

MCDR Report

1) Name of Inspecting officer:	Mr. Prem Prakash
2) Designation	Deputy Controller of Mines
3) Accompanying mine official with designation	Mr. Prakash B.Naik – Mines Manager
4) Date of Inspection	14-06-2017
5) Date of Previous Inspection	18-07-2016

**PART –I GENERAL INFORMATION**

1. Name of mine	Godbeam-Ou-Cuttiem Curpem Mine
a. Category of mine(A-Fully mechanized, A-Other than fully mechanized, B-Manual )	A- Fully Mechanized
b. Mode of working ( OC/UG/Both o/c & u/g)	OC
c. Postal address	B-1, B-2, Felicinta Complex, near Gogol circle, Margao- Goa
d. State	Goa
e. District	South
f. Tehsil/ Taluka	Sanguem
g. Police station	Sanguem
h. Village	Curpem
i. Post	Waddem Curdi
j. Pin Code	403704
k. FAX	(0832) 2759051
l. E-mail	ironoremining@rediffmail.com
m. Phone	(0832) 2759113 , 2759746
n. Weekly day of rest	Sunday

2. a) Lease No.	:	T.C. No. 63/1951
b) Lease area in hect.	:	70.7948 Ha.
c) Period of lease	:	20 years
d) Date of expiry.	:	21-11-2027

3.a) Mineral(s) included in the lease deed	:	Iron Ore
b) Mineral(s) worked	:	Iron Ore

4. Name and address of ( including FAX/ E-mail, if any)		
a) Lessee/ owner	:	Shri. Rajesh P. Timblo, legal representative of late Shri Chandrakant Fondu Naik
b) Nominated owner	:	-
c) Agent with date of appointment	:	-
d) Mining Engineer	:	-
e) Geologist	:	-
f) Mine Manager with qualification and date of appointment	:	Prakash B. Naik, First Class Mines Manager's Certificate holder. Date of joining: 02-01-2017

5. Details about Mining Plan/ Mining Scheme		
a) Letter No. and date of approval of mining plan/ mining scheme	:	MMP/MECH-62/GOA/2016-17 dated:16.08.2016
b) Period of mining plan/ mining scheme in force :	:	Modified Mining Plan: for year 2016-17 to 2017-2018 (Block year 2013-14 to 2017-2018)

**PART II-TECHNICAL DETAILS**

[Followings i.r.o. year (2016-17)]

Annual Return for the year 2016-17 has not been submitted by the lessee till the date of inspection, as due date of submission is 1<sup>st</sup> July of every year for preceding year. Hence, information given below is based on the data provided by the Agent/ mines manager of the mine and information /proposal given in the Modification of Mining Plan (MMP) approved vide letter no.- MMP/MECH-62/GOA/2016-17 dated:16.08.2016.

I. Scientific Mining (As per latest approved mining Plan/Scheme)

1. Exploration:

Item	Proposals 2016-17	Actual work 2016-17	Remarks
1A.Backlog of previous year	NIL	NIL	As reported by the mines manager, Mine remained suspended vide DMG, Goa, OrderNo.:DMG/MAJ/ML/TS US/01/8326 dtd. 11.09.2012 and vide Hon'ble Supreme Court order dtd. 05.10.2012; and notice of temporary discontinuance submitted by lessee vide letter no. RT/3026/2013-13,dtd. 30.01.2013. After that, Mine was not re-started.
1B.Exploration over lease area for geological axis 1 or 2	4 BHs	NIL	
1C.Exploration agencies and expenditure in lakh during the year	NIL	NA	
1D.Balance area to be explored to bring geological axis 1 or 2	About 40 Ha	NIL	
1E.Balance reserve/resource on 01.04.2017	27,15,310 Te as per approved MMP	NIL	

2. Development:

A. Location of development in lease area	In one pit	NIL	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.
B. Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil, In Pit no-3, benches in ROM-2, OB - 1	NIL	
C. Stripping ratio (ore to OB ratio)	1:027	NIL	
D. Quantity of topsoil generation in m <sup>3</sup>	No Proposal	NIL	
E. Quantity of overburden generation in M <sup>3</sup> and in metric Ton	9500 T	NIL	

3. Exploitation:

A. Number of pit proposed for production	1 No	NIL	Although, modification of Mining Plan was approved on dated:16.08.2016 for year 2016-17 to 2017-2018. But Mine was not re-opened reportedly due to approach road for dispatch of minerals coming under the forest area, obtaining permission for use of the same is under process; and also due to time constraints and economically non-viability of operations.
B. Quantity of ROM mineral production proposed.	45,000	NIL	
C. Recovery ofailable/usable mineral from ROM production	45,000	NIL	
D. Quantity of mineral rejects generation	-	NIL	
E. Grade of Mineral rejects generation and threshold value declared	-	NIL	
F. Quantity of Sub-grade mineral	-	NIL	
G. Grade of Sub-grade mineral generation	-	NIL	
H. Manual/Mechanical method adopted for segregating from ROM	Mechanical	NIL	
I. Any analysis for benefaction study proposed and carried out for sub grade mineral	-	NIL	
J. Provision of drilling and blasting in mineral benches.	No Proposal	NIL	
L. Whether height of benches in overburden and mineral suitable for method of mining proposed.	Yes	NIL	
M. Total area covered under excavation/pits	6.5 Ha cummulative	NIL	
N. Ore to OB ratio for the pit/mine during the year	1:0.27	NIL	
O. Total area put in use under different heads at the end of the year	-	NIL	
P. Production of ROM mineral during the last five years period as applicable	2013-14 to 2016-17	NIL	

4. Waste:

A. Separate dumping of top soil, OB and mineral rejects (Rule 32, 33)	No proposal for Top soil	NIL	As reported by the mines manager, Mine remained suspended vide DMG, Goa, OrderNo.:DMG/MAJ/ML/TS US/01/8326 dtd. 11.09.2012 and vide Hon'ble Supreme Court order dtd. 05.10.2012; and notice of temporary discontinuance submitted by lessee vide letter no. RT/3026/2013-13,dtd. 30.01.2013. After that, Mine was not re-started.
B. Location of top soil, OB and mineral rejects dumps	One OB dump	NIL	
C. Number of dumps with in lease area and outside of the lease area	One dump in lease area	NIL	
D. Location of dumps w.r.t ultimate pit limit	Dump-1	NIL	
E. Number of active and alive dumps.	Temporarily Stacking / Back-filling	NIL	
F. Number of dead dumps	1 no.	NIL	
G. Numbers of dumps established	-	NIL	
H. Whether retaining wall or garland drain all along dump are there	-	Old/existing	
I. Length of retaining wall or garland drain all along dumps	-	NIL	
J. Number of settling ponds	-	Existing pits	

#### 5. Backfilling:

A. Status of part or full extraction of mineral from mined out area before starting backfilling	Full extraction of mineral from mined out area	NIL	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.
B. Area under backfilling of mined out area	0.20 Ha	NIL	
C. Concurrent use of topsoil for restoration or rehabilitation of mineral out area	No proposal for Top soil	NIL	
D. Total area fully reclaimed and rehabilitated.	-	NIL	

#### 6. PMCP:

A. Whether annual report on PMCP submitted on time and correctly,	-	-	Annual report on PMCP Not submitted for 2016-17 till the date of inspection. Due date up to 1st July.
B. Area available for rehabilitation (Ha)	-	NIL	
C. Afforestation done (Ha)	-	NIL	
D. No. of sapling planted during the year.	-	NIL	
E. Cumulative no. of plants.	-	NIL	
F. Any other method of rehabilitation	-	NIL	
G. Cost incurred on watch and care during the year	-	-	
H. Compliance on reclamation and rehabilitation by backfilling (i) voids available for backfilling L*B*W	-	NIL	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.
I. Compliance on reclamation and rehabilitation by backfilling (ii) voids filled by waste/tailings.	-	NIL	
J. Compliance on reclamation and rehabilitation by backfilling (iii) afforestation on backfilling area	-	NIL	
K. Compliance on reclamation and rehabilitation by backfilling( iv) rehabilitation by making water reservoir	-	NIL	
L. Compliance on reclamation and rehabilitation by backfilling (V) any other specific means.	-	NIL	

M. Compliance on rehabilitation of waste land within lease (i) afforestation :	-	NIL	
N. Compliance on rehabilitation of waste land within lease (ii) area rehabilitation (Ha) :	-	NIL	
O. Compliance on rehabilitation of waste land within lease (iii) method of rehabilitation :	-	NIL	
P. Compliance of environmental monitoring (core zone & buffer zone)	-	-	

#### II. Conservation:

A. ROM mineral dispatch or grade wise sorting within lease area.	Yes	NIL	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.
B. Method of grade wise mineral sorting i.e. manual or mechanical.	Mechanical	-	
C. Different grade of mineral sorted out of mines	Yes	NIL	
D. Any beneficiation process at mines	NIL	NIL	

#### III. Environment:

A. Separate removal and utilization of topsoil	No Proposal	NA	As reported by the mines manager, Mine remained suspended vide DMG, Goa, Order No.: DMG/MAJ/ML/TSUS/01/8326 dtd. 11.09.2012 and vide Hon'ble Supreme Court order dtd. 05.10.2012; and notice of temporary discontinuance submitted by lessee vide letter no. RT/3026/2013-13,dtd. 30.01.2013. After that, Mine was not re-started.
B. Concurrent utilization of topsoil	No Proposal	NA	
C. Separate dumps for overburden, waste rock, rejects and fines	OB/waste for back filling purpose	NIL	
D. Use overburden, waste rock, rejects and fines dumps for restoring the lands to its original use.	OB/waste For back filling purpose	NIL	
E. Phased restoration, reclamation and rehabilitation of lands affected by mining operation (pits, dumps etc.)	-	NIL	
F. Baseline information on existence of plantation and additional plantation done	-	-	
G. Survival rate	-	-	
H. Water sprinkling on roads to control airborne dust :	Water tankers	NIL	

#### IV. Compliance on Rule 45:

A. Status of submission of monthly & annual returns	Monthly returns submitted. Annual Return for the year 2016-17 has not been submitted till the date of inspection; since due date of submission is 1 <sup>st</sup> July of every year for preceding year.  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.
B. Scrutiny of annual return for information on Mining Engineer, Geologist and Manager :	
C. Scrutiny of annual return on land use pattern for area under pits, reclaimed area, dumps etc.	
D. Scrutiny of annual return on afforestation	
E. Scrutiny of annual return on mineral rejects generation (grade and quantity)	
F. Scrutiny of annual return on ROM stock and /graded ore	
G. Scrutiny of annual return on sale value, Ex. Mines price and production cost	
H. Scrutiny of annual return on fixed assets	
I. Scrutiny of annual return on mining machineries.	

#### V. Status of compliance of MCDR, 88 including therewith the rectification of outstanding violation of the rules.

Date of last inspection	Violation pointed out	Compliance reported	Remarks
18-07-2016	Nil	NA	Mine is non-working / temp. discontinued.
14-06-2017	Nil	NA	