2d	Quantity of topsoil generation in m3	No proposals	nil	-
2e	Quantity of overburden generation in m3	No proposals	nil	-

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	There are no approved proposals for development.
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Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No proposals	nil	-
3b	Quantity of ROM mineral production proposed	No proposals	nil	-
3c	Recovery of sailable/usable mineral from ROM production	No proposals	nil	-
3d	Quantity of mineral reject generation	No proposals	nil	-
3e	Grade of mineral rejects generation and threshold value declared.	No proposals	nil	-
3f	Quantity of sub grade mineral generation.	No proposals	nil	-
3g	Grade of sub grade mineral generation	No proposals	nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals	nil	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals	nil	-
3j	Provision of drilling and blasting in mineral benches	No proposals	nil	-

3k	Provision of mining machineries in mineral benches	No proposals	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	No proposals	nil	-
3n	Ore to OB ratio for the pit/mine during the year.	No proposals	-	-
3o	Total area put in use under different heads at the end of year	No proposals	nil	-
3p	Production of ROM mineral during the last five year period as applicable	2012-13: 31400t 2013-14: 32600t 2014-15: 33000t 2015-16: 34000t 2016-17: Nil	2012-13: nil 2013-14: nil 2014-15: nil 2015-16: nil 2016-17: Nil	-
3q	General remarks of inspecting officers on method of mining etc.	-	-	-

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	Nil	-
4b	Location of topsoil, OB and mineral reject dumps	No proposals	-	-
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	-	-	There are no approved proposals for waste dump management.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	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 approved proposals for backfilling and reclamation.
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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).	No proposals	nil	-
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	-	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	There is no approved PMCP proposals.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals	nil	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals	nil	-
7c	Different grade of mineral sorted out at mines.	No proposals	nil	-
7d	Any beneficiation process at mines	No proposals	nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	No specific comments.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	nil	-
8b	Concurrent use or storage of topsoil	No proposals	nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	nil	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals	nil	-

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals	nil	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposals	nil	-
8g	Survival rate	No proposals	nil	-
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	-	-	There is no change in aesthetic beauty in and around the mines.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	No monthly and annual returns have been submitted.	-	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not applicable	nil	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	nil	nil	-
9d	Scrutiny of Annual return on afforestation	nil	nil	-

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	No proposals	nil	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	nil	nil	-
9h	Scrutiny of Annual return on fixed assets	nil	nil	-
9k	Scrutiny of Annual return on mining machineries	nil	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

Date :

(K.SRINIVAS)

Indian Bureau of Mines