

**INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BGK/LST-28/GOA

Mine code : 38KAR26007

- (i) Name of the Inspecting : **KQ2**) **KALMATA M.K.**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Ramanna Gasti (Woker of varchgal mine)
Official with
Designation
- (iv) Date of Inspection : 28/05/2014
- (v) Prev.inspection date : 05/06/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KARKALMATHI (2411)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : KARNATAKA
- District : BAGALKOT
- Village : KERAKALAMATTI
- Taluka : BADAMI
- Post office : KERAKALAMATTI
- Pin Code : 583231
- FAX No. :
- E-mail : abhay_401sharma@rediffmail
- Phone : 08354-420260
- (e) Police Station : Badami
- (f) First opening date :
2. Address for : At & Po- KARAKALAMATTI
correspondance Tq- BADAMI
DIAT-BAGALKOT (Karnataka)
3. (a) Lease Number : KAR1366
- (b) Lease area : 101.17
- (c) Period of lease : 20
- (d) Date of Expiry : 06/08/2023
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : UDAY MINERALS
 At & Po-Lokapur Tq-Mudhol
 BAGALKOT KARNATAKA
 Phone:08539-220401(off), 220886(res.)
 FAX :

Owner : HEMARAJ SHARMA, MANAGING PARTNER
 M/s Uday Minerals At and
 Po-- Lokapur Tq-Mudhol
 BAGALKOT KARNATAKA
 Phone: 08539-220401(of
 FAX :

6. Date of approval of Mining : 16/05/2007
 Plan/Scheme of Mining

PART - II : TECHNICAL DETAILS/COMMENTS

1. Details about Average employment :

Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
DIRECT		
Managerial	0	0
Supervisory	0	0
Others	0	0
Ministrial	0	0
Plant	0	0
Workers	0	0

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
General					
Safety	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Housing	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Roads	0.00	0.00	0.00	0.00	
Communication	0.00	0.00	0.00	0.00	
Public transport	0.00	0.00	0.00	0.00	
Electricity	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	0.00	0.00	
Recreation	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Others	0.00	0.00	0.00	0.00	
Environment management	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

Previously the mine was inspected on 10.03.2013 by AMG under Scheme of Mining and v/l was issued under rule 24(1) and 42 of MCDR-88 and complied on 6/6/2013. During present inspection v/l is given under rule 23(c) of MCDR-88 for compliance.

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.

If lessee fail to comply the violation of rule 23(c) within stipulated time, action to suspend the mining operation under rule 13(2) will be recommended to bring it to logical end.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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A. Exploration (Rule 13)

a.Type of prospecting and exploration i.e. pitting, drilling : It was proposed to drill 2 DTH boreholes and 6 trial pits in the last approved scheme of mining which was expired on 31.03.2011.

No such exploration was carried out in the lease area.

The mine is not working from 2011 onwards and party is applied for reduction of lease area.

b.Total area covered : Nil.

Nil.

B. Working (Rule 13)

a.Number and size of each pit (LxWxH) : No proposals on 2011 onwards.

NIL.

170m(L) x (70m(w) x 5m(h) covered by old workings.

b.Bench size(LxWxH)length can be defined as regular/irregular : No proposals.

Nil.

170m(l) x 5m(w) x 3m(h) old working.

c.Ore to waste ratio pit wise if possible otherwise for mine : No proposals.

Nil.

No valid mining plan/scheme of mining from april 2011 onwards.

d.Total area covered under excavation/pits : No proposals.

No proposals.

1.2 ha (approximately) by old working.

C. Waste disposal (Rule 13)

a.Location of dumps : No proposals.

No waste was observed in the lease area.

e.Yearly generation of waste quantity : Nil

Nil

b.Method of dumping whether advancing/retreat : No proposal.

Nil.

No valid mining plan/scheme of mining from april 2011 onwards.

c.Total area covered under waste dump : Nil

Nil

d.No. and size of each waste dump with No of steps/lift/bench : Nil

Nil

D. Production

b.Year wise production of last : No proposals from april 2011

Nil.

No valid mining plan/scheme of

five year.

onwards.

mining from
 april
 2011.onwards &
 last approved
 mining scheme
 was expired on
 30.03.2011.

D. Reserve

a.Reserve position as : per latest MP/MS and at the time of inspection.	Category Ls in tons Dolomite in tons Proved 9394650 2794324 Probable 9247750 2902640	Category Ls in tons Dolomite in tons Proved 2794324 Probable 9247750 2902640	As per approved scheme of mining dated 16.05.07.
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RESERVE POSITION AS ON 01/04/2014

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	9359730	Cao 49.46
Probable	9247750	Cao 49.46
Possible		
Total	18607480	
DOLOMITE		
Category	Quantity in Tonnes	Grade
Proved	2794324	
Probable	2902640	
Possible		
Total	5696964	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
LIMESTONE	0	TON
DOLOMITE	0	TON

6. Conservation of Mineral - both quantitative and qualitative**Beneficiation (Rule 20 and 26)**

Efforts for improving low grade and sub grade mineral. : NA

Efforts for improving percentage of recovery of ore. : NA.

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : Nil.

Number of benches in ore and waste. : Two benches in ore and waste is found in the form of intercalated clay.

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : Nil.

Number and size of each stack : Nil.

Location of stacking. : Nil.

Separate stacking from waste : Nil.

Total area covered for stacking : Nil.

Exploration data as on 31/03/ 2014

No. of Boreholes	No. of Pits	No. of Trenches
0	1	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014

Overburden/waste removed (in m3) :	0
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Utilisation of Sub Grade Mineral and Mineral Rejects

Generated	Utilised	Stacked	(In Ton.)

7. Environment Management - both quantitative and qualitativ

A. Land environment

- a. Landscape. : Flat topography with rocky exposures.
- b. Aesthetic environment : some portion of the lease is degraded by mining and most of the area was covered with agriculture activities.
- c. Soil and land use pattern : unbroken up area was covered with top soil.
- d. Agriculture : Sugarcane, Jowar and Maize are the major crops.
- e. Forest(flora and fauna) : No forest with in the lease area.
- f. Vegetation : No vegetation with in the lease area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : Nil.

B Water environment.

- a. Surface water : No surface water within the lease area.
- c. Quality of water : Ground water is potable in nature.
- b. Ground water : Water table is at the depth of 250-300ft.

C. Air environment

- a. Noise : No mining activites from 2011 onwards, hence no impact on the environment.
- b. Air : No mining activites from 2011 onwards, hence no impact on the environment.
- c. Climatic condition : The climate is warm and dry throughout the year andrain is scarce. The average rainfall in the region is approximately 350-400mm/annum.

D. Socio economic environment

- a. Social and demographic profile. : Agriculture is the major occupation of the people of the area.Mining and cement industries provides employment in small scale.
- b. Recommending health and safety. :

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>					
Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

PLANTATION DURING THE PREVIOUS YEAR 2013 - 2014

Area in Hect.

Within lease area			Outside lease area		
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate
0	0	0			

TOP SOIL MANAGEMENT

Quantity as on 31/03/2014

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

Party have not produced the annual returns for the scrutiny during the field visit.and mine is not in operation from july 2010 onwards.

PART - III : PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years - as per guidelines)

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

Mine is not in operation from july 2010 on wards, so Director, Department of mines and Geology , Bangalore, issued notice for lease lapse.

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

Nil

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

Nil.

Date :

(KALMATA M.K.)

Indian Bureau of Mines