

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BJP/LST-91/GOA

Mine code : 38KAR26071

- (i) Name of the Inspecting : **SP01**) **SURESH PRASAD**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SHRI.V.R.MATHAD, LESSEE**
Official with
Designation
- (iv) Date of Inspection : 11-DEC-20
- (v) Prev.inspection date : 04-MAR-20

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MUDDAPUR (M.L.NO.2589)**
- (b) **Registration NO.** : **IBM/865/2011**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **KARNATAKA**
- District : **BAGALKOT**
- Village : **Muddapur**
- Taluka :
- Post office : **Lokapur**
- Pin Code : **22**
- FAX No. :
- E-mail : **rkt.rkm60@yahoo.com**
- Phone : **9845531062**
- (f) **Police Station** : **LOKAPUR**
- (g) **First opening date** : **30-JAN-09**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **AT & PO- LOKAPUR-587122**
TQ-MUDHOL
DIST- BAGALKOT, KARNATAKA
3. (a) **Lease Number** : **KAR1564**
- (b) **Lease area** : **4.85**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **22-DEC-28**
4. **Mineral worked** : **DOLOMITE** Associated
LIMESTONE Main

5. Name and Address of the

Lessee : VEERENDRA R. MATHAD
 Bin R.K.Mathad Near
 Daneshwari Math Lokapur,
 Tq- Mudhol BAGALKOT
 KARNATAKA
 Phone:09448127238
 FAX :

Owner : V.R.MATHAD
 AT & PO- LOKAPUR TQ-MUDHOL
 BAGALKOT KARNATAKA
 Phone:
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	01-FEB-08
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	05-MAY-14
		MP review under 17(1) MCR 2016	25-JAN-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Backlog	NIL	Entire area is covered under G1 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	G-1 Level	G-1 Level	Entire area is covered under G1 level of exploration.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	Entire area is covered under G1 level of exploration
1e	Balance reserve as on 01/04/20	As per approved RMP as on 01.04.2018 Under 111 category:- 2503655 te	As per Annual return 2019-20:- Under 111 category 2457353 te	
1f	General remarks of inspecting officers on geology, exploration etc		Entire mineralized area has developed and covered under G1 level of exploration.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 1791390 to 1791355 E 530970 to 531020 N 1791390 to 1791280 E 531140 to 531190	N1791340 to 1791410 E 539080 to 531075	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Proposed	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.04	
2d	Quantity of topsoil generation in m3	No Proposal	NIL	

2e	Quantity of overburden generation in m3	1023 cum	408
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		No top soil proposed & achieved during the year 2019-20. The reject /waste (intercalated waste) handling is very less therefore no separate benches are developed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 Pit	1 Pit	
3b	Quantity of ROM mineral production proposed	48575.000 te	25523.000 te	reportdely low market demand.
3c	Recovery of sailable/usable mineral from ROM production	48575.000 te	25523.000 te	100% reported
3d	Quantity of mineral reject generation	No proposal	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	THV Limestone :- 35% CaO
3f	Quantity of sub grade mineral generation.	NIL	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	Jack H Drilling and Blasting with Slurry Explosive and ED	Jack H Drilling and Blasting with Slurry Explosive and ED	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3M	Yes	
3m	Total area covered under excavation/pits	1.850 ha	1.850 Ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	1:0.04	
3o	Total area put in use under different heads at the end of year		O/C 1.85 Dump: 0.050 Infr. & Road: 0.60	As per AR 2019-20
3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 33072.00 2016-17 - 33150.00 2017-18 - 34320.00 2018-19 - 48575.00 2019-20 - 48575.00	2015-16 - 33072.00 2016-17 - 33072.00 2017-18 - 33072.00 2018-19 - 20779.00 2019-20 - 25523.00	Unit:- Tonnes Data are as per approved RMP & AR 2019-20.
3q	General remarks of inspecting officers on method of mining etc.		Mine is reportedly operated with manual operation with jack hammer drilling.	

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal for dumping, materials to be used for road repair and bund formation	Not achieved for dump, materials to be used for road repair and bund formation	Very small scale waste generation.

4b	Location of topsoil, OB and mineral reject dumps	No proposal	NIL	Waste generation is very less.
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	
4f	Number of dead dumps.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			As Waste generation is very less. No any dump formation is made.

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	Mineral is not exhausted from the pitTherefore, backfilling is not envesaged.
5b	Area under backfilling of mined out area	No proposal	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	NIL	
5d	Total area fully reclaimed and rehabilitated	No proposal	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			As Mineral is not exhausted from the pit.Bckfilling/ reclamation is not envisioned.

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 on or before 01.july.	Submitted	
6b	Area available for rehabilitation (ha) .	NO proposal	NIL	As Mineral is not exhausted from the pit.Bckfilling/ reclamation/ rehabilitation is not envisioned.
6c	afforestation done (ha).	0.050ha	0.050 ha	For green belt developement.
6e	Cumulative no .of plants		100 nos.	2019-20:- 50nos.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NIL	As Mineral is not exhausted from the pit.Bckfilling/ reclamation/ rehabilitation is not envisioned.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	As Mineral is not exhausted from the pit.Bckfilling/ reclamation/ rehabilitation is not envisioned.	
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	
6p	Compliance of environmental monitoring (core zone and buffer zone)	YES	Yes	Manual operation.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Satisfactory as Mineral is not exhausted from the pit.Bckfilling/ reclamation is not envisioned.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	Yes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	BF & Cement Grade	BF & Cement Grade	CaO +35%
7d	Any beneficiation process at mines .	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		No beneficiation. Mineral is being reportedly segregated manually.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	No proposal in the year 2019-20. However, top soil as generated used for planation.
8b	Concurrent use or storage of topsoil	NIL	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NO Proposal	NIL	No any dump formation proposed/ reported.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	Very less quantity of reject/waste.which is being used for road repair and bund formation .

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)	50 nos	50 nos	For the year 2019-20
8g	Survival rate	70 %	60 %	
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		Plantation on safety zone of 7.5m lease boundary 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-20 AR Submitted up to = 2019-20	MR Submitted up to = Nov-20 AR Submitted up to = 2019-20	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines manger- Mr. A H Kuratti	Mining Engineer and Geologist not appointed	Violation issued.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/C 1.85 Dump: 0.050 Infr. & Road: 0.60	O/C 1.85 Dump: 0.050 Infr. & Road: 0.60	As per AR 2019-20
9d	Scrutiny of Annual return on afforestation		50nos	

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 BF Grade: 7835 T Cement Grade: 7066 T	ROM - nil BF Grade: 7835 T Cement Grade: 7066 T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	BF Grade Rs: 630 Rs/t Cement Grade Rs: 239 Rs/t Production cost-299.60 Rs/t	BF Grade Rs: 630 Rs/t Cement Grade Rs: 239 Rs/t Production cost-299.60 Rs/t	Sample invoice checked. Material sold to the buyers having no IBM registration. Violation issued.
9h	Scrutiny of Annual return on fixed assets	Furnished	Rs: 4319524	
9k	Scrutiny of Annual return on mining machineries		Air Compressor: 4.000 Cum	manual mining

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 45(7)(a)	04-JAN-21				
MCDR17 Rule 55(1)(3)	04-JAN-21				

Date :

(SURESH PRASAD)

Indian Bureau of Mines