INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT AND REGULATION DIVISION

Review and updation of Mining Plan REPORT

Goa regional office

Mine file No : KNT/NK/LSH-34/Goa **Mine code : 37KAR15031**

(i) Name of the Inspecting Officer and ID No. : **P01**) **PREM PRAKASH**

(ii) Designation : Deputy Controller Mines

(iii) Accompaning mine Official with Designation : S/SHRI. SURESH PEDNEKAR, LESSEE AND V.P.NAVARE, TQP.

(iv) Date of Inspection : 17-DEC-19

(v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KANASGERI LSH (M.L.2675)**

(b) Registration NO. : **IBM/19872/2015**

(c) Category : B Manual

(d) Type of Working : Opencast

(e) Postal address

State : KARNATAKA

District : NORTH KANARA

Village : KANASGIRI

Taluka : KARWAR

Post office : CHITAKOLA

Pin Code : 581301

FAX No. :

E-mail :

Phone : 08382226966

(f) Police Station : Chittakula

(g) First opening date : 30-OCT-14

(h) Weekly day of rest : SUN

2. Address for correspondance :

3. (a) Lease Number : KAR1703

(b) Lease area : 8.31

(c) Period of lease : 20

(d) Date of Expiry : 17-AUG-34

4. Mineral worked :

5. Name and Address of the

Lessee : Suresh P.Pednekar
Gangotri Ashram Road Karwar
NORTH KANARA KARNATAKA
Phone:08382226966
FAX :

Owner : S.P.PEDNEKAR
KANASGERI KARWAR NORTH
KANNADA NORTH KANARA
KARNATAKA
Phone: 09448484909
FAX :

6. Date of approval of Mining Plan/Scheme of Mining : Fresh under rule 22 MCR1960 12-JUN-12

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	Nil	As per Mining Plan approved dtd. 12.06.2012, total lease area is covered under exploration, hence no special programme of exploration is required.
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		121- 1,19,755 te	Reserve given as per approved MP dtd. 12.06.2012
1f	General remarks of inspecting officers on geology, exploration etc			Exploration of lime shell bed is done by special method i.e. Bamboo Method. Persons on boat moves from place to place and insert the bamboo at various places to know the presence and thickness of lime shell bed in the ML area. As per approved MP dtd. 12.06.2012, total lease area is covered under exploration, hence no special programme of exploration is required.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks

2a	Location of development w.r.t.lease area	Between Coordinates: N-1642525-N1642615/E-407780-E407860	Nil	No work was carried out in the year 2018-19 reportedly due to approach road problem and local public interference
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable	Not Applicable	All the proposal given for mining of mineral only.
2c	Stripping ratio or ore to OB ratio	Not Applicable	Not Applicable	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No proposal for development/ waste removal is given. Lime shell is washed at the site itself before it is brought near to the stack. Hence, proposal is given for excavation of mineral only.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	-	
3b	Quantity of ROM mineral production proposed	6000 te	Nil	No Production of ore was carried out in the year 2018-19 as reported due to approach road problem and local issues
3c	Recovery of sailable/usable mineral from ROM production	80%	Nil	

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	Manual	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No	No	
3j	Provision of drilling and blasting in mineral benches	Nil	Nil	
3k	Provision of mining machineries in mineral benches	Manual mining	Manual mining	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Applicable	Not Applicable	The mining operations being carried out in river/water body.
3m	Total area covered under excavation/pits	2.0835 ha. For 05 years plan period	No work was carried out in the year 2018-19	
3n	Ore to OB ratio for the pit/mine during the year.	Not Applicable	Not Applicable	

3p	Production of ROM mineral during the last five year period as applicable	2014-15 6000 2015-16 6000 2016-17 6000 2017-18 6000 2018-19 6000	2014-15 200 te 2015-16 575 te 2016-17 3803 te 2017-18 760 te 2018-19 -Nil- ROM production figure is mentioned as per Annual Returns submitted.	Mining Plan approved on dtd. 12.06.2012 for 05 years Block period mentioned as I to V year. Lease was executed on 18.08.2014 for 20 years and opening Notice of mine is given from 30.10.2014. Hence, Ist year started from year 2014-15.
3q	General remarks of inspecting officers on method of mining etc.			The Lime shell mineral is extracted by Manual mining operations, carried out in river/water body, during low tide, when water level is about 1m. However, No work reported carried out in the year 2018-19 and also in 2019-20 till the date of inspection due to approach road problem and local public interference. Even before, very less mining and production of ore was carried out. This inspection was carried out for processing of Review and updation of Mining plan.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not Applicable	Not Applicable	There are no dumps of Topsoil, OB & Mineral Rejects and also not proposed.

4b	Location of topsoil, OB and mineral reject dumps	Not Applicable	Not Applicable	
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	
4e	Number of active and alive dumps.	Nil	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.	Not Applicabe	Not Applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	
4j	Number of settling ponds	Not Applicable	Not Applicable	
4k	Specific comments of inspecting officer on waste dump management			No proposal of waste removal is given in Mining Plan. Lime shell is washed at the site itself before it is brought near to the stack. Hence, proposal is given for excavation of mineral only.

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 Applicable	Not Applicable	Backfilling not required.
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.			No proposal of backfilling/ reclamation is given in Mining Plan. Lime shell is washed at the site itself before it is brought near to the stack and sand/clay settles at the bottom of the river bed. Hence, backfilling/ reclamation has not envisaged.

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).		No work was carried out in the year 2018-19	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	Nil	Nil	
6d	No. of saplings planted during the year	Nil	Nil	
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	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	No work was carried out in the year 2018-19
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	-	No work was carried out in the year 2018-19	
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)		No work was carried out in the year 2018-19	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No work reported carried out in the year 2018-19 due to approach road problem and local public interference.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM/grade wise sorting within lease area mineral dispatch as per requirement.	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Nil	

7c	Different grade of mineral sorted out at mines.		Nil	
7d	Any beneficiation process at mines .	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No work reported carried out in the year 2018-19 due to approach road problem and local public interference.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	Topsoil is not available in the ML area, So its removal has not been proposed.
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
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	
8h	Water sprinkling on roads to control airborne dust	Not Applicable	Not Applicable	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mines area appears to be good

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. 2019 AR Submitted up to = 2018-19	No work reported carried out in the year 2018-19
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Geologist in charge : Shri Sagar Waghmare	Geologist appointed. Lessee advised to appoint part time Mining Engineer ; Since, it is a B-manual mines.	Commitment given by Lessee to appoint M.E. before resumption of Mining operation on sorting out of problems.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		furnished	No work reported carried out in the year 2018-19 due to approach road problem and local public interference.
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
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	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	No work reported carried out in the year 2018-19, Even before to year 2018-19, very less mining and production of ore was carried out.
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	

9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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

Date :

(**PREM PRAKASH**)

Indian Bureau of Mines