

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

Review and updation of Mining Plan REPORT

Goa regional office

Mine file No : KNT/NK/LSH - 3/GOA

Mine code : 37KAR15004

- (i) Name of the Inspecting : P01) PREM PRAKASH
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/SHRI. RAFIQ, REPRESENTATIVE OF LESSEE & MANJUNATH K
Official with
Designation
- (iv) Date of Inspection : 26-OCT-21
- (v) Prev.inspection date : 05-MAR-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : SUNKARI M.L1341(132.58HA)
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : NORTH KANARA
- Village : KADWAD
- Taluka : KADWAD
- Post office : KADWAD
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 19-SEP-76
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : M/S COASTAL MINERALS
GOA LIME INDUSTRIES, KHARABAND ROAD,
MARGOA, GOA.
3. (a) **Lease Number** : KAR0566
- (b) **Lease area** : 122.63
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 26-JUN-16
4. **Mineral worked** : LIMESHELL Main

5. Name and Address of the

Lessee : U.M.ABBAS
 M/SCOASTAL MINERALS, C/OGOA
 LIME INDUSTRIES, KHARABAND
 ROAD,MARGOA. NORTH KANARA
 KARNATAKA
 Phone:
 FAX :

Owner : U.M.ABBAS
 COASTAL MINERALS, GOA LIME
 INDUSTRIES, KHARABAND
 ROAD,MAR GOA. NORTH KANARA
 KARNATAKA
 Phone:
 FAX :

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	03-JUN-04
		Mining Scheme rule 12 MCDR1988	13-JAN-09
		Mining Scheme rule 12 MCDR1988	03-OCT-13
		MP review under 17(1) MCR 2016	30-APR-19

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	Nil	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	proposal for year 2019-20 & 2020-21 : 29 nos. of points marked for Riverbed sample collection	Nil	As reported during site inspection, Mine is non-working since year 2016-17.
1d	Balance area to be explored to bring Geological axis in 1 or 2		NA	Riverbed Lime shell deposit of Replenishing type
1e	Balance reserve as on 01/04/20		Reserve (111) = 1759016 Tons	As per Review of Mining Plan (RMP) approved dtd. 30.04.2019
1f	General remarks of inspecting officers on geology, exploration etc		Riverbed Lime shell deposit of Replenishing type is there. However, As reported during inspection, Mine has been non-working since year 2016-17 awaiting lease extension order (executed ML deed got expired on 26.06.2016) and statutory clearances/exemptions.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	As indicated over P & D Plan & Section	Nil	Mine is non-working since year 2016-17
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	
2c	Stripping ratio or ore to OB ratio	1 : 0	NIL	

2d	Quantity of topsoil generation in m3	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		As reported during inspection, Mine has been non-working since year 2016-17 awaiting lease extension order (executed ML deed got expired on 26.06.2016) and statutory clearances/exemptions.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	NA	Riverbed Mining of Lime Shell
3b	Quantity of ROM mineral production proposed	2,20,000 te in FY 2020-21	Nil	Mine is non-working since year 2016-17
3c	Recovery of sailable/usable mineral from ROM production	2,20,000 te in FY 2020-21	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	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	Nil	Nil	

3k	Provision of mining machineries in mineral benches	Nil	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	Riverbed Mining of Lime Shell
3m	Total area covered under excavation/pits	12 ha.	No work in 2020-21	Riverbed Mining of Lime Shell
3o	Total area put in use under different heads at the end of year	12 Ha.	No work in 2020-21	
3p	Production of ROM mineral during the last five year period as applicable	ROM production proposal as per Review of Mining Plan (RMP) approved dtd. 30.04.2019 :- FY2019-20 :2,20,000te, FY2020-21: 2,20,000 te	FY2019-20 : Nil , FY 2020-21: Nil	As reported during inspection, Mine has been non-working since year 2016-17
3q	General remarks of inspecting officers on method of mining etc.		Riverbed manual Mining of Lime Shell was proposed with the use of boat, steel plates and nylon nets attached to long bamboo sticks. However, As reported during inspection, Mine has been non-working since year 2016-17 awaiting lease extension order (executed ML deed got expired on 26.06.2016) and statutory clearances/exemptions.	

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)	NA	NA
4b	Location of topsoil, OB and mineral reject dumps	NA	NA
4c	Number of dumps within lease area and outside of lease area	NA	NA
4e	Number of active and alive dumps.	NA	NA
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA
4j	Number of settling ponds	NA	NA
4k	Specific comments of inspecting officer on waste dump management		Waste dump management is Not applicable (NA) in this type of Riverbed Mining of Lime Shell.

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.	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Backfilling, reclamation etc. is Not applicable (NA) in this type of Riverbed Mining of Lime Shell.
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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).	To be submitted before 1st July of every Year	Not Submitted	As reported during inspection, Mine has been non-working since year 2016-17.
6d	No. of saplings planted during the year	Plantation (Mangrove) of 1250 saps. In FY 2020-21	Nil	
6f	Any other method of rehabilitation	Nil	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			As reported during inspection, Mine has been non-working since year 2016-17 awaiting lease extension order (executed ML deed got expired on 26.06.2016) and statutory clearances/exemptions.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch	Nil	Mine has been non-working since year 2016-17
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
7c	Different grade of mineral sorted out at mines.	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Beneficiation, processing etc. are Not applicable (NA) in this type of Riverbed Mining of Lime Shell. Extracted Lime Shell being dispatched directly. However, Mine has been non-working since year 2016-17 as reported during inspection.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA
8h	Water sprinkling on roads to control airborne dust	NA	NA
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Restoration, reclamation and rehabilitation of lands affected by mining operations is Not applicable (NA) in this type of Riverbed Mining of Lime Shell. Aesthetic beauty in and around the mine area is good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Monthly Returns have not been submitted since April'2018; Annual Returns for the years 2018-19, 2019-20 & 2020-21 have not been submitted.	Violation issued for non-submission of Monthly & Annual Returns
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return for FY 2020-21 is not submitted	Annual Return for FY 2020-21 is not submitted	Violation issued for non-submission of Monthly & Annual Returns
9k	Scrutiny of Annual return on mining machineries	Annual Return for FY 2020-21 is not submitted	Violation issued for non-submission of Monthly & Annual Returns	As reported, Mine has been non-working since year 2016-17

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 28(1)	15-NOV-21			
MCDR17	Rule 45(5)(k	15-NOV-21			
MCDR17	Rule 45(5)(c	15-NOV-21			

Date :

(PREM PRAKASH)

Indian Bureau of Mines