

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

**FMCP Inspection REPORT**

**Bangalore regional office**

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

**Mine code :** 30KAR03051

- (i) Name of the Inspecting : **S19** ) **SANDEEP KUMAR SINGH**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sanjay Kumar, Repersentative of the lessee and Sanjay  
Official with  
Designation
- (iv) Date of Inspection : 16/07/2022
- (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 correspondance** : K.M.PARVATHAMMA, " SRI PRASHUNILAYA"  
NO.XVIII/35,II LINK ROAD, PARVATHI NAGAR,  
BELLARY,KARNATAKA-583103
3. (a) **Lease Number** : KAR0184
- (b) **Lease area** : 24.82
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 21/09/2023
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

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
		MP review under 17(1) MCR 2016	26/11/2021

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	3 trial pits & 14 nos. of RC boreholes with total meterage 300 m proposed	NIL	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not mentioned	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-1- 3 ha G-3-3.5 ha	G-1- 3 ha G-3-3.5 ha	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022
1e	Balance reserve as on 01/04/20	28,84,807 tonnes as on 1.04.2021. (2761277 tonnes of HIO with avg grade 59.79% Fe and 123530 tonnes of HSIO with avg grade 40.57%.	28,84,807 tonnes as on 1.04.2022. (2761277 tonnes of HIO with avg grade 59.79% Fe and 123530 tonnes of HSIO with avg grade 40.57%.	The mine is non-working since 2010.

1f	General remarks of inspecting officers on geology, exploration etc	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North pit- Sec EE'-FF'. EE'- 743 to 711 mRL. FF'- 729 to 711 mRL.	NIL	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB & mineral proposed	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
2c	Stripping ratio or ore to OB ratio	1:0.81 proposed	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
2d	Quantity of topsoil generation in m3	No proposal	NIL	NIL
2e	Quantity of overburden generation in m3	34968 tons~17484 Cum proposed	NIL	The mine is non-working.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.
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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One North pit proposed (Sec EE'-FF')	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3b	Quantity of ROM mineral production proposed	47520 tons proposed	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3c	Recovery of sailable/usable mineral from ROM production	42768 tons of saleable mineral from ROM proposed (90%). Overburden volume includes 10% of interstitial waste as per the approvedRMP.	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3d	Quantity of mineral reject generation	No proposal	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	NIL	NIL

3f	Quantity of sub grade mineral generation.	No proposal	NIL	NIL
3g	Grade of sub grade mineral generation	No proposal	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized crushing & screening proposed (Jaw crusher-60 TPH, Feed: - 400 mm, O/p:- 40 mm Screen-Double deck screen, Capacity-100 TPH- product: -10 mm & 10-40 mm	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	Drilling & blasting proposed	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3k	Provision of mining machineries in mineral benches	Mining Machineries proposed. Excavator- 0.9 Cum-2 nos. Dumper-10 tons- 4 nos. Drill-115 mm-1 no.	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8m bench height proposed for both OB & mineral.	Systematic benches with proposed height are yet to be formed as the mine is non-working.	The mine is non-working.

3m	Total area covered under excavation/pits	9.75 ha	9.75 ha	The mine is non-working since 2010 due to non-availability of FC & EC. There is no additional area requirement proposed for the year 2021-22
3n	Ore to OB ratio for the pit/mine proposed during the year.	1:0.81	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
3o	Total area put in use under different heads at the end of year	Mining-9.75 Ha Waste dump-4.37 Ha Minera storage-1.3 Ha Infrastructure & roads- 1.02 Ha	Mining-9.75 Ha Waste dump-4.37 Ha Minera storage-1.3 Ha Infrastructure & roads-1.02 Ha	The mine is non-working since 2010 due to non-availability of FC & EC. There is no additional area requirement proposed for the year 2021-22
3p	Production of ROM mineral during the last five year period as applicable	2017-18- 42930 2018-19: 42930 2019-20: 42930 2020-21: Nil 2021-22: 42768 (in tonnes)	2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil 2021-22: Nil (in tonnes)	The mine is non-working since 2010 due to non-availability of FC & EC
3q	General remarks of inspecting officers on method of mining etc.			The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping for OB proposed. (AD-1)	Nil	The mine is non-working.
4b	Location of topsoil, OB and mineral reject dumps	AD-1 N-1661362 to 1661435 E-678960 to 679003	No OB dumping carried out since the mine is non-working.	NIL
4c	Number of dumps within lease area and outside of lease area	3 waste dumps within mine lease area. ID-1, ID-2 & AD-1	3 waste dumps within mine lease area. ID-1, ID-2 & AD-1	No OB dumping carried out since the mine is non-working.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Portion of ID-1 & ID-2 inactive dump within UPL, Also, portion of active dump AD-1 within UPL.(As per current exploration data)	Portion of ID-1 & ID-2 inactive dump within UPL, Also, portion of active dump AD-1 within UPL.(As per current exploration data)	No OB dumping carried out since the mine is non-working.
4e	Number of active and alive dumps.	1 active dump- AD-1	AD-1	No OB dumping carried out since the mine is non-working.
4f	Number of dead dumps.	2 inactive dumps ID-1 & ID-2	2 inactive dumps ID-1 & ID-2	NIL
4g	Number of dumps established.	No proposal	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	225 m Retaining wall & 275 m garland drain proposed at active dump- AD-1	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
4i	Length of Retaining wall or garland drain all along dumps	225 m Retaining wall & 275 m garland drain proposed at active dump- AD-1	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
4j	Number of settling ponds	No proposal	NIL	NIL



4k	Specific comments of inspecting officer on waste dump management	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.
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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 proposal	NIL	NIL
5b	Area under backfilling of mined out area	No proposal	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	No proposal	NIL	NIL

5e	General remarks of inspecting officers on backfilling and reclamation etc.	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.
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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).	To be submitted before 1st of July every year.	NIL	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022
6b	Area available for rehabilitation (ha) .	0.62 ha proposed (Safety zone area)	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
6c	afforestation done (ha).	0.62 ha proposed (Safety zone area)	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
6d	No. of saplings planted during the year	1550 nos. of plants proposed.	NIL	The mine is non-working since 2010 due to non-availability of FC & EC

6e	Cumulative no .of plants	11550 nos. cumulative proposed as on 1.4.2022	10,000 nos. of plants cumulative as per the last approved RMP.	No plantation carried out during the year 2021-22 as the mine is non-working due to non-availability of FC & EC.
6f	Any other method of rehabilitation	Grassification on ID-1	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
6g	Cost incurred on watch and care during the year	Rs 1,50,000 proposed for the plantation on safety zone and Rs. 50,000 for grassifications on ID-1 for the year 2021-22	NIL	The mine is non-working.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	No proposal	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NIL	NIL

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	0.62 ha safety zone area afforestation proposed	NIL	The mine is non-working.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.62 ha safety zone area afforestation proposed	NIL	The mine is non-working.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	1550 nos. of plantation proposed in safety zone area	NIL	The mine is non-working.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring proposed	NIL	The mine is non-working.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.

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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	Mechanized crushing & screening proposed (Jaw crusher-60 TPH, Feed: - 400 mm, O/p:- 40 mm Screen-Double deck screen, Capacity-100 TPH- product: -10 mm & 10-40 mm	NIL	The mine is non-working since 2010 due to non-availability of FC & EC
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No sorting proposed	Nil	The mine is non-working.
7c	Different grade of mineral sorted out at mines.	No sorting proposed	Nil	The mine is non-working.
7d	Any beneficiation process at mines .	No proposal	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.

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Environment:

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Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No topsoil generation proposal	NIL	NIL
8b	Concurrent use or storage of topsoil	No topsoil generation proposal	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping for AD-1 Waste dump	No OB dumping carried out since the mine is non-working.	The mine is non-working.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	NIL	NIL
8g	Survival rate	70% proposed	No plantation carried out as the mine is non-working	The mine is non-working since 2010 due to non-availability of FC & EC
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed	NIL	The mine is non-working since 2010 due to non-availability of FC & EC

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mine is non-working since 2010 due to non-availability of Forest clearance and Environmental Clearance. Further the mine is also under suspension vide IBM letter no KNT/BLR/Fe-74/BNG dated 08/04/2022. The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.
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## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	The mine was inspected on 16.07.22 in connection with the submitted draft FMCP document.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL

9d	Scrutiny of Annual return on afforestation	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL



9h	Scrutiny of Annual return on fixed assets	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	The mine is already under suspension vide IBM letter no KNT/BLR/F-74/BNG dated 08/04/2022 for violation of Rule-45	NIL	NIL

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**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

**Date :**

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines