

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

**Review and updation of Mining Plan REPORT**

**Goa regional office**

**Mine file No :** GOA/Fe/5

**Mine code :** 30GOA02006

- (i) Name of the Inspecting : **SP01( ) SURESH PRASAD**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 11/01/2018
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **ODAMOL**
- (b) **Registration NO. :**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : GOA
- District : SOUTH GOA
- Village : SANGOD
- Taluka : SANGUEM
- Post office : DHARBANDORA
- Pin Code : 403406
- FAX No. :
- E-mail :
- Phone :
- (f) Police Station :
- (g) First opening date : 06/12/1954
- (h) Weekly day of rest : SUN
2. Address for : Village : Sangod,  
correspondance Taluka : Sanguem,  
District : South Goa, Goa.
3. (a) Lease Number : GOA0116
- (b) Lease area : 85.72
- (c) Period of lease :
- (d) Date of Expiry : 22/11/2027
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : SOVA  
 SALGAOCAR CHAMBERS PO.BOX  
 NO:35 MARGAO SOUTH GOA GOA  
 Phone:0832-2737575  
 FAX :0832-3732271

Owner : M/S. SOVA  
 SALGAOCAR CHAMBERS,  
 P.B.NO.35, MARGAO-GOA  
 (403601) SOUTH GOA GOA  
 Phone:  
 FAX :

Agent : SANDESH L. GAUNS  
 SALGAOCAR CHAMBERS, P.O.  
 BOX 35, MARGAO, GOA. SOUTH  
 GOA GOA  
 Phone: 0832-737301(6 LINES)  
 FAX : 0832-732271/737

## Mining Engineer

Name :  
 Qualification :  
 Appointment/ :  
 Termination date

## Mining Engineer

Name : SHRI. SUBRAMANY, Full Time  
 Qualification : DIPLOMA IN MINING & Ist CLASS MINES MANA  
 Appointment/ : 21/10/2003  
 Termination date

## Manager

Name : SHRI. R.G.RAVINDRA  
 Qualification : DIPLOMA IN MINING & MINE SURVEYING  
 Appointment/ : 28/10/2003  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	28/10/2002
		Mining Scheme rule 12 MCDR1988	24/12/2004
		Renewal under rule 24 MCR1960	24/04/2009
		MP modif under 17(3) MCR 2016	06/01/2017

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

## Exploration :

Item	Proposals 2016-17	Actual work 2016-17	Remarks
1A.Backlog of previous year	NIL	NIL	As reported by Mines Manager, Mines was not operated from the year 2012-13 to 2016-17.
1B.Exploration over lease area for geological axis 1 or 2	NIL	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	10.32 Ha	NIL	
1E.Balance reserve/resource on 01.04.2017	7,223,035 Te as per approved MMP	NIL	

## 2. Development:

A. Location of development in lease area	In one pit	NIL	Violation issued for correction of benches under rule 11(1) of MCDR,2017
B. Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil,	NIL	
C. Stripping ratio (ore to OB ratio)	1:0.25	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	38,861 M3	NIL	

## 3. Exploitation:

A. Number of pit proposed for production	1 No	NIL	Although, modification of Mining Plan was approved on dated:06.01.2017 for year 2016-17 to 2017-2018. But Mine was not restarted.
B. Quantity of ROM mineral production proposed.	193046	NIL	
C. Recovery of sailable/usable mineral from ROM production	193046	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	Mechanic	NIL	

segregating from ROM	al	
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	27.465 Ha cummulative	NIL
N. Ore to OB ratio for the pit/mine during the year	1:0.25	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	Mines were not operated from 2013-14- to 2016-17 and till date of inspection.
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	area	NIL	
D. Location of dumps w.r.t ultimate pit limit	Dump-1	NIL	
E. Number of active and alive dumps.	Surface dumping	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	nil	NIL
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B. Area under backfilling of mined out area	nil	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,	-	-	Mines was not operated from 2013-14 to 2016-17 and further till date of inspection.  Violation issued for F.A.
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	
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	
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	
B. Concurrent utilization of topsoil	No	NA	

	Proposal	
C. Separate dumps for overburden, waste rock, rejects and fines	yes	NIL
D. Use overburden, waste rock, rejects and fines dumps for restoring the lands to its original use.		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 Submitted.  Observation made and issued violation.
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.	

**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed				Show cause position			
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on		
MCDR17 Rule 11(1)	23/01/2018	05/04/2018					
MCDR17 Rule 27(2)	23/01/2018	05/04/2018					
MCDR17 Rule 45(1)	23/01/2018						
MCDR17 Rule 55(1) (1)	23/01/2018						

Date :

(SURESH PRASAD)

Indian Bureau of Mines

