

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

Mining Plan Modification REPORT

Bangalore regional office

Mine file No : KNT/BLR/FE/291/BNG

Mine code : 30KAR03003

- (i) Name of the Inspecting : **P005**) **C.PARAMESHWARAN**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri G.K. Gaonkar, QP and Sri Khan, Manager
Official with
Designation
- (iv) Date of Inspection : 09/05/2018
- (v) Prev.inspection date : 10/08/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BALAJI**
- (b) **Registration NO.** : **IBM/157/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : KARNATAKA
- District : BELLARY
- Village : JAISINGPUR
- Taluka : SANDUR
- Post office : HOSPET
- Pin Code :
- FAX No. : 08394-224998,bmmp1.hstp@gma
- E-mail : tmltsp100@rediffmail.com
- Phone : 08394- 224998, 228308, 228:
- (f) Police Station : SANDUR
- (g) First opening date : 01/04/1966
- (h) Weekly day of rest : SUN
2. Address for : M/S. BALAJI MINES AND MINERALS(P)LTD
correspondance NO.322/3, 2ND FLOOR, SREE SAPTAGIRI ENCLAVE,
2nd FLOOR, COTTAGE ROAD, HOSPET,BELLARY-583201.
3. (a) Lease Number : KAR0167
- (b) Lease area : 22.66
- (c) Period of lease : 20
- (d) Date of Expiry : 24/09/2013
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : BALAJI MINES AND MINERALS(P)LTD
 VISHWA COMPLEX,
 J.M.BUILDING, STATION
 ROAD,HOSPET, BELLARY
 KARNATAKA
 Phone:08394-24998,28308,28279
 FAX :08394-24998

Owner : BALAJI MINES AND MINERALS(P)LTD
 VISHWA COMPLEX,
 J.M.BUILDING, STATION
 ROAD,HOSPET, BELLARY
 KARNATAKA
 Phone: 08394-24998,283
 FAX : 08394-24998

Agent : B.RAMA SUBBA REDDY
 BELLARY KARNATAKA
 Phone:
 FAX :

Mining Engineer

Name : SALIGRAM PRASAD,Full Time
 Qualification : AMIE & HOLDER OF FCMMCC
 Appointment/ :
 Termination date

Mining Engineer

Name : B.RAMA SUBBA REDDY,Full Time
 Qualification : BE MINING
 Appointment/ : 01/08/2006
 Termination date

Manager

Name : K.RAMESH REDDY
 Qualification :
 Appointment/ :
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Existing rule 11 MCDR1988	08/08/1990
		Modif.of approved Mining Plan	07/12/1992
		Renewal under rule 22 MCR1960	14/08/2002
		Modif.of approved Mining Plan	26/09/2005
		Mining Scheme rule 12 MCDR1988	18/09/2006
		Mining Scheme rule 12 MCDR1988	17/06/2008
		Mining Scheme rule 12 MCDR1988	04/07/2013
		MP modif under MCR 1960	22/09/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals.	Nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	No proposals.	Nil	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	proposaed for the previous years.	Rs. 27.48lakhs towards drilling.	With private agency.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals.	Nil	All the areas have been explored.
1e	Balance reserve as on 01/04/20	Givenin the approved document.	2041366t of reserves/ 2747810t of resources. as on 1/4/2015. and the same is given for 1/4/2018.	The same reserves/ resources reported. no mining no production till date.
1f	General remarks of inspecting officers on geology, exploration etc	No proposals.	No mining due to no permission.	Lease is going to expire by 31/03.2020.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North-East side of the Mining Lease	No work in the mine due to forest clearance problems.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	proposed for OB only.	NO work in the mine.	nil
2c	Stripping ratio or ore to OB ratio	1 : 0.20	no change	nil.
2d	Quantity of topsoil generation in m3	no proposals.	nil	nil
2e	Quantity of overburden generation in m3	27,249	nil	nil

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	given for systematic work	nil	nil.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit.	one pit only.	same
3b	Quantity of ROM mineral production proposed	80,000 tons/annum	nil	nil
3c	Recovery of sailable/usable mineral from ROM production	80,000 tons/annum	nil	nil
3d	Quantity of mineral reject generation	no propsals.	nil	nil
3e	Grade of mineral rejects generation and threshold value declared.	nil	nil	nil
3f	Quantity of sub grade mineral generation.	2,667 tons/year	nil	nil
3g	Grade of sub grade mineral generation	+45%Fe	nil	nil, no work.
3h	Manual / Mechanised method adopted for segregating from ROM	mechanical	Nil	No work
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals.	nil	nil
3j	Provision of drilling and blasting in mineral benches	given	nil	nil

3k	Provision of mining machineries in mineral benches	given	nil	nil, no permission
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	given	nil	nil
3m	Total area covered under excavation/pits	17.71 Ha.	same no change.	nil
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.02	nil	nil
3o	Total area put in use under different heads at the end of year	Mining: 17.71 Ha. Dump: 3.16 Ha. Stock: 0.54 Ha. Infrastr: 0.31 Ha. Road: 0.25 Ha. Gr.Belt: 1.10 Ha.	same no change.	same.
3p	Production of ROM mineral during the last five year period as applicable	2013-14: 80,000 2014-15: 80,000 2015-16: 80,000 2016-17: 80,000 2017-18: 80,000 (in tonnes)	nil production, due to non operational.	nil
3q	General remarks of inspecting officers on method of mining etc.	proposed for systematic mining.	no work.	nil

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Only OB	nil	nil

4b	Location of topsoil, OB and mineral reject dumps	Backfilling in no work the central part of the mining lease.		nil
4c	Number of dumps within lease area and outside of lease area	Inside: One Outside: Nil	same no chnage.	same.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL.	Backfilling in the central part of the mining lease.	nil
4e	Number of active and alive dumps.	No active dump.	same.	same.
4f	Number of dead dumps.	one dump	one only.	one only.
4g	Number of dumps established.	one	one	same.
4h	Whether Retaining wall or garland drain all along dumps are there.	given	Retaining wall of 746m length is provided.	same.
4i	Length of Retaining wall or garland drain all along dumps	170m & 750m length.	115m & 631m length.	as above.
4j	Number of settling ponds	two	two only	same.
4k	Specific comments of inspecting officer on waste dump management	Given	but no work in the mine	no permission granted by the state till date.

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.	4.11 Ha. is available for backfilling.	same no change.	no work in the mine to do anything.
5b	Area under backfilling of mined out area	nil	nil	nil

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposals.	No work.	Nil

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.	nil
6b	Area available for rehabilitation (ha) .	4.11 ha	no change.	nil
6c	afforestation done (ha).	given for gap filling.	done	nil
6d	No. of saplings planted during the year	given	1000	same.
6e	Cumulative no .of plants	11,775	13,830 nos.	same.
6f	Any other method of rehabilitation	nil	nil	nil
6g	Cost incurred on watch and care during the year	Rs. 100000	Rs. 205,500	same.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	350*120**55m	same	no change.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	20,228 tons	nil	nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	nil	nil	nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposals.	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposals.	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposals.	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposals.	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposals.	Nil	Nil

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposals.	Due to non operational in the mine.	Uncertain abt the permission.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise	Nil	Nil, no work.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical.	nil	nil
7c	Different grade of mineral sorted out at mines.	Given	nil	nil
7d	Any beneficiation process at mines	Nil	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Given for systematic operation.	But due to non operational for want of permissions.	nil

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soi proposals.	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)	proposals for OB only.	No change due to no activity in the mine.	no change.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals.	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Given	Done partly	partly, lease area exhibits plantations.
8g	Survival rate	Given	50-60%	same.
8h	Water sprinkling on roads to control airborne dust	Given.	Not taken place due to non operation in the mine.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposals.	No work in the mine.	Naturally things are getting taken care.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted as per the format.	satisfactory.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	No work in the mine, execept geologist and manager present during the inspection.	same.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given in the format.	mining=17.71 ha, waste dump=3.16 ha, plant & building=0.31 ha, other purposes=3.09 ha	details furnished in the year 2014-15 annual returns.

9d	Scrutiny of Annual return on afforestation	no proposals.	nil	nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No proposals.	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Opening stock & closing stock was 384t.	Same no change.
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	given proposals.	nil	no work.

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