

**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-74/GOA

Mine code : 38KAR26053

- (i) Name of the Inspecting : **K07**) **KRISHNENDU CHATTERJEE**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : S/SHRI. G.S.N.MURTHY, LESSEE'S REPRESENTATIVE & G.HAR
Official with
Designation
- (iv) Date of Inspection : 29-JUN-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HEBBAL (ML 2406)**
- (b) **Registration NO.** : **IBM/6167/2011**
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : BAGALKOT
- Village : HEBBAL
- Taluka : MUDHOL
- Post office : LOKAPUR
- Pin Code : 587122
- FAX No. : 08350-240335
- E-mail : malaprabha_mining@yahoo.coi
- Phone : 8350-340068
- (f) **Police Station** : Lokapur
- (g) **First opening date** : 24-JUN-03
- (h) **Weekly day of rest** : TUE
2. **Address for correspondance** : Shri H.G.Sripad, Mine Owner
Parimala, Vidhyagiri
Bagalkot, Karnataka
3. (a) **Lease Number** : KAR1361
- (b) **Lease area** : 4.1
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 23-JUN-23
4. **Mineral worked** : LIMESTONE Main
DOLOMITE Associated

5. Name and Address of the

Lessee : H. G. SHRIPAD
 M/s Ashirwad Minerals
 "Parimala", Vidyagiri,
 Mahantesh Road, BAGALKOT
 KARNATAKA
 Phone:
 FAX :

Owner : H.G.SHRIPAD
 PARIMALA MAHANTESH
 VIDAYAGIRI BAGALKOT
 BAGALKOT KARNATAKA
 Phone: 08354--233258
 FAX : NIL

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	28-APR-03
Plan/Scheme of Mining		Modif.of approved Mining Plan	06-FEB-06
		Mining Scheme rule 12 MCDR1988	24-APR-09
		Mining Scheme rule 12 MCDR1988	20-NOV-13

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	RMP document not submitted; F.Y 2021-22 lapsed period.
1b	Exploration over lease area for geological axis 1 or 2	G1 Proposed	G1: 1.62 Ha. G3: 2.59 Ha.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1	G1: 1.62 Ha.	
1e	Balance reserve as on 01/04/20		0.424 million tonnes of Limestone & 0.0074 million tonnes of Dolomite. Limestone quality: 34 to 51.63% CaO; Dolomite quality 15 to 20.67% MgO.	As on 01.04.2022
1f	General remarks of inspecting officers on geology, exploration etc			1.62 Ha. of the ML area was explored by the lessee under G1 level by drilling with 4 nos. of DTH boreholes, drilled during 2008-09. No mine production is reported since 2016-17.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	1790850 N to 1790920 N, 536150 E to 536370 E	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in ore proposed.	Separate benches in ore maintained.	

2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	No proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No mine production is reported since 2016-17. The mine is suspended by this office w.e.f. dated 03.01.2019.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	Two pits are present in the ML area.	Dimension of pits: 200m x 70m x 10m. & 50m x 20m x 2m
3b	Quantity of ROM mineral production proposed	No proposal	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No proposal	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	No proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Manual mining	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	
3j	Provision of drilling and blasting in mineral benches	No proposal	Nil	
3k	Provision of mining machineries in mineral benches	No proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Bench height 3 to 5m	
3m	Total area covered under excavation/pits	No proposal	1.4 Ha.	Actual pit extent is mentioned as per the submitted AR 2021-22.
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	Nil	
3o	Total area put in use under different heads at the end of year	No proposal	Area under mining: 1.45 Ha. Dump: Nil. Others: 2.66 Ha	Areas mentioned as per the submitted AR 2021-22.
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 60,000 tonnes of Limestone No proposal from 2018-19 to 2021-22.	No production is reported from 2017-18 to 2021-22.	

3q General remarks of inspecting officers on method of mining etc.

No mine production is reported since 2016-17. During inspection lessee representative stated that Review of Mining Plan was not submitted for block period from 2018-19 to 2022-23 in time due to surface right issues and logistic problems. The mine is suspended by this office w.e.f. dated 03.01.2019.

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	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	No proposal	Nil	
4g	Number of dumps established.	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Not applicable.	

4i	Length of Retaining wall or garland drain all along dumps	No proposal	Not applicable.	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			No waste dump is present within the ML area.

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 the mine pit was not matured for backfilling.	
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.			Mine pit was not matured for backfilling since mineral persists at the bottom of mine workings.

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).	Proposed	Nil	

6b	Area available for rehabilitation (ha) .	No proposal	Nil
6c	afforestation done (ha).	No proposal	Nil
6d	No. of saplings planted during the year	No proposal	Nil
6e	Cumulative no .of plants	No proposal	Nil
6f	Any other method of rehabilitation	No proposal	Nil
6g	Cost incurred on watch and care during the year	No proposal	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Nil

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No mine production is reported since 2016-17. The mine is suspended by this office w.e.f. dated 03.01.2019.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	
7c	Different grade of mineral sorted out at mines.	Earlier proposed for all +35% CaO.	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Limestone or dolomite dispatch is reported from the mine during 2021-22.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	Top soil was earlier stacked along the 7.5m safety barrier zone for plantation.
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	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)	No proposal	Earlier plantation was carried out along the safety barrier zone.	
8g	Survival rate	No proposal	Not applicable.	

8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mines area is good and impact on environment due to mining operation was very less due to small scale mining operation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to March 2022 & A.R. Submitted up to 2021-2022	Annual Return of 2021-22 submitted on 16.07.2022.	The mine is suspended by this office w.e.f. dated 03.01.2019.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished as Nil	Not appointed.	Mine is non-working. During inspection lessee representative stated that Mining engineer and Geologist would be appointed after resumption of mining operation.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining: 1.45 Ha. Dump: Nil. Others: 2.66 Ha.	No change.	
9d	Scrutiny of Annual return on afforestation	Furnished as Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Furnished as Nil	Nil	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock: Nil Graded ore closing Stock of Cement grade Limestone: 184.49 tonnes. Dolomite: 1849.3 tonnes.	No change.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Furnished as Nil	No mineral dispatch is reported during 2021-22
9h	Scrutiny of Annual return on fixed assets	Furnished as Nil	The mine is non-working and no infrastructure is available within ML area.
9k	Scrutiny of Annual return on mining machineries	Furnished as Nil	No mining machineries were seen in the ML area during inspection.

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 :

(KRISHNENDU CHATTERJEE)

Indian Bureau of Mines