

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

Review and updation of Mining Plan REPORT

Bangalore regional office

Mine file No : KNT/BLR/MN/48/BNG

Mine code : 40KAR03015

- (i) Name of the Inspecting : **S21**) **H M Shivakumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : **SRI.SITARAM KEMMANNU.Q.P**
Official with
Designation
- (iv) Date of Inspection : 17/03/2022
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **TONSINGERE**
- (b) **Registration NO.** : **IBM/6513/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : BELLARY
Village : JIGGENAHALLI
Taluka : SANDUR
Post office :
Pin Code :
FAX No. : NIL
E-mail : marwaminingcompany@gmail.co
Phone : 8722447752 (M)
- (f) Police Station : SANDUR
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : M/s MARWA MINING COMPANY,
correspondance : DOOR NO 687, UMER MANZIL,
13TH WARD, KUDLIGI, BELLARY - 583135
3. (a) Lease Number : KAR0364
- (b) Lease area : 33.18
- (c) Period of lease : 20
- (d) Date of Expiry : 04/07/2000
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : MARWA MINING CO
D.NO.687, UMAR MANZIL,
KUDLIGI BELLARY BELLARY
KARNATAKA
Phone:08391 - 220231
FAX :

Owner : MARWA MINING CO
BELLARY KARNATAKA
Phone:
FAX :

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	08/10/1993
Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	12/03/1999
	:	Mining Scheme rule 12 MCDR1988	02/04/2008

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	NIL	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1e	Balance reserve as on 01/04/20	NIL	NIL	
1f	General remarks of inspecting officers on geology, exploration etc			The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In pursuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	NIL	NIL	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	NIL	
2c	Stripping ratio or ore to OB ratio	NIL	NIL	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In pursuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	NIL	NIL
3b	Quantity of ROM mineral production proposed	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	NIL	NIL
3d	Quantity of mineral reject generation	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL
3g	Grade of sub grade mineral generation	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	NIL	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	NIL	NIL
3k	Provision of mining machineries in mineral benches	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	NIL

3m	Total area covered under excavation/pits	NIL	NIL	
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	
3o	Total area put in use under different heads at the end of year	NIL	NIL	
3p	Production of ROM mineral during the last five year period as applicable	NIL	NIL	
3q	General remarks of inspecting officers on method of mining etc.			The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In persuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

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)	NIL	NIL
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL
4c	Number of dumps within lease area and outside of lease area	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL
4e	Number of active and alive dumps.	NIL	NIL
4f	Number of dead dumps.	NIL	NIL
4g	Number of dumps established.	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	NIL
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL
4j	Number of settling ponds	NIL	NIL

4k	Specific comments of inspecting officer on waste dump management	The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In pursuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.
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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.	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	

5e General remarks of inspecting officers on backfilling and reclamation etc.

The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In pursuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

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).	NIL	NIL	
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	NIL	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	NIL	NIL	

6g	Cost incurred on watch and care during the year	NIL	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In persuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	

7c	Different grade of mineral sorted out at mines.	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In persuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	
8b	Concurrent use or storage of topsoil	NIL	NIL	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	NIL
8g	Survival rate	NIL	NIL
8h	Water sprinkling on roads to control airborne dust	NIL	NIL

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In pursuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the 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	NIL	NIL	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	
9d	Scrutiny of Annual return on afforestation	NIL	NIL	

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	NIL	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	The Mine is non working since July 2011 due to blanket ban by Apex court on Iron ore Mining in Karnataka State. Subsequently after lifting of Ban, DMG Karnataka has accorded extension of M L period upto 5.7.2030 under section 8A(3) of MMDR Act, 1957 vide ltr No. DMG/ML-2482/2021-22 dated 21/12/2021 and had sought for approved MP from IBM for execution of ML Deed. In persuance to this letter, Lessee had submitted draft RUMP for which site inspection was carried out for processing the document.

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 :

(H M Shivakumar)

Indian Bureau of Mines