

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

MCDR inspection REPORT

Goa regional office

Mine file No : KNT/BJP.LST-65/GOA

Mine code : 38KAR26045

- (i) Name of the Inspecting : **SP01**) **SURESH PRASAD**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SHRI.S.R.MATHAD, LESSEE**
Official with
Designation
- (iv) Date of Inspection : 12-DEC-20
- (v) Prev.inspection date : 17-OCT-18

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LOKAPUR (9 AC 5 GU)ML2405**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : KARNATAKA
District : BAGALKOT
Village : LOKAPUR
Taluka : MUDHOL
Post office : LOKAPUR
Pin Code : 587122
FAX No. : 08350-240563
E-mail : rkt.rkm60@yahoo.com
Phone : 08350-340038
- (f) Police Station : Lokapur
- (g) First opening date : 18-JUN-03
- (h) Weekly day of rest : TUE
2. Address for : Shri S.R.Mathad
correspondance : At and po-Lokapur-587122
Tq-Mudhol, Dist-Bagalkot
3. (a) Lease Number : KAR1360
- (b) Lease area : 3.69
- (c) Period of lease : 20
- (d) Date of Expiry : 01-JUN-23
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SURESH RUDRAIAH MATHAD
P.O. LOKAPUR TALUKA-MUDHOL
DISTRICT-BAGALKOT BAGALKOT
KARNATAKA
Phone:08350-340038
FAX :

Owner : S.R.MATHAD
At Po-Lokapur Tq-Mudhol
BAGALKOT KARNATAKA
Phone: 08350-340038
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	28-APR-03
Plan/Scheme of Mining		Modif.of approved Mining Plan	12-APR-06
		Modif.of approved Mining Plan	20-NOV-07
		Mining Scheme rule 12 MCDR1988	27-JAN-10
		Mining Scheme rule 12 MCDR1988	24-SEP-13
		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/G2 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	Entire area is covered under G1/G2 level of exploration.	Entire area is covered under G1/G2 level of exploration.	
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	Entire area is covered under G1/G2 level of exploration.
1e	Balance reserve as on 01/04/20	As per approved RMP as on 01.04.2018 Under 111 category:- 1088575 Te	As per Annual return 2019-20:- Under 111 category :-1056857 Te	
1f	General remarks of inspecting officers on geology, exploration etc		Entire mineralized area has developed and covered under G1/G2 level of exploration.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1788129 to 1788203 E539213 to 539390	N1788200 to 1788140 E559225 to 559275	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Proposed	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.00	

2d	Quantity of topsoil generation in m3	No Proposal	NIL
2e	Quantity of overburden generation in m3	1263 CUM	Nil
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/nil, 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	60000.000 Te	13588 te	Manual mining operation.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
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	

3m	Total area covered under excavation/pits	2.540 ha	2.540 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	1:0.00	
3o	Total area put in use under different heads at the end of year		O/C: 2.54 Road & Infr: 0.02	As per AR 2019-20
3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 58998.200 2016-17 - 58998.200 2017-18 - 58913.200 2017-18 - 65003.000 2018-19 - 60000.000 2019-20 - 60000.000	2015-16 - 58998.200 2016-17 - 58998.200 2017-18 - 44140.000 2018-19 - 18130.000 2019-20 - 13588.000	Unit:- Tonnes Data are as per approved RMP & AR 2019-20.
3q	General remarks of inspecting officers on method of mining etc.		Mines is reportedly operated with manual operation with jack hammer drilling.	

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 for dumping , materials to be used for road repair and bund formation No proposal for dumping , materials to be used for road repair and bund formation	No proposal for dumping , materials to be used for road repair and bund formation	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	NIL	

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.	No Proposal	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	As Mineral is not exhausted from the pit.
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	NIL	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
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted on or before 01.july.	Yes	
6b	Area available for rehabilitation (ha) .	NIL	NIL	As Mineral is not exhausted from the pit.Bckfilling/ reclamation/rehabilitation are not envisioned.
6c	afforestation done (ha).	0.037	0.037 ha	For green belt developement.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	As Mineral is not exhausted from the pit.Bckfilling / reclamation/rehabilitation are not envisioned.	As Mineral is not exhausted from the pit.Bckfilling/ reclamation/rehabilitation are not envisioned.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	As Mineral is not exhausted from the pit.Bckfilling / reclamation/rehabilitation are not envisioned.	As Mineral is not exhausted from the pit.Bckfilling/ reclamation/rehabilitation on are not envisioned.	
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.		As Mineral is not exhausted from the pit.Bckfilling/ reclamation/rehabilitation on are not envisioned.	

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	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	+35% CaO
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 segregated manually.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	
8b	Concurrent use or storage of topsoil	NIL	NIL	Not reported in the year 2019-20
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 nos.	50 nos.
8g	Survival rate		60%
8h	Water sprinkling on roads to control airborne dust		Yes
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantation only 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	Ganesh.S. Lamani- Mine Manager	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: 2.54 Road & Infr: 0.02	As per AR 2019-20

9d	Scrutiny of Annual return on afforestation	50 nos.	50 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 cls stock- Nil Cement Grade: 28490.53 T	ROM cls stock- Nil Cement Grade: 28490.53 T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-mine Price:- Cement Rs: 491 Rs/T Production cost- 332.15Rs/T	Ex-mine Price:- Cement Rs: 491 Rs/T Production cost- 332.15Rs/T	Sample invoice checked. Material sold to the buyers having no IBM registration. Violation issued.
9h	Scrutiny of Annual return on fixed assets	RS. 270197/-	RS. 270197 /-	
9k	Scrutiny of Annual return on mining machineries		Air Compressor: 4.000 Cum - 1no.	Manual Mine operation proposed.

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