

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

Review and updation of Mining Plan REPORT

Goa regional office

Mine file No : KNT/BJP/LST-80/GOA

Mine code : 38KAR26061

- (i) Name of the Inspecting : **VT01**) **VIDYADHAR V.TARI**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : S/SHRI. SHRIDHAR M.BHAT, TQP AND HAMEED, LESSEE'S REP
Official with
Designation
- (iv) Date of Inspection : 22-NOV-23
- (v) Prev.inspection date : 05-AUG-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **YANDIGERI (ML. NO. 2444)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : BAGALKOT
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station : LOKAPUR
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : W/o Late Shri R.V.Salimath
correspondance : At and Po- Lokapur-587122
Tq-Mudhol, Dist-Bagalkot, Karnataka
3. (a) Lease Number : KAR1394
- (b) Lease area : 4.05
- (c) Period of lease : 50
- (d) Date of Expiry : 26-APR-54
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : S. R. SALIMATH
At & Post -LOKAPUR Mudhol
BAGALKOT KARNATAKA
Phone:
FAX :

Owner : S. R. SALIMATH
AT AND PO-LOKAPUR TQ-MUDHOL
BAGALKOT KARNATAKA
Phone:
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	25-SEP-03
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	10-MAY-07
	:	MP modif under 17(3) MCR 2016	23-OCT-17
	:	MP review under 17(1) MCR 2016	13-DEC-19

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposal during F.Y. 2022-23	Nil	Lessee has drilled 04 Core Boreholes for total meterage of 168m. during 01.04.2016 to 31.03.2017 in the mining lease area. Entire area is covered under G1 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposal is given for the year 2022-23.	Nil	Entire lease area is covered under G1 scale
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	The entire lease area is explored under G1 Stage.
1e	Balance reserve as on 01/04/20		Total Reserves of Limestone is 1.47 million tonnes.	As per the approved document dated 13.12.2019 and A.R. for F.Y. 2022-23.
1f	General remarks of inspecting officers on geology, exploration etc			No exploration proposal is given for the year 2022-23. However, entire lease area is explored by lessee and covered under G1 level of exploration. Mine was not in operation due to lack of demand for mineral in market as reported in the A.R. for F.Y. 2022-23.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	North Block:- N1784133 to N1784212 & E548279 to E548351 South Block:- N1783967 to N1784006 & E548266 to E548353 N1784003 to N1784047 & E548321 to E548345	Nil	Mining operations reported to be not carried out due to lack of demand for mineral in market as reported in the A.R. for F.Y. 2022-23
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Proposed	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.89	Nil	
2d	Quantity of topsoil generation in m3	1161.25	Nil	
2e	Quantity of overburden generation in m3	2666.50 of intercalated waste	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Proposal for excavation of limestone, topsoil and intercalated waste was given during 2022-23. However, mine was not in operation mainly due to lack of demand for mineral in market as reported in the A.R. for F.Y. 2022-23 (The current inspection of mine was undertaken for processing of RMP).

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two pits	Nil	

3b	Quantity of ROM mineral production proposed	60000 tonnes	Nil	Mine was not in operation during 2022-23 mainly due to lack of demand for mineral in market.
3c	Recovery of sailable/usable mineral from ROM production	90%	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Nil	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	Not applicable	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	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	Drilling & blasting is proposed	Nil	
3k	Provision of mining machineries in mineral benches	Jack Hammer: 2 Nos. Tractor mounted Compressor: 1 No. Wheel Loader: 1 No. Back-Hoe: 1 No. Water Tanker: 1 No. Diesel Tanker: 1 No.	Nil	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed height and width of the benches is 3m and 5m respectively.	Nil	
3m	Total area covered under excavation/pits	2.04 Ha. as per the approved RMP (plan period ending upto 2023-24)	0.10 Ha. as per submitted Annual Return	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.89	Nil	
3o	Total area put in use under different heads at the end of year	Total 3.33 Ha. as per the approved RMP (plan period ending upto 2023-24)	O/C working = 0.10 Ha. Building, Road = 0.20 Ha. and Safety Zone = 0.96 Ha. as per Annual Return 2022-23	
3p	Production of ROM mineral during the last five year period as applicable	18-19 = 60000 Tons 19-20 = 20000 Tons 20-21 = 60000 Tons 21-22 = 60000 Tons 22-23 = 60000 Tons	18-19 = Nil Tons 19-20 = Nil Tons 20-21 = Nil Tons 21-22 = Nil Tons 22-23 = Nil Tons	Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues.
3q	General remarks of inspecting officers on method of mining etc.			Proposal for excavation of limestone was given during 2022-23. However, mine was not in operation mainly due to lack of demand for mineral in market as reported in the A.R. for F.Y. 2022-23 (The current inspection of mine was undertaken for processing of RMP)

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)	Proposal is given for dumping OB separately and use of top soil for bund formation.	Nil
4b	Location of topsoil, OB and mineral reject dumps	Location of OB / waste N1784294 to N1784321 & E548341 to E548360	Nil
4c	Number of dumps within lease area and outside of lease area	01 within lease	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil
4e	Number of active and alive dumps.	01 (Proposed)	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.	No Proposal	Nil
4i	Length of Retaining wall or garland drain all along dumps	No Proposal	Nil
4j	Number of settling ponds	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		Proposal for separate dumping of waste was given during 2022-23. However, mine was not in operation mainly due to lack of demand for mineral in market as reported in the A.R. for F.Y. 2022-23 (The current inspection of mine was undertaken for processing of RMP)

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.	Backfilling is not proposed	Nil	Mining pits / area is not matured for backfilling. Mineral is not exhausted from the pit.
5b	Area under backfilling of mined out area	Not proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	Nil	
5d	Total area fully reclaimed and rehabilitated	Not applicable	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mining pits / Area is not matured for backfilling. Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues. (The current inspection of mine was undertaken for processing of RMP)

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 every year	Mine was not in operation	
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	Mineral is not exhausted from the pit.
6c	afforestation done (ha).	0.05 Ha	Nil	

6d	No. of saplings planted during the year	50 Nos	Nil	
6e	Cumulative no .of plants	Proposed to plant 960 sapplings during plan period ending upto 2023-24	Nil	Mine was not in operation
6f	Any other method of rehabilitation	No proposal	Not applicable	
6g	Cost incurred on watch and care during the year			
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Not applicable	Mineral is not exhausted from the pit. However, Mine was not in operation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Not applicable	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	Not applicable	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Not applicable	

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Not applicable	Mine was reported to be not in operation since long for want of EC clearance, lack of demand for mineral in market and other issues.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues. (The current inspection of mine was undertaken for processing of RMP)

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM/Mineral dispatch is proposed after manual sizing and sorting.	Nil	Mine was reported to be not in operation since long for want of EC clearance, lack of demand for mineral in market and other issues
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Nil	

7c	Different grade of mineral sorted out at mines.	Yes	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues. (The current inspection of mine was undertaken for processing of RMP)

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed (1858 T)	Nil	
8b	Concurrent use or storage of topsoil	Proposed for bund formation	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of overburden/int ercalated waste was proposed	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	

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)	Proposed	Nil	
8g	Survival rate	Not specified		
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around the mining area appears to be satisfactory since there are no mining activities in the mining lease area.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to October'2023 & A.R. for the year 2022-23 is submitted		Submitted within time limit.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues.	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under O/C Working = 0.10 Ha. Road, Buildings, Infrastructure = 0.20 Ha. 7.5m Safety Zone = 0.96 Ha.	Covered under O/C Working = 0.10 Ha. Road, Buildings, Infrastructure = 0.20 Ha. 7.5m Safety Zone = 0.96 Ha.	As per the Annual Return submitted for FY 2022-23
9d	Scrutiny of Annual return on afforestation	50 plants proposed	Nil	Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Mining operations were reported to be not carried out since long for want of EC clearance, lack of demand for mineral in market and other issues.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	BF Grade = 210 Tons	BF Grade = 210 Tons	As per the Annual Return submitted for FY 2022-23
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not furnished	Nil	As per the Annual Return submitted for FY 2022-23
9h	Scrutiny of Annual return on fixed assets	Value of fixed asset is reported to be Rs.12,15,000	Value of fixed asset is reported to be Rs.12,15,000	As per the Annual Return submitted for FY 2022-23
9k	Scrutiny of Annual return on mining machineries	Mining machinery details furnished	Mining machinery details furnished	

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 :

(VIDYADHAR V.TARI)

Indian Bureau of Mines