

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

Review and updation of Mining Plan REPORT

Goa regional office

Mine file No : GOA/FeMn/34

Mine code : 30GOA02041

- (i) Name of the Inspecting : **SP01**) **SURESH PRASAD**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Riyaz Ahmed and Shri Avinash R. Morey, Q.P.
Official with
Designation
- (iv) Date of Inspection : 03/07/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GODBAIM OU CUTIEM CURPEM**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : GOA
District : SOUTH GOA
Village : CURPEM
Taluka : SANGUEM
Post office : SANGUEM
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 19/10/1951
- (h) Weekly day of rest : SUN
2. Address for : Village : Curpem
correspondance P.O. Vaddem, Tq.: Sanguem,
Dist. South Goa, Goa.
3. (a) Lease Number : GOA0253
(b) Lease area : 69.47
(c) Period of lease :
(d) Date of Expiry : 22/11/2027
4. Mineral worked : IRON ORE Main
MANGANESE ORE Associated

5. Name and Address of the

Lessee : CHANDRAKANT FONDU NAIK
 B1-B2, FELECINTA COMPLEX PB
 N.785,NR. H.WAY CIRCLE
 GOGOL, MARGAO-403601 SOUTH
 GOA GOA
 Phone:(0832) 738157/735113
 FAX :(0832) 738157

Owner : CHANDRAKANT FONDU NAIK
 R/O UNIRAAG, DEVTEWADO,
 CURCHOREM GOA SOUTH GOA GOA
 Phone:
 FAX :

Agent : ANIL G. NAIK
 B1/B2, FELECINTA COMPLEX
 NEAR CLOCK TOWER GOGOL,
 MARGAO SOUTH GOA GOA
 Phone:
 FAX :

Mining Engineer
 Name : BIJESH KUMAR JHA,Full Time
 Qualification : B. Tech. (Min.), First Class Mine Mgr. C
 Appointment/ : 18/12/2000 17/08/2001
 Termination date

Mining Engineer
 Name : DINESH S. PATIL,Full Time
 Qualification : AMIE, FCMMC
 Appointment/ : 17/08/2001
 Termination date

Mining Engineer
 Name : VISHAL VINAYAK KAMBLE,Full Time
 Qualification : B.E
 Appointment/ : 16/11/2010
 Termination date

Geologist
 Name : MRS MONCY FERNANDES E KHAN,Full Time
 Qualification : M.SC (GEOLOGY)
 Appointment/ : 05/06/2006
 Termination date

Geologist
 Name : M.K. BHAT,Full Time
 Qualification : M. Sc. (Geology)
 Appointment/ : 18/12/2000 05/06/2006
 Termination date

Manager
 Name : GUNANAND ROY
 Qualification : B.E,FCMM
 Appointment/ : 03/11/2009
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	16/07/2002
		Modif.approved Mining Scheme	22/07/2003
		Renewal under rule 24 MCR1960	10/10/2007
		Modif.of approved Mining Plan	06/05/2011
		MP modif under 17(3) MCR 2016	16/08/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	04 nos	nil	
1b	Exploration over lease area for geological axis 1 or 2	06 nos.	nil	As per the available information.notice of temprory discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started.
1c	Exploration Agencies and Expenditure in lakh rupees during the year		nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	about 40 HA	Nil	
1e	Balance reserve as on 01/04/20	9,29,760Tons		As per the MMP
1f	General remarks of inspecting officers on geology, exploration etc			As per the available information.notice of temprory discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	in one pit	nil	As per the available information.notice of temprory discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil, In Pit no-3, benches in ROM- 3, OB - 5	nil	
2c	Stripping ratio or ore to OB ratio	1:0.16	Nil	
2d	Quantity of topsoil generation in m3	not proposed	nil	
2e	Quantity of overburden generation in m3	2700m3	nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			As per the available information.notice of temprory discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	nil	

3b	Quantity of ROM mineral production proposed	45000ton	nil	As per the available information.notice of temporary discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started.
3c	Recovery of sailable/usable mineral from ROM production	45000t	nil	
3d	Quantity of mineral reject generation	none	nil	
3e	Grade of mineral rejects generation and threshold value declared.	nil	nil	Threshold value for normal ore hematite 45 %Fe2O3.
3f	Quantity of sub grade mineral generation.	nil	nil	
3g	Grade of sub grade mineral generation	na	nil	
3h	Manual / Mechanised method adopted for segregating from ROM	mechanised	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	No proposal	nil	
3k	Provision of mining machineries in mineral benches	yes	nil	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	nil	
3m	Total area covered under excavation/pits	6.5ha cumulative	nil	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.16	nil	
3o	Total area put in use under different heads at the end of year	16.15ha cumulative	nil	
3p	Production of ROM mineral during the last five year period as applicable		2013-14 to 2017-18- nil	As per the available information.notice of temporary discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started.
3q	General remarks of inspecting officers on method of mining etc.			As per the available information.notice of temporary discontinuance submitted by lessee vide letter no. vide letter no.RT/3026/2013-13,dtd. 30.01.2013. After that,mines was not re-started. This inspection has made for processing the RMP as submitted by the lessee.

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)	No proposal for top soil and MR.	Nil	
4b	Location of topsoil, OB and mineral reject dumps	one no. of OB dump.	nil	
4c	Number of dumps within lease area and outside of lease area	One dump inside	nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dump 1	nil	
4e	Number of active and alive dumps.	Temporary Stacking / Back-filling	nil	
4f	Number of dead dumps.	1 no.	nil	
4g	Number of dumps established.	nil	nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	-	old/exiting	
4i	Length of Retaining wall or garland drain all along dumps	-	nil	
4j	Number of settling ponds		existing pit	
4k	Specific comments of inspecting officer on waste dump management			Notice of temporary discontinuance received submitted on 30.01.2013. after that mining operation not restarted.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Full, extraction of minerals.	nil	
5b	Area under backfilling of mined out area	0.2ha	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	no proposal for top soil	nil	
5d	Total area fully reclaimed and rehabilitated	nil	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. after that,Mine was not re-started.

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).			Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.
6b	Area available for rehabilitation (ha) .	-	nil	

6c	afforestation done (ha).	-	nil	
6d	No. of saplings planted during the year	-	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	
6p	Compliance of environmental monitoring (core zone and buffer zone)	-	-	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.

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.	mechanical	nil	
7c	Different grade of mineral sorted out at mines.	yes	nil	

7d	Any beneficiation process at mines .	nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013- 13,dtd. 30.01.2013. Afterthat, Mine was not re- started.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil proposal.	nil	
8b	Concurrent use or storage of topsoil	not proposed	nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Ob/waste proposed for backfilling	nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Ob/waste proposed for backfilling	nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	--	nil	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		nil	
8g	Survival rate	-	nil	
8h	Water sprinkling on roads to control airborne dust		nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mines was not restarted after after discontinuance of operation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual returns 2017-18 and monthly returns submitted.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	not furnished	Not appointed	Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	nil	not furnished	Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.

9d	Scrutiny of Annual return on afforestation	nil	Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	furnished	Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		Notice of temporary discontinuance of mine was submitted by lessee vide letter no.RT/3026/2013-13,dtd. 30.01.2013. Afterthat, Mine was not re-started.
9h	Scrutiny of Annual return on fixed assets	furnished	
9k	Scrutiny of Annual return on 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

Date :

(SURESH PRASAD)

Indian Bureau of Mines