

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

Review and updation of Mining Plan REPORT

Bangalore regional office

Mine file No : KNT/CTD/LST/15/BNG

Mine code : 38KAR07019

- (i) Name of the Inspecting : **P005**) **C.PARAMESHWARAN**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri. B. Ramaswamy, representative of the company.
Official with
Designation
- (iv) Date of Inspection : 16/03/2018
- (v) Prev.inspection date : 25/11/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ITTIGEHALLI (ML 1862)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : CHITRADURGA
Village : ITTIGEHALLI
Taluka : HOSADURGA
Post office : GUDDADANERLEKERE
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number : KAR1092
(b) Lease area : 48.36
(c) Period of lease : 20
(d) Date of Expiry : 17/01/2003
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : MYSORE HOUSING CO. (P) LTD.
CHITRADURGA KARNATAKA
Phone:
FAX :

Owner : MYSORE HOUSING CO. (P) LTD.
CHITRADURGA KARNATAKA
Phone:
FAX :

6. Date of approval of Mining : Renewal under rule 22 MCR1960 05/12/2003
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 13/08/2009

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Yes 06 nos. core bore holes proposals drawn for the year 2018-19	The mine is yet to start.	Lessee trying to start with the approval from the state.
1b	Exploration over lease area for geological axis 1 or 2	G1=9.81 ha & need to convert G3 of 71.13 ha to G1 scale in the coming years.	Yet to start.	Still mine is not commenced.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Proposed	Not yet commenced, also not indicated the amount.	Yes no details available.
1d	Balance area to be explored to bring Geological axis in 1 or 2	G3 to G1 is 71.13 ha	Yes as above.	Not started to comment.
1e	Balance reserve as on 01/04/20	proposed	23617249t of +35.48% to 53.60%Cao.	same no change.
1f	General remarks of inspecting officers on geology, exploration etc	Lessee given proposals.	But due to non getting permission from state, mine is yet to start.	Lessee awaits for the permission.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Given in the document.	Yes it is on the eastern side of pit no.1.	Appropriate.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Given in the proposals.	Yes it is for OB & Minerals only.	Yes Mineral & OB only.
2c	Stripping ratio or ore to OB ratio	Given	1:0.40	No chance to comment due to non working.
2d	Quantity of topsoil generation in m3	Proposed.	Nil	Nil

2e	Quantity of overburden generation in m3	307692t	Nil	Nil, due to non working.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Proposed in pit no.1.	Nil	Nil

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Pit one only	NIL	Non operational.
3b	Quantity of ROM mineral production proposed	proposed for 600000t	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	proposed for 60%	NIL	NIL
3d	Quantity of mineral reject generation	No proposals.	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	No proposals.	NIL	NIL
3f	Quantity of sub grade mineral generation.	No proposals.	NIL	NIL
3g	Grade of sub grade mineral generation	No proposals.	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	proposed.	Mechanized.	But still no change.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Nil

3j	Provision of drilling and blasting in mineral benches	Yes given	Not yet started.	Nil
3k	Provision of mining machineries in mineral benches	Given	Yet to commence.	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Given	Suitable, but yet to start.	NIL
3m	Total area covered under excavation/pits	Proposals given	5.15 ha.	same no change.
3n	Ore to OB ratio for the pit/mine during the year.	Given	1:0.40	No change.
3o	Total area put in use under different heads at the end of year	5.15 ha	same area.	same
3p	Production of ROM mineral during the last five year period as applicable	Proposals given	Not working since long due to lack of planning.	NIL
3q	General remarks of inspecting officers on method of mining etc.	Given proposals.	But lessee not started mining due to no permission from the concerned state.	NO CHANGE

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping proposed of topsoil, OB and mineral rejects (Rule 32,33)		no work	NOT YET
4b	Location of topsoil, OB and mineral reject dumps	SSE for OB	Not yet started.	same no change.
4c	Number of dumps within lease area and outside of lease area	One only.	One small old one.	No change.

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Away from the UPL.	Yes given away from the UPL.	Same, no change.,
4e	Number of active and alive dumps.	None.	NIL	NIL
4f	Number of dead dumps.	None.	NIL	NIL
4g	Number of dumps established.	None.	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	NIL	NIL
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Nil
4j	Number of settling ponds	No proposals.	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	Proposed for systematic work	Mine is yet to start to comment up on.	Nothing, same situtaion prevails.

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 in the approved document.	No area is matured for such work.	NIL
5b	Area under backfilling of mined out area	No proposals in the approved document.	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals in the approved document.	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	No proposals in the approved document.	NIL	NIL

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposals in the approved document.	NIL	NIL
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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).	Not submitted.	Due to non working status.	NIL
6b	Area available for rehabilitation (ha) .	No proposals in the approved document.	NIL	NIL
6c	afforestation done (ha).	No proposals in the approved document.	NIL	NIL
6d	No. of saplings planted during the year	2009-16	1600nos.	same as above.
6e	Cumulative no .of plants	given	1600 nos only	No change,
6f	Any other method of rehabilitation	No proposals in the approved document.	NIL	NIL
6g	Cost incurred on watch and care during the year	No proposals in the approved document.	NIL	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposals in the approved document.	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposals in the approved document.	NIL	NIL

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposals in the approved document.	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposals in the approved document.	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposals in the approved document.	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposals in the approved document.	NIL	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposals in the approved document.	NIL	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposals in the approved document.	NIL	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposals in the approved document.	NIL	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposals in the approved document.	yes no such work is possible at this state.	NIL

Mineral Conservation:

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

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed.	NIL	NIL
8b	Concurrent use or storage of topsoil	No proposals.	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Given for OB & not for Top soil & rejects.	As on date nothing has been done due to non working.	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals.	NIL	NIL

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals.	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposals.	NIL	Proposed one done, but whatever the existing plantations are of shrubs and bushes with thorny in nature.
8g	Survival rate	No proposals.	NIL	NIL
8h	Water sprinkling on roads to control airborne dust	Proposed.	Now no operation in the mine.	Except natural.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposals.	NIL	NIL, all naturally taken care.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	not submitted	Non working mine.	no comments.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	Mine not working. Lessee trying to get permission to start.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not submitted	No return to give comments, however as per the financial assurance table it is for 5.15 ha.	NIL
9d	Scrutiny of Annual return on afforestation	Not submitted	reported in the MP document about the plantation of 1600 nos.	SAME

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	NIL
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	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 :

(C.PARAMESHWARAN)

Indian Bureau of Mines