

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

**Review and updation of Mining Plan REPORT**

**Bangalore regional office**

**Mine file No :** KNT/BLR/FE/74/BNG

**Mine code :** 30KAR03051

- (i) Name of the Inspecting : **S011** ) **K.SRINIVAS**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : **SANJAY KUMAR** ,REPRESENTATIVE OF THE LESSEE  
Official with  
Designation
- (iv) Date of Inspection : 21/10/2021
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **RAJAPURA**
- (b) **Registration NO.** : **IBM/20/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : KARNATAKA  
District : BELLARY  
Village : RAJAPURA  
Taluka : SANDUR  
Post office : RAJAPURA  
Pin Code :  
FAX No. : 08394-225586 (F),  
E-mail : lordganesha2008@yahoo.co.in  
Phone : 08392-266385, 211691, 9448
- (f) Police Station : SANDUR
- (g) First opening date : 21/09/1973
- (h) Weekly day of rest : SUN
2. Address for : K.M.PARVATHAMMA, " SRI PRASHUNILAYA"  
correspondance NO.XVIII/35,II LINK ROAD, PARVATHI NAGAR,  
BELLARY,KARNATAKA-583103
3. (a) Lease Number : KAR0184
- (b) Lease area : 24.91
- (c) Period of lease : 20
- (d) Date of Expiry : 20/09/2023
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : K.M.PARVATHAMMA  
 XVIII/35, II ND LINK ROAD,  
 PARVATHI NAGAR, BELLARY  
 KARNATAKA  
 Phone:08395-50638,08392-77147,72385  
 FAX :08392-77147

Owner : K.M.PARVATHAMMA  
 XVIII/35, II ND LINK ROAD,  
 PARVATHI NAGAR, BELLARY  
 KARNATAKA  
 Phone: 08395-50638,083  
 FAX : 08392-77147

## Manager

Name : T.S.SREEDHARA  
 Qualification : 1ST CLASS MINES MANAGER  
 Appointment/ : 21/01/2004  
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	04/11/1992
Plan/Scheme of Mining		Renewal under rule 22 MCR1960	25/02/1998
		Mining Scheme rule 12 MCDR1988	08/11/2005
		Modif.approved Mining Scheme	18/07/2006
		Mining Scheme rule 12 MCDR1988	13/09/2013
		Mining Scheme rule 12 MCDR1988	30/04/2015

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	nil	-
1b	Exploration over lease area for geological axis 1 or 2	No proposal	nil	No proposals for the year 2020-21.
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 proposal	nil	No proposals for the year 2020-21 to bring to G1 level.
1e	Balance reserve as on 01/04/20	-	The reserves as on 1.4.2021 is 2884807 tonnes.	As per the latest approved Mining Plan dated 26.11.2021.
1f	General remarks of inspecting officers on geology, exploration etc	-	-	There are no approved proposals for exploration for the year 2020-21. The mine was not in operation for the last ten years. As per the DMG vide letter No.DMG/MLS/ML-2514/2021-22/7467 dated 29/11/2021, this lease is valid upto 20.09.2023 and not having FC and EC and it is not lapsed lease. This mine was inspected on 21.10.2021 in connection with the submission of draft Review and updation of Mining Plan.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No proposal	nil	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	nil	-
2c	Stripping ratio or ore to OB ratio	No proposal	nil	-
2d	Quantity of topsoil generation in m3	No proposal	nil	-
2e	Quantity of overburden generation in m3	No proposal	nil	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	There were no approved proposals for the development. However, as per the DMG letter No.DMG/MLS/ML-2514/2021-22/7467 dated 29/11/2021, this lease is valid upto 20.09.2023 and not having FC and EC. The mine was not in operation for the last ten years.

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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	nil	-
3b	Quantity of ROM mineral production proposed	No proposal	nil	-
3c	Recovery of sailable/usable mineral from ROM production	No proposal	nil	-
3d	Quantity of mineral reject generation	No proposal	nil	-

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3e	Grade of mineral rejects generation and threshold value declared.	No proposal	nil	-
3f	Quantity of sub grade mineral generation.	No proposal	nil	-
3g	Grade of sub grade mineral generation	No proposal	nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	nil	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	nil	-
3j	Provision of drilling and blasting in mineral benches	No proposal	nil	-
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 proposal	nil	-
3m	Total area covered under excavation/pits	No proposal	nil	-
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	nil	-
3o	Total area put in use under different heads at the end of year	No proposal	nil	-

3p	Production of ROM mineral during the last five year period as applicable	2016-17: 42930 2017-18: 42930 2018-19 : 42930 2019-20 : 42930 2020-21: nil ( in tonnes)	2016-17 :Nil 2017-18: Nil 2018-19 :Nil 2019-20 :Nil 2020-21: Nil ( in tonnes)	The mine was not in operation for the last ten years.
3q	General remarks of inspecting officers on method of mining etc.	-	-	The mine was not in operation for the last ten years. The Notice of temporary discontinuous of mining operations has not been submitted. Violation has been pointed out. The lessee is not having valid E.C and F.C and the State Government has declared that this lease is valid till 20.09.2023 and it is not lapsed lease. This mine was inspected on 21.10.2021 in connection with the submission of Review and updation of Mining Plan.

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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	No proposal	nil	-
4c	Number of dumps within lease area and outside of lease area	No proposal	nil	-

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	nil	-
4e	Number of active and alive dumps.	No proposal	nil	-
4f	Number of dead dumps.	No proposal	nil	-
4g	Number of dumps established.	No proposal	nil	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	nil	-
4i	Length of Retaining wall or garland drain all along dumps	No proposal	nil	-
4j	Number of settling ponds	No proposal	nil	-
4k	Specific comments of inspecting officer on waste dump management	-	-	No proposals for Waste dump management for the year 2020-21.

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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 proposal	nil	-
5b	Area under backfilling of mined out area	No proposal	nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	nil	-
5d	Total area fully reclaimed and rehabilitated	No proposal	nil	-

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5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	There are no backfilling proposals.
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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).	Submission of Annual report on PMCP under rule 26(2)	Not submitted	Violation pointed out.
6b	Area available for rehabilitation (ha) .	No proposal	nil	-
6c	afforestation done (ha).	No proposal	nil	-
6d	No. of saplings planted during the year	No proposal	nil	-
6e	Cumulative no .of plants	No proposal	nil	-
6f	Any other method of rehabilitation	No proposal	nil	-
6g	Cost incurred on watch and care during the year	No proposal	nil	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	nil	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	nil	-



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

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Mineral Conservation:

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

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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	-

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)	No proposal	nil	-
8g	Survival rate	No proposal	nil	-
8h	Water sprinkling on roads to control airborne dust	No proposal	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 mines area.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Returns from the month of July, 2021 to September, 2021 have not been submitted.  A.R. not submitted for FY 2020-21	-	Violation issued
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not applicable	nil	-

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not applicable nil	-
9d	Scrutiny of Annual return on afforestation	Not applicable nil	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not applicable nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not applicable nil	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not applicable nil	-
9h	Scrutiny of Annual return on fixed assets	Not applicable nil	-
9k	Scrutiny of Annual return on mining machineries	Not applicable nil	-

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**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
MCDR17	Rule 24(1)	09/11/2021			
MCDR17	Rule 26(2)	09/11/2021			
MCDR17	Rule 28(1)	09/11/2021			
MCDR17	Rule 45(5)(b)	09/11/2021			
MCDR17	Rule 45(5)(c)	09/11/2021			

**Date :**

**(K.SRINIVAS)**

Indian Bureau of Mines