

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

Mining Plan Modification REPORT

Bangalore regional office

Mine file No : KNT/TMK/FE/2/BNG

Mine code : 30KAR19016

- (i) Name of the Inspecting : **S011**) **K.SRINIVAS**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Ramasubba Reddy and others
Official with
Designation
- (iv) Date of Inspection : 31/05/2019
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HIND**
- (b) **Registration NO.** : **IBM/198/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : KARNATAKA
District : TUMKUR
Village : HANNEBAGI
Taluka : HANNEBAGI
Post office : CHIKKANAYAKANAHALLY
Pin Code : 572214
FAX No. : 080-22200452 (F),
E-mail : bpc.ckh@g-mail.com,bpccnha.
Phone : 08133 - 268249,080-2220045:
- (f) Police Station : CHIKKANAYAKANAHALLI
- (g) First opening date : 18/12/1995
- (h) Weekly day of rest : MON
2. Address for : M/s BALAJI PRODUCE COMPANY, NO. 1,
correspondance AHUJA CHAMBERS, 3RD FLOOR, NO. 306,
KUMARAKRUPA ROAD, BANGALORE 560079
3. (a) Lease Number : KAR0443
- (b) Lease area : 129.5
- (c) Period of lease : 20
- (d) Date of Expiry : 30/04/1992
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : BALAJI PRODUCE COMPANY
 29, ARCH BISHOP M AVENUE,
 CHENNAI, CHENNAI CITY TAMIL
 NADU
 Phone:044-4354495
 FAX :

Owner : BALAJI PRODUCE COMPANY
 #29, ARCH BISHOP MATHIAS
 AVEN, CHENNAI, CHENNAI CITY
 TAMIL NADU
 Phone:
 FAX :

Agent : B.S.NAVAB
 AZAD NAGAR, HIRIYUR,
 TUMKUR KARNATAKA
 Phone: 0893-27782
 FAX :

Mining Engineer

Name : CHANDRASHEKAR.N.K,Full Time
 Qualification : D.MINI.ENG
 Appointment/ :
 Termination date

Manager

Name : H.C.SHIVASHANKAR
 Qualification : DIP.IN.MINING ENGG
 Appointment/ : 23/03/2006
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	23/12/1991
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	29/04/2003
		Mining Scheme rule 12 MCDR1988	05/08/2005
		Mining Scheme rule 12 MCDR1988	29/05/2015
		Modif.approved Mining Scheme	11/03/2016

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	No proposals	nil	No proposals for the year 2018-19.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	nil	-
1e	Balance reserve as on 01/04/20	-	-	Reserves as on 1.4.2019 is 20.18MMT (Iron ore) (111).
1f	General remarks of inspecting officers on geology, exploration etc	-	-	There are no approved proposals for the year 2018-19 and the mine was not working since 2014.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Barrier - II	Nil	the mining operations suspended by the Forest Department in the year 2014, since then the mine was not in operation.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes	nil	-
2c	Stripping ratio or ore to OB ratio	1:0.05	nil	-
2d	Quantity of topsoil generation in m3	nil	nil	-

2e	Quantity of overburden generation in m3	6470	nil	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	There are no operations in the lease area as the minig operations have been suspended during 2014 by the Forest Department.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	nil	-
3b	Quantity of ROM mineral production proposed	189525 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.	Not specified	nil	-
3f	Quantity of sub grade mineral generation.	Not specified	nil	-
3g	Grade of sub grade mineral generation	+45% to -55% Fe	nil	Subgrade is proposed to upgrade by beneficiation.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	nil	-

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Yes	nil	-
3j	Provision of drilling and blasting in mineral benches	yes	nil	-
3k	Provision of mining machineries in mineral benches	yes	nil	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	nil	-
3m	Total area covered under excavation/pits	Not specified	nil	-
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	Nil	-
3o	Total area put in use under different heads at the end of year	Not specified	Nil	-
3p	Production of ROM mineral during the last five year period as applicable	2014-15: 189180t 2015-16: 32469t 2016-17: 190000t 2017-18: 190350t 2018-19 : 189525t	Nil production for the last five years.	-
3q	General remarks of inspecting officers on method of mining etc.	-	-	There is no change in proposals in method of mining. However, the mine was not working.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	yes	nil	-
4b	Location of topsoil, OB and mineral reject dumps	Western side of the lease area.	nil	-
4c	Number of dumps within lease area and outside of lease area	four within two outside ML	four within two outside ML	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside	Outside	-
4e	Number of active and alive dumps.	one	one	-
4f	Number of dead dumps.	four dumps	four dumps	-
4g	Number of dumps established.	two dumps	two dumps	-
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	-	-	The mine was not working.

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 proposals for backfilling, reclamation etc.

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	The mine is not in operation since 2014.
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 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.	-	-	There are no specific approved proposals during the year 2018-19. However, the mine is not in operation since 2014.
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Mineral Conservation:

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

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)	1250 saplings	nil	-
8g	Survival rate	nil	nil	-
8h	Water sprinkling on roads to control airborne dust	Not specified	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 mine area.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR submitted upto April, 2019 AR submitted for the year 2018-19.	-	-

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	-	Mine was not working since 2014.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	-	-
9d	Scrutiny of Annual return on afforestation	Given	nil	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Given	-	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	nil	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Given	-	-
9h	Scrutiny of Annual return on fixed assets	Given	-	-
9k	Scrutiny of Annual return on mining machineries	Given	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