

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

FMCP Inspection REPORT

Bangalore regional office

Mine file No : KNT/BLR/FE/392/BNG

Mine code : 30KAR03093

- (i) Name of the Inspecting : **S011**) **K.SRINIVAS**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Hegde, and Sri Jagadeesh, Sr. Manager and others
Official with
Designation
- (iv) Date of Inspection : 11/10/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SHANTHIPRIYA**
- (b) **Registration NO.** : **IBM/6227/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : BELLARY
Village : HANUMANHALLI
Taluka : HOSPET
Post office : HANUMANHALLI
Pin Code :
FAX No. : 0832-2521012 (F), 083942229
E-mail : ssmpl@chowgule.co.in
Phone : 0832-2525000,08394227342, }
- (f) Police Station : SANDUR
- (g) First opening date : 10/06/1985
- (h) Weekly day of rest : SUN
2. Address for : M/s Sri Santhipriya Minerals Private Limited
correspondance : CHOWGULE HOUSE, MORMUGAO HARBOUR
MORMUGAO, GOA - 403803
3. (a) Lease Number : KAR1056
- (b) Lease area : 80.97
- (c) Period of lease : 20
- (d) Date of Expiry : 09/06/2014
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : SHANTIPRIYA MINERALS
 HANUMANAHALLI VILLAGE,
 HOSPET TQ, BELLARY, BELLARY
 KARNATAKA
 Phone:08394-44329
 FAX :

Owner : SHANTIPRIYA MINERALS
 HANUMAN HALLI, K.
 CHINNASWAMY HOUSE,
 HOSPET, BELLARY. BELLARY
 KARNATAKA
 Phone:
 FAX :

Agent : R.P.ALVENKAR
 BELLARY KARNATAKA
 Phone:
 FAX :

Mining Engineer

Name : SANJEEV KUMAR, Full Time
 Qualification : B TECH, FCMMCC
 Appointment/ : 01/12/2004
 Termination date

Geologist

Name : S.M.HEGDE, Full Time
 Qualification :
 Appointment/ :
 Termination date

Manager

Name : SANJEEV KUMAR
 Qualification : B TECH, FCMMCC
 Appointment/ : 01/12/2004
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	19/10/2000
		Renewal under rule 22 MCR1960	09/09/2003
		Modif.of approved Mining Plan	25/04/2005
		Mining Scheme rule 12 MCDR1988	18/09/2008
		Mining Scheme rule 12 MCDR1988	18/02/2013

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	No proposals	Nil	No proposals for the year 2018-19.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	nil	-
1e	Balance reserve as on 01/04/20	-	-	Reserves as on 1.4.2018 is 1750858 tonnes.
1f	General remarks of inspecting officers on geology, exploration etc	-	-	The mine was not in operation for want of execution of deemed extension of lease period and F.C and E.C. There are no proposals for exploration.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Southwest part of the lease	Nil	Mine was not in operation.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	nil	-
2c	Stripping ratio or ore to OB ratio	1:0.62	nil	-
2d	Quantity of topsoil generation in m3	nil	Nil	-
2e	Quantity of overburden generation in m3	33750	Nil	No mining operations carried out.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	No mining operations carried out due to lack of having FC, EC etc.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	nil	-
3b	Quantity of ROM mineral production proposed	1,30,000 tonnes	nil	No production envisaged.
3c	Recovery of sailable/usable mineral from ROM production	100%	-	-
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	Yes	-	-
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	Yes	-	-

3k	Provision of mining machineries in mineral benches	yes	-	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	--	-
3m	Total area covered under excavation/pits	17.410 ha	17.410 ha	No mining operations carried out since 2009.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.62	nil	-
3o	Total area put in use under different heads at the end of year	Not specified	nil	-
3p	Production of ROM mineral during the last five year period as applicable	2013-14 : 500000t 2014-15: 130000t 2015-16: 130000t 2016-17 : 130000t 2017-18 : 130000t	2013-14 : nil 2014-15: nil 2015-16: nil 2016-17 : nil 2017-18 : nil	Mining operations have been stopped since 2009 due to expiry of Forest Clearance, lack of execution of deemed extension of lease period.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes	-
4b	Location of topsoil, OB and mineral reject dumps	Eastern side	Eastern side	-
4c	Number of dumps within lease area and outside of lease area	Two dumps	Two dumps	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	North eastern side	North eastern side	-

4e	Number of active and alive dumps.	Nil	Nil	-
4f	Number of dead dumps.	two	two	-
4g	Number of dumps established.	two	two	-
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	As per R&R	Provided as per R&R	-
4j	Number of settling ponds	Yes	Yes	-
4k	Specific comments of inspecting officer on waste dump management	-	-	There are no specific comments on waste dump management.

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.	Proposed	Not carried out.	No mining operations were carried out due to lack of FC.
5b	Area under backfilling of mined out area	2.40ha	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.	-	-	Backfilling proposals have not been implemented as the mine was not in operation.

Progressive Mine Clousre Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	-	submitted	
6b	Area available for rehabilitation (ha) .	No specific proposals	nil	-
6c	afforestation done (ha).	No specific proposals	nil	-
6d	No. of saplings planted during the year	No specific proposals	nil	-
6e	Cumulative no .of plants	No specific proposals	nil	-
6f	Any other method of rehabilitation	No specific proposals	nil	-
6g	Cost incurred on watch and care during the year	No specific proposals	nil	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No specific proposals	nil	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No specific proposals	nil	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No specific proposals	nil	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No specific proposals	nil	-

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No specific proposals	nil	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No specific proposals	nil	-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No specific proposals	nil	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No specific proposals	nil	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	No specific proposals	nil	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	No specific remarks on pmcp compliance and progressive closure operations, as the mine was not in operations since 2009.

Mineral Conservation:

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

7c	Different grade of mineral sorted out at mines.	yes	nil	-
7d	Any beneficiation process at mines	No proposals	nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	No remarks in mineral conservation and beneficiation issues.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	Nil	-
8b	Concurrent use or storage of topsoil	No proposals	nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	yes	nil	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals	nil	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No specific proposals	nil	-

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	5000 saplings	Not specified.	The area developed naturally with vegetation.
8g	Survival rate	70-80%	-	-
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	-	-	There is no change in aesthetic beauty in and around mines area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR submitted upto Sept.2018. AR submitted for the year 2017-18.	-	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	given	-	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given	-	-
9d	Scrutiny of Annual return on afforestation	given	-	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	the details given	No mining operations carried out.	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The details furnished	-	-

9g	Scrutiny of the details Annual return on given. sale value, Ex. Mine price and production cost	-	-
9h	Scrutiny of Given Annual return on fixed assets	-	-
9k	Scrutiny of The details Annual return on given. mining machineries	-	-

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
MCDR17	Rule 28(1)	07/11/2018	07/12/2018			

Date :**(K.SRINIVAS)**

Indian Bureau of Mines