

1/27470/2024

Review and updation of Mining Plan REPORT

Bangalore regional office

Mine file No : KNT/CTD/MN/142/BNG

Mine code : 40KAR07065

- (i) Name of the Inspecting : S21) H M Shivakumar
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Ravi Prakash, Lessee Representative
Official with
Designation
- (iv) Date of Inspection : 10/08/2023
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) Mine Name : MAHADEVAPURA ML 2634 (7AC)
- (b) Registration NO. : IBM/12/2011
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : CHITRADURGA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 08023286689
E-mail : girishkumar.geo83@gmail.com
Phone : 9880080362
- (f) Police Station : Chitralli
- (g) First opening date : 10/01/2011
- (h) Weekly day of rest : SUN
2. Address for correspondence : Smt. M. YESHODHA, W/o M. Govinda Reddy
No.125, 3rd Main, 3rd Block,3rd Stage,
BASAVESWARNAGAR Nagar, Bangalore 560079
3. (a) Lease Number : KAR1676
- (b) Lease area : 2.83
- (c) Period of lease : 30
- (d) Date of Expiry : 25/05/2040
4. Mineral worked : MANGANESE ORE Main

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5. Name and Address of the

Lessee : M. YASHODA,
N0-125, III MAIN ROAD, IIIRD
BLOCK, IIIRD STAGE,
BASAVESHWARANAGAR,
CHITRADURGA KARNATAKA
Phone: 080-23286689
FAX :

Owner : M. Govinda Reddy
CHITRADURGA KARNATAKA
Phone:
FAX :

Agent : B. Basavraju
CHITRADURGA KARNATAKA
Phone:
FAX :

Geologist

Name : GIRISH KUMAR B K, Full Time
Qualification :
Appointment/ :
Termination date

Manager

Name : CHANDRASHEKAR
Qualification :
Appointment/ :
Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Modif.of approved Mining Plan 16/01/2013
Mining Scheme rule 12 MCDR1988 20/08/2015

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	Non-working Mine.
1b	Exploration over lease area for geological axis 1 or 2	During the year 2014-2015 Lessee has carried out exploration with 10 core bore holes with total meterage of 145m		Non-working Mine.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	2014-2015 M/s. R. Praveen Chandra.		Expenditure details not Available
1d	Balance area to be explored to bring Geological axis in 1 or 2		NIL	1.71 Ha is still to be explored under G1 level. It is Non-working Mine. However, another 12 DTH exploratory bore holes is proposed during 2024-25 in Draft RUMP submitted.
1e	Balance reserve as on 01/04/20			258618 tonnes as per AR and 83362 tonnes as per the Draft RUMP submitted.
1f	General remarks of inspecting officers on geology, exploration etc		Manganese Ore occurring in the area is in the form of pockets concentrated from Manganiferrous phyllites due to leaching & Laterization. Strike of the deposit is NNW to SSE and dip varies from 25 to 40 Easterly. The Mn Ore pockets are discontinuous & are located at different elevations. The grade of the ore is ranging from 10% to 30% Mn.	1.12 Ha is explored in G1 level and balance 1.71 Ha is proposed for exploration during 2024-25 in Draft RUMP submitted which is subsequently withdrawn due to want of duly authenticated DGPS Lease Sketch by DMG.

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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NA	NA	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m3	NA	NA	
2e	Quantity of overburden generation in m3	NA	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			This is a non-working mine. However, two separate pits over 1.53 Ha are developed in the past all along the strike length of the ore body suitable to the type of the deposit wherein segregation of ROM is proposed involving both manual and mechanized methods owing to the low grade of the Mn Ore.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	NA	NA
3b	Quantity of ROM mineral production proposed	NA	NA	NA
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	NA

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3d	Quantity of mineral reject generation	NA	NA	NA
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NA
3f	Quantity of sub grade mineral generation.	NA	NA	NA
3g	Grade of sub grade mineral generation	NA	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	NA
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	NA
3j	Provision of drilling and blasting in mineral benches	NA	NA	NA
3k	Provision of mining machineries in mineral benches	NA	NA	NA
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM			There are two benches of 5m Height and 5m Width each in the two Mine pits. One of the pits is observed to be water logged.
3m	Total area covered under excavation/pits	NA	NA	1.53 Ha excavation done in the past.
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	NA

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3o	Total area put in use under different heads at the end of year	NA	NA	Mining - 1.53 Ha Dumps - 0.470 Infrastructure-Office, workshop etc, :0.120 Total - 2.83 Ha
3p	Production of ROM mineral during the last five year period as applicable		2018-19: Nil 2019-20: Nil 2020-21: Nil 2021-22: Nil 2022-23: Nil (in tonnes)	Non-Working Mine.
3q	General remarks of inspecting officers on method of mining etc.			Mine was not in Operation due to Suspension of Mining Operation Vide Order No.CI79MMM2016 Dated 27.06.2019. Inspection was carried out in connection with draft Review and updation of Mining Plan being submitted for The Balance Plan Period from 2023-24 To 2024-25 of Block Period (2020-21 To 2024-25) in reference to the DMG Letter Dated 17/19 OCT 2022 wherein the Approved Mining Plan Has Been sought for execution Of Supplementary Lease Deed.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	NA	One dead dump exists in the Mine over 0.470 Ha with 120000 tonnes of OB as per the draft RUMP.

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4b	Location of topsoil, OB and mineral reject dumps	NA	NA	14:05:24.70 to 14:05:28.70 76:14:47.50 to 76:14:51.80
4c	Number of dumps within lease area and outside of lease area	NA	NA	One dead dump exists in the Mine over 0.470 Ha within the Mining lease area and part of the dump extending beyond the ML after reduction of ML area due to safety zone restrictions from the adjacent Lake/Pond.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	The dump is located outside UPL.
4e	Number of active and alive dumps.	NA	NA	NIL
4f	Number of dead dumps.	NA	NA	One
4g	Number of dumps established.	NA	NA	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA	Retaining Wall and Garland drain exists along the Northern part of the dump.
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	Retaining wall 60 m (approx.) exists along the northern part of the dump.
4j	Number of settling ponds	NA	NA	

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4k	Specific comments of inspecting officer on waste dump management			One dead dump exists in the Mine over 0.470 Ha within the Mining lease area and part of the dump extending beyond the ML after reduction of ML area due to safety zone from the adjacent Lake/Pond. Retaining Wall and Garland drain exists along the Northern part of the dump.
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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.	NA	NA	Non-working Mine.
5b	Area under backfilling of mined out area	NA	NA	Non-working Mine.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	Non-working Mine.
5d	Total area fully reclaimed and rehabilitated	NA	NA	Non-working Mine.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No part of the Mining Pit is fully exhausted and mineral persists at depth and therefore no proposals for backfilling and reclamation is made during the current plan period.

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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).	NA	NA	Non- Working Mine.
6b	Area available for rehabilitation (ha) .	NA	NA	NA
6c	afforestation done (ha).	NA	NA	NA
6d	No. of saplings planted during the year	NA	NA	NA
6e	Cumulative no .of plants	NA	NA	NA
6f	Any other method of rehabilitation	NA	NA	NA
6g	Cost incurred on watch and care during the year	NA	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NA	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	NA

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6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	NA
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	NA

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6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Mine was not in Operation due to Suspension of Mining Operation Vide Order No.CI79MMM2016 Dated 27.06.2019. Inspection was carried out in connection with draft Review and updation of Mining Plan being submitted for The Balance Plan Period from 2023-24 To 2024-25 of Block Period (2020-21 To 2024-25) in reference to the DMG Letter Dated 17/19 OCT 2022 wherein the Approved Mining Plan Has Been sought for execution Of Supplementary Lease Deed.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NA	Non-working Mine
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	Non-working Mine
7c	Different grade of mineral sorted out at mines.	NA	NA	Non-working Mine
7d	Any beneficiation process at mines	NA	NA	Non-working Mine

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7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Mine was not in Operation due to Suspension of Mining Operation Vide Order No.CI79MMM2016 Dated 27.06.2019. Inspection was carried out in connection with draft Review and updation of Mining Plan being submitted for The Balance Plan Period from 2023-24 To 2024-25 of Block Period (2020-21 To 2024-25) in reference to the DMG Letter Dated 17/19 OCT 2022 wherein the Approved Mining Plan Has Been sought for execution Of Supplementary Lease Deed.
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Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	NA
8b	Concurrent use or storage of topsoil	NA	NA	NA
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	NA
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	NA

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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	NA
8g	Survival rate	NA	NA	NA
8h	Water sprinkling on roads to control airborne dust	NA	NA	NA
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Aesthetic beauty in and around the mines is satisfactorily maintained.	Mine was not in Operation due to Suspension of Mining Operation Vide Order No.CI79MMM2016 Dated 27.06.2019. Inspection was carried out in connection with draft Review and updation of Mining Plan being submitted for The Balance Plan Period from 2023-24 To 2024-25 of Block Period (2020-21 To 2024-25) in reference to the DMG Letter Dated 17/19 OCT 2022 wherein the Approved Mining Plan Has Been sought for execution Of Supplementary Lease Deed.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to: June 2023 on 03/08/2023. A.R. Submitted up to: 24-06-2023.	Mine was not in Operation due to Suspension of Mining Operation Vide Order No.CI79MMM2016 Dated 27.06.2019. Inspection was carried out in connection with draft Review and updation of Mining Plan being submitted for The Balance Plan Period from 2023-24 To 2024-25 of Block Period (2020-21 To 2024-25) in reference to the DMG Letter Dated 17/19 OCT 2022 wherein the Approved Mining Plan Has Been sought for execution Of Supplementary Lease Deed.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager: Chandrashekar Geologist: Girish Kumar BK	NIL	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining - 1.530 Dumps - 0.470 Mineral storage: nil Infrastructure, Offices, work shop etc.: 0.120		
9d	Scrutiny of Annual return on afforestation	NIL	NIL	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	NIL

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9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening and closing stock of ROM: 31531 tonnes. Below 25% Mn: 11593.120 tonnes. 25% to below 35 % Mn: 553.710 tonnes.	Appears to be correct as inspection was in the month of Aug-2023.	
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	NIL	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 :**(H M Shivakumar)**

Indian Bureau of Mines