

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BJP/LST-84/GOA

Mine code : 38KAR26065

- (i) Name of the Inspecting : **NKK**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/SHRI K SURESH REDDY, REPRESENTATIVE OF LESSEE AND O
Official with
Designation
- (iv) Date of Inspection : 04-MAR-24
- (v) Prev.inspection date : 28-AUG-18

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **YANDIGERI (ML. NO. 2523)**
- (b) **Registration NO.** : **IBM/5654/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : BAGALKOT
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : seshasai_mining@yahoo.co.in
Phone : 9980038349 (M)
- (f) Police Station : LOKAPUR
- (g) First opening date : 25-JAN-11
- (h) Weekly day of rest : TUE
2. Address for : SY. NO -63/1, AT --MUDDAPUR
correspondance TQ- MUDHOL, DIST--- BAGALKOT
KARNATAKA-587122
3. (a) Lease Number : KAR1467
- (b) Lease area : 4.86
- (c) Period of lease : 50
- (d) Date of Expiry : 19-NOV-52
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : SESA SAI MINERAL ENTERPRISES
 Sy.No 63/1, At & Po-
 Muddapur TALUKA- MUDHOL
 BAGALKOT KARNATAKA
 Phone:+919448138349
 FAX :

Owner : K. SURESH REDDY, PARTNER
 SY. NO. 63/1, AT-MUDDAPUR
 TQ-MUDHOL BAGALKOT
 KARNATAKA
 Phone: 09448138349
 FAX :

Agent : A.M.AMBALIMATH
 C/o M/s Sesa Sai Minerals
 Sy.No. 63/1, AT & Po-
 Muddapur Tq-Mudhol BAGALKOT
 KARNATAKA
 Phone:
 FAX :

Geologist

Name : H.Ravesh, Part Time
 Qualification : M.Sc Earth Science
 Appointment/ : 15-JUL-15
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	11-OCT-07
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	09-APR-12
		MP modif under 17(3) MCR 2016	23-OCT-17
		MP review under 17(1) MCR 2016	16-DEC-21

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	As mentioned in approved document, Exploration already carried out to G1 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20		Proved Mineral Reserves (111) = 3492761 tons of Limestone of grade 35% to 49.20 % Cao	
1f	General remarks of inspecting officers on geology, exploration etc			No exploration proposal was given for the year 2022-23. As mentioned in approved document, exploration in the entire Lease area is covered under Geological axis 1.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1784057 to N1784167 E548394 to E548545	Nil	Mine is non-working
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed	Nil	Mine is non-working

2c	Stripping ratio or ore to OB ratio	1:0.45	NIL	Mine is non-working
2d	Quantity of topsoil generation in m3	1958 m3	NIL	Mine is non-working
2e	Quantity of overburden generation in m3	42531 m ³ or 89506 tons 22222 tons IB + 67284 tons	NIL	Mine is non-working
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine has been temporary discontinued for want of E.C.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	200000	Nil	Mine is non-working
3c	Recovery of sailable/usable mineral from ROM production	Recovery 100% 200000 tons	NA	Mine is non-working
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	Mechanised	Mechanised	
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	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	2.8 Ha. For Five Years	Nil	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.45	Nil	Mine has been temporary discontinued
3o	Total area put in use under different heads at the end of year	2.35 Ha	2.35 Ha	4.16 Ha. For Five Years
3p	Production of ROM mineral during the last five year period as applicable	2018-19: 100000 2019-20: 200000 2020-21: 200000 2021-22: 200000 2022-23: 200000 (in tonnes)	2018-19: 00 2019-20: 00 2020-21: 00 2021-22: 00 2022-23: 00 (in tonnes)	

3q General remarks
of inspecting
officers on
method of mining
etc.

Mine has been
temporary
discontinued in
the RY for want of
E.C.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed for Intercalated Waste	Yes	
4b	Location of topsoil, OB and mineral reject dumps	Top Soil Location N1784320 to N1784166 E548535 to E548561 OB; Location N178424253 to N1784317 E548397 to E548504	Nil	
4c	Number of dumps within lease area and outside of lease area	Lease area = 1 Non Lease area = 0	Lease area = 0 Non Lease area = 0	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			
4e	Number of active and alive dumps.	N178424253 to N1784317 E548397 to E548504	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
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	RW=125 GW=128	Nil	
4j	Number of settling ponds	0	0	
4k	Specific comments of inspecting officer on waste dump management			Mine reported nonworking in the RY 2022-23

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Not proposed	Nil	
5b	Area under backfilling of mined out area	Nil	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.			The mine working has been not reached to UPL , hence no proposals were furnished for backfilling & reclamation/rehabilitation.

Progressive Mine Clousre Plan:

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

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	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	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	yes	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine is reported as non-working in the RY.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting within lease area	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	yes	Nil	
7d	Any beneficiation process at mines .	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine is non-working.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	yes	Nil	Mine is non-working
8b	Concurrent use or storage of topsoil	yes	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No	Nil	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No	No	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No	No	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No	No	
8g	Survival rate	50-60%	Nil	
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			Aesthetic beauty in and around mines area observed to be good. But, no working in the mine.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		M.R. Submitted up to March 2024 & A.R. Submitted up to 2022-2023	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Mining EngineerVeerabhadrayya Pujar & Geologist-Shridhar M Bhat	Non working mine.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	area under pits-1.62 Ha., others-0.04 Ha. etc.	
9d	Scrutiny of Annual return on afforestation	Yes	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Yes	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found in order.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes	NIL	Mine is non working in RY
9h	Scrutiny of Annual return on fixed assets	Yes	Rs. 2000000	
9k	Scrutiny of Annual return on mining machineries	Yes	NIL	Non working in the RY.

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

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines