

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BGM/LST-20/GOA

Mine code : 38KAR02026

- (i) Name of the Inspecting : **SP01**) **SURESH PRASAD**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SHRI. N.MURTHY, LESSEE'S REPRESENTATIVE**
Official with
Designation
- (iv) Date of Inspection : 10-DEC-20
- (v) Prev.inspection date : 31-JUL-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KAMAKERI (ML2438)**
- (b) **Registration NO.** : **IBM/539/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : KARNATAKA
- District : BELGAUM
- Village : KAMAKEERI
- Taluka : RAMDURG
- Post office : KAMKERI
- Pin Code :
- FAX No. : 08350-240171
- E-mail : sudhaminerals@gmail.com
- Phone : 08350-240171
- (f) Police Station : Lokapur
- (g) First opening date : 08-MAR-04
- (h) Weekly day of rest : TUE
2. Address for : M/s Sudha Minerals
correspondance : At-Kamakeri, Tq- Ramadurg
Dist-Belgaum, Karnataka
3. (a) Lease Number : KAR1385
- (b) Lease area : 4.08
- (c) Period of lease : 20
- (d) Date of Expiry : 16-JAN-24
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : RAMANNA SIDDAPPA PUJARI
 POST - JADAR ARLIKATTI,
 TALUKA - MUDHOL, DISTRICT -
 BAGALKOT BAGALKOT KARNATAKA
 Phone:08350-340407
 FAX :

Owner : RAMANNA S. PUJARI
 M/s Sudha Minerals Mudhol
 Road, At & Po-Lokapur Tq-
 Mudhol, Dist-Bagalkot
 BAGALKOT KARNATAKA
 Phone: 08350-240407 (R
 FAX :

Geologist

Name : A.Shivram,Part Time
 Qualification : Msc, Geology
 Appointment/ : 01-JUL-16
 Termination date

Manager

Name : Shri Gopal Pujari
 Qualification : Mine Mate certificate holder
 Appointment/ : 25-NOV-11
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	30-OCT-03
Plan/Scheme of Mining		Modif.of approved Mining Plan	03-JAN-06
		Modif.of approved Mining Plan	20-NOV-07
		Mining Scheme rule 12 MCDR1988	19-AUG-08
		Mining Scheme rule 12 MCDR1988	22-JAN-14
		MP modif under 17(3) MCR 2016	20-FEB-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Total 05 nos.(2018-19:- 02 & 2019-20 :- 03 nos.)	5 Core bore holes Drilled	
1b	Exploration over lease area for geological axis 1 or 2	G-1	G-1	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		GEO TEK Explorations Nagpur, Rs 2.25 lacks	As per the information submitted by lessee.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	5 Core bore holes Drilled
1e	Balance reserve as on 01/04/20	As per the approved MP indicated as on 01.04.2018 Limestone- 0.27 Million Tonnes Dolomite-0.28 Million Tonnes	As per AR 2019-20 L/S(111) 0.23 Million Tonnes Dolomite(111):- 0.25 million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc		Exploration of 05 nos. Bore Holes were reported to be completed.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	E-529112-E-529170 N-1790225-N-1790268	E-529112-E-529170 N-1790225-N-1790268	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	No overburden benches.	

2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.00	
2d	Quantity of topsoil generation in m3	250 CUM	50 cum	
2e	Quantity of overburden generation in m3	1818 CUM	NIL	Achieved as per the AR 2019-20
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Development of benches was not made as per the geometry given in the approved MMP.	Violation issued.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	Limestone 24354 Te Dolomite 49968 Te	Limestone 19200 Te Dolomite 13500 Te	
3c	Recovery of sailable/usable mineral from ROM production	95%	100%	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Not applicable	THV Limestone 35% CaO
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	

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	J.H.Drillig Blasting With Slurry Explosives & Elec Detonators	J.H.Drillig Blasting With Slurry Explosives & Elec Detonators	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No OB Benches Mineral Benches-3Mts of manual operation.	5-6 mtr	Violation issued for rectification.
3m	Total area covered under excavation/pits	2.300Ha	2.300Ha	
3o	Total area put in use under different heads at the end of year	O/C -2.17Ha Road &Etc.0.30 A forestation 0.25	As per AR 2019-20:- O/C working- 2.00 Ha Plant and other-0.30 Ha Other purposes- 1.82 Ha	
3p	Production of ROM mineral during the last five year period as applicable	Unit- Tonnes 2015-16-L/S- 25013 D/S- 50001 2016-17- L/S-25014 D/S- 50002 2017-18 L/S- 24995 D/S- 50003 2018-19 L/S-24927 D/S- 49936 2019-20 L/S-24354 D/S- 49968	Unit- Tonnes 2015-2016 L/S,8600 D/S,4400 2016-2017 L/S,12200 D/S- 8600 2017-2018,L/S.24990 D/S,40000 2018-2019,L/S.20000 D/S.14500 2019-2020,L/S.19200 D/S.13500	L/S- Limestone D/S- Dolomite
3q	General remarks of inspecting officers on method of mining etc.		Mines benches are not maintained as per the approved benches designed parameters.	Violation issued.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposal	Nil	Overburden generation is very less.
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	Used for plantation.
4c	Number of dumps within lease area and outside of lease area	Lease area = 0 Non Lease area = 0	Lease area = 0 Non Lease area = 0	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL		NIL
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management		As the generation of overburden is very less. Therefore, dump formation/ management is not envisaged in the Year 2019-20.	

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.	No proposal	NIL	Minerals not exhausted from the pit. Hence ,area is not matured for backfilling
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	Minerals not exhausted from the pit. Hence ,area is not matured for backfilling/ rehabilitaion.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		As Minerals has not exhausted from the pit. Hence ,area is not matured for backfilling/ rehabilitaion.	

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).	Yes	Yes	
6b	Area available for rehabilitation (ha) .	NIL	NIL	Minerals not exhausted from the pit. Thus ,area is not matured for backfilling/ rehabilitaion.
6c	afforestation done (ha).		green belt developement 100 nos.	Good planation observed in and around the mine premises.
6d	No. of saplings planted during the year	120 nos.	100 nos.	good plantation observed in around the mine area.
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	NIL	NIL	Area not matured for backfilling and rehabilitation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL	Mineral not exhausted from the pit.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	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)	Environment monitoring	Core zone & buffer zone monitoring
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mines is not matured for backfilling as mineral not exhausted from the pit.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual sorting	Manual sorting	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	BF Grade	BF Grade	As per AR 2019-20
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Satisfactory. Almost all the mined out material is used in ore.	

 Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	250 cum in Proposal	50 cum reported	
8b	Concurrent use or storage of topsoil	For Plantation	For Plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	NIL	Very less reject/waste formation.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	120 nos.	100 Nos	In the year 2019-20. Further, good plantation observed in the mine office area.
8g	Survival rate	90%	90%	
8h	Water sprinkling on roads to control airborne dust	Yes	yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Thick plantation in the mine approach area and mine office premises were observed.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR Submitted up to = NOV-2020 AR Submitted up to = 2019-20	MR Submitted up to = NOV-2020 AR Submitted up to = 2019-20	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Mining Engineer - Geologist-Not Appointed	Violation issued.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		O/C. 2.00 Ha Road .0.30 Ha	As per AR 2019-20
9d	Scrutiny of Annual return on afforestation		100 nos.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		ROM -Nil Closing Stock L/S (BF Grade)1579.690 Tones Closing stock D/S 2099.298	L/S- Limestone D/s Dolomite
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value - L/S-484.32 Rs/T D/S-406.42 Rs/T Cost of production-309.35 Rs/T	Sale Value - L/S-484.32 Rs/T D/S-406.42 Rs/T Cost of production-309.35 Rs/T	Mineral sale to some vendor having no any IBM regstration. Violation issued.
9h	Scrutiny of Annual return on fixed assets		Rs 14,70,000	
9k	Scrutiny of Annual return on mining machineries	Air Compressor- 1 &water tanker	Air Compressor- 1 &water tanker	

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
MCDR17	Rule 11(1)	01-JAN-21			
MCDR17	Rule 33	01-JAN-21			
MCDR17	Rule 45(7)(a)	01-JAN-21			
MCDR17	Rule 55(1)(3)	01-JAN-21			

Date :

(SURESH PRASAD)

Indian Bureau of Mines