

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

**Review and updation of Mining Plan REPORT**

**Bangalore regional office**

**Mine file No :** KNT/CTD/FE/50/BNG

**Mine code :** 30KAR07034

- (i) Name of the Inspecting : **S47** ) **DR. Sudhakara T.L**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri.K. Prabhakar Reddy, Qualified Person  
Official with  
Designation
- (iv) Date of Inspection : 18/12/2021
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DINDADAHALLI FE ML 2658 2**
- (b) **Registration NO.** : **IBM/6285/2011**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **KARNATAKA**
- District : **CHITRADURGA**
- Village : **DINDADAHALLI**
- Taluka : **CHITRADURGA**
- Post office :
- Pin Code : **577501**
- FAX No. : **0832-2654384**
- E-mail : **goasponge@rediffmail.com**
- Phone : **0832-2654384**
- (f) **Police Station** : **chitrdurga**
- (g) **First opening date** : **25/02/2011**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **Goa Sponge & Power Ltd.,  
Ltd., SURVEY NO. 58/1, 59/1, 60/1,  
VILLAGE SANTONA, SANGUEM-403704**
3. (a) **Lease Number** : **KAR1668**
- (b) **Lease area** : **10.66**
- (c) **Period of lease** : **30**
- (d) **Date of Expiry** : **24/02/2041**
4. **Mineral worked** : **IRON ORE** **Main**

## 5. Name and Address of the

Lessee : GOA SPONGE AND POWER LIMITED  
CHITRADURGA KARNATAKA  
Phone:  
FAX :

Owner : GOA SPONGE AND POWER LIMITED  
CHITRADURGA KARNATAKA  
Phone:  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	11/05/2006
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	09/05/2013
	:	Mining Scheme rule 12 MCDR1988	02/05/2016
	:	MP review under 17(1) MCR 2016	05/01/2021

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	13 DTH Bore holes	Nil	Mine is not working due to want of statutory clearance
1b	Exploration over lease area for geological axis 1 or 2	--	--	--
1c	Exploration Agencies and Expenditure in lakh rupees during the year	--	--	--
1d	Balance area to be explored to bring Geological axis in 1 or 2	--	--	--
1e	Balance reserve as on 01/04/20	--	--	--
1f	General remarks of inspecting officers on geology, exploration etc			Mine was not in operation since 29/07/2011 due to ban on Iron ore mining and subsequently want of statutory clearance. The mine is inspected for draft RUMP submitted and based on the lease validity DMG letter vide No DMG/MLS/ML-2658/2021-22 dated 11/12/2021.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Pit1 Between section CC' and DD' 636641 to 632690 1570067 to 1570167	Nil	Mine is not working due to want of statutory clearance
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	NA	Float ore, no OB exists
2c	Stripping ratio or ore to OB ratio	No proposal	NIL	
2d	Quantity of topsoil generation in m3	4667 cum intercalated waste Ore" 21000 tons	NA	
2e	Quantity of overburden generation in m3	4667 cum intercalated waste	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine was not in operation since 29/07/2011 due to ban on Iron ore mining and subsequently want of statutory clearance. The mine is inspected for draft RUMP submitted and based on the lease validity DMG letter seeking approved Mining Plan from IBM for execution of the supplementary lease deed.

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Exploitation:

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Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	Nil	Mine is non working.
3b	Quantity of ROM mineral production proposed	21000 tons	Nil	Mine is non working.
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil	Mine is non working.
3d	Quantity of mineral reject generation	No Proposal	NA	
3e	Grade of mineral rejects generation and threshold value declared.	No Proposal	NA	
3f	Quantity of sub grade mineral generation.	No Proposal	NA	
3g	Grade of sub grade mineral generation	No Proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method	Nil	Mine is non working.
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	Float ore, drilling & blasting not required.
3k	Provision of mining machineries in mineral benches	Excavator-1 Trippers - 2 Crushing & screening plant -1 Water tanker - 1	NIL	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3.5m depth pit proposed	NIL	
3m	Total area covered under excavation/pits	1.036Ha	No change in pit area	Mine is non working during plan period
3n	Ore to OB ratio for the pit/mine during the year.	1:0.67	NIL	
3o	Total area put in use under different heads at the end of year	Total area proposed put to use till 31/03/2022: 4.496Ha	1.76Ha	Mine pit at 04 locations.
3p	Production of ROM mineral during the last five year period as applicable	2016-17: 21,000 2017-18: 21,000 2018-19: 21,000 2019-20: 21,000 2020-21: 21,000 ( in tonnes)	2016-17: Nil 2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil	Mine is non working during plan period
3q	General remarks of inspecting officers on method of mining etc.			No Production carried out in the mine during plan period due to statutory clearances awaited.

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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	Lessee has constructed Garland drain as per R&R Plan
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			Mine was not in operation since 29/07/2011 due to ban on Iron ore mining and subsequently want of statutory 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.	2.646Ha area concurrent backfilling proposed till plan period	Nil	Mine was non working during plan period
5b	Area under backfilling of mined out area	2.646Ha area concurrent backfilling proposed till plan period	Nil	Mine was non working during plan period

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NA	
5d	Total area fully reclaimed and rehabilitated	NIL	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			2.646Ha area concurrent backfilling proposed till plan period however not carried out due to want of statutory clearance.

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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).	Not submitted	NA	
6b	Area available for rehabilitation (ha) .	--	--	
6c	afforestation done (ha).	Plantation proposed in 1.17Ha safety zone	NIL	
6d	No. of saplings planted during the year	500 plants	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	No waste land
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.			Mine was non working during the plan period and therefore compliance of proposed PMCP activities are not carried out.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	21000 tons	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical crushing and screening plant of 250TPH	Nil	No grade-wise sorting is proposed, only size sorting proposed.
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			Mine is non-working during the reporting period. No beneficiation is involved, only crushing and screening proposed.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	NIL	

8b	Concurrent use or storage of topsoil	Yes	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	Concurrent backfilling proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes	NIL	
8g	Survival rate	Yes	NIL	
8h	Water sprinkling on roads to control airborne dust	Yes	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around lease area is good. Since the mine is non operational for past 10 years. Natural plants and bushes have come-up in the lease area and no plantation carried out in the lease area by lessee.

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Compliance of Rule 45:

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Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Not submitted		Mine was not in operation since 29/07/2011 due to ban on Iron ore mining and subsequently want of statutory clearance.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	NA	--
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	--
9d	Scrutiny of Annual return on afforestation	NA	NA	--
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	--
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	--
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA	--
9h	Scrutiny of Annual return on fixed assets	NA	NA	--
9k	Scrutiny of Annual return on mining machineries	NA	NA	--

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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 :**

(DR. Sudhakara T.L)

Indian Bureau of Mines