

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

FMCP Inspection REPORT

Bangalore regional office

Mine file No : KNT/BLR/FE/126/BNG

Mine code : 30KAR03124

- (i) Name of the Inspecting : **A101**) **ARUN KUMAR**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 24/09/2021
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KARADIKOLLA (M.L. NO 1874**
- (b) **Registration NO.** : **IBM/202/2011**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **KARNATAKA**
- District : **BELLARY**
- Village : **KARADIKOLLA**
- Taluka : **SANDUR**
- Post office : **HOSPET**
- Pin Code : **583203**
- FAX No. : **08394-230782 (F),**
- E-mail : **goggabrothers@rediffmail.co**
- Phone : **08394-231487 (O), 94481909**
- (f) **Police Station** : **Sandur**
- (g) **First opening date** : **04/09/1983**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **M/S GOGGA GURUSANTHIAH & BROS**
MINE OWNERS & MINERAL GRINDERS, P.B.NO. 4,
N.C.COLONY, HOSPET, BELLARY, KARNATAKA-583201.
3. (a) **Lease Number** : **KAR0175**
- (b) **Lease area** : **18.21**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **03/09/2003**
4. **Mineral worked** : **IRON ORE** **Main**

5. Name and Address of the

Lessee : GOGGA GURUSANTHIAH & BROS
 POST BOX NO 4, NEHARU CO-OP
 COLONY, HOSPET, BELLARY
 KARNATAKA
 Phone:08394-28787,24617
 FAX :08394-25782

Owner : GOGGA GURUSANTHIAH & BROS
 POST BOX NO 4, NEHARU CO-OP
 COLONY, HOSPET, BELLARY
 KARNATAKA
 Phone: 28787,24617
 FAX : 08394-25782

Mining Engineer

Name : K.V.BAKTHA VASTHALA NAIDU,Full Time
 Qualification : B.E.MINING
 Appointment/ : 28/12/2000
 Termination date

Mining Engineer

Name : K.V.NARASIMHA REDDY,Full Time
 Qualification : B.E.MINING
 Appointment/ : 07/11/2003
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	04/05/1990
Plan/Scheme of Mining		Renewal under rule 22 MCR1960	04/06/2002
		Mining Scheme rule 12 MCDR1988	27/08/2009
		Mining Scheme rule 12 MCDR1988	22/09/2015
		MP review under 17(1) MCR 2016	21/10/2019

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	16 Trial Pits, 10 DTH & 3 Core Holes.	No exploration carried out.	Mine is non operational since 30.04.2008 for want of Environmental Clearance.
1b	Exploration over lease area for geological axis 1 or 2	G2 & G3	G2-3.67 Ha, G3-4.43 Ha	Nil.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Rs.45000/- spent on putting trial pits & sampling analysis in the past.	6 Trail pits were made to prove the depth of the ore body & 4 trial pits were made for conducting recovery test.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not specified.	10.67 Ha needs to be explored.	Nil.
1e	Balance reserve as on 01/04/20	Nil.	127612 Tons(+45%Fe) & 42537 Tons (+35%Fe)	As per approved document.
1f	General remarks of inspecting officers on geology, exploration etc			Mine is non operational since 30.04.2008 for want of Environmental Clearance.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development proposed: N - 1683514 To 1683565 & E - 653732 To 653792	Nil.	Nil.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One Bench 2-3 M Height	Nil.	Nil.
2c	Stripping ratio or ore to OB ratio	1:0.33	Nil.	Nil.

2d	Quantity of topsoil generation in m3	No proposal.	Nil.	Nil.
2e	Quantity of overburden generation in m3	638 Tons	Nil.	Nil.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is non operational since 30.04.2008 for want of Environmental Clearance.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit proposed.	Nil.	Nil.
3b	Quantity of ROM mineral production proposed	3700 Tons	Nil	Nil
3c	Recovery of sailable/usable mineral from ROM production	80%	Nil	Nil
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	B - Category Manual	Nil.	Nil.

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	No proposal.	NA	NA
3k	Provision of mining machineries in mineral benches	Tipper = 1 No Tanker = 1 No Jeep = 1No	Nil.	Mine is non operational.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil.	Nil.
3m	Total area covered under excavation/pits	1.09 Ha at the end of plan period.	1.07 Ha.	Nil.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.33	Nil.	Nil.
3o	Total area put in use under different heads at the end of year	Arae under mining-1.09 Ha,Waste dump-0.18 Ha,Mineral storage-0.30 Ha,Infrastruct ure-& roads-0.95 Ha,Green belt-1.30Ha,area for bio diversity-1.0 Ha,Area for future use-10.28 Ha	Nil.	Nil.
3p	Production of ROM mineral during the last five year period as applicable	2016-17: NIL 2017-18 :NIL 2018-19: NIL 2019-20:3700 Tons 2020-21:3700 Tons	2016-17:NIL 2017-18 NIL 2018-19: NIL 2019-20: NIL 2020-21: NIL	Mine is non operational.

3q	General remarks of inspecting officers on method of mining etc.	Mine is non operational since 30.04.2008 for want of Environmental Clearance.
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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)	Backfilling proposed in FY 2020-21	Nil.	Nil.
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil.	Nil.
4c	Number of dumps within lease area and outside of lease area	WML-02 Dumps, OML- Nil.	WML-02 Dumps, OML- Nil.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Backfilling proposed.	Nil.
4e	Number of active and alive dumps.	2 No's Inactive dumps (ID1 & ID2) Reclaimed & one Temporary dump.	Nil.	Nil.
4f	Number of dead dumps.	2 Nos.	02 Nos.	Nil.
4g	Number of dumps established.	2 No's	02 Nos.	Stabilized with plantation.
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil.	Constructed in the past as per the approved R & R Plan & maintained.
4j	Number of settling ponds	No proposal.	Nil.	Constructed in the past as per the approved R & R Plan & maintained.

4k	Specific comments of inspecting officer on waste dump management			Mine is non operational since 30.04.2008 for want of Environmental Clearance.
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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.	Nil.
5b	Area under backfilling of mined out area	0.06 Ha	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	0.06 Ha.	Nil.	Nil.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine is non operational since 30.04.2008 for want of Environmental Clearance.

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).	Annual report on PMCP to be submitted by 1st July of every year.	Not submitted.	Violation issued.
6b	Area available for rehabilitation (ha) .	No Proposal.	Nil.	Mine is not Operational.

6c	afforestation done (ha).	0.325 Ha.	Nil.	Nil.
6d	No. of saplings planted during the year	325 No's	Nil.	Nil.
6e	Cumulative no .of plants	Not specified.	Nil.	Nil.
6f	Any other method of rehabilitation	Not specified.	Nil.	Nil.
6g	Cost incurred on watch and care during the year	16250/-	Nil.	Nil.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	6.060 Ha X 3M	Nil.	Mine is non operational.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Backfilling proposed.	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	Afforestation proposed.	Nil.	Nil.

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.325 Ha.	Nil.	Nil.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation of 325 saplings proposed.	Nil.	Nil.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring proposed in core zone & buffer zone.	Nil.	Nil.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine is non operational since 30.04.2008 for want of Environmental Clearance.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual Sorting & Sizing.	Nil.	Nil.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual sorting proposed.	Nil.	Nil.
7c	Different grade of mineral sorted out at mines.	Fines: - 10mm,C-Ore: 10 mmto 40 mm	Nil.	Nil.
7d	Any beneficiation process at mines	No proposal.	Nil.	Nil.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine is non operational since 30.04.2008 for want of Environmental Clearance.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No 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)	No proposals.	Nil.	Nil.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals Except Backfilling of waste.	Nil.	Mine is non Operational.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposals of Mined out Pit by backfilling & Plantation.	Nil.	Nil.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Available	Nil.	Nil.
8g	Survival rate	80%	75%	Nil.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed on roads to control airborne dust.	-----	Nil.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Mine is non operational since 30.04.2008 for want of Environmental Clearance.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		M.R. Submitted up to <u>AUGUST 2021</u> ***** A.R. Submitted up to 2019-20	AR submitted on 04.07.2020 (2019-20). Violation issued for non submission of AR for FY 2020-21.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine Manager & Engineer- K.V. Bhaktha Vatsala Naidu, Mining Geologist: Mekala Peddanna	Seshagiri Samji was appointed as Mine Manager.	AR 2019-20
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C)Workings- 1.07 Ha, Used for waste disposal-0.18 Ha, Occupied by plant, buildings, residential, welfare buildings & roads-0.85 Ha, Other Purpose (Safetyzone, area for future use & bio diversity)- 13.00Ha	Appears to be correct.	
9d	Scrutiny of Annual return on afforestation	150 Saplings with in ML area @75% survival rate.	Appears to be correct.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil.	Nil.	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: OB- 6251.65 Tons, Production - Nil, CB- 6251.65 Tons.	Appears to be correct.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	sale value, Ex. Mine price & production cost- Nil	Mine is non operational since 30.04.2008
9h	Scrutiny of Annual return on fixed assets	Rs. 652867/- Plant and Machinery including transport equipment	Nil.
9k	Scrutiny of Annual return on mining machineries	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
MCDR17	Rule 26(2)	11/10/2021			
MCDR17	Rule 28(1)	11/10/2021			
MCDR17	Rule 45(5)(c)	11/10/2021			

Date :

(ARUN KUMAR)

Indian Bureau of Mines