

MCDR REPORT
INDIAN BUREAU OF MINES
MINES CONTROL & CONSERVATION OF MINERALS DIVISION
Goa Regional office

File No.KNT/BJP/LST-75/GOA

Mine Code No.38KAR26055

1) Name of Inspecting officer :
2) Designation
3) Accompanying mine official with designation
4) Date of previous MCDR Inspection
5) Date of Inspection

IBM Registration No.-
KALMATA. M.K.
Senior Mining Geologist.

12.08.2011.
11.07.2013.

PART -I GENERAL INFORMATION

Name of mine Halki-Ningapur Lime Stone and Dolomite Mine.
Category of mine "Group B"
(A-Fully mechanized,B-Other than fully mechanized)
Mode of working (OC/UG/Both o/c & u/g) OC (Open cast)
Postal address Halki- Ningapur Limestone and Dolomite Mine
M/S. Navodaya Minerals
State Karnataka
District Bagalkot
Tehsil/ Taluka Mudhol
Police station Lokapur
Village Ningapur
Post Ningapur
Pin Code 587313
FAX
E-mail accounts.navodayaminerals@koppal.in
Phone . 9480838570
Date of first opening 25-12-2004
Weekly day of rest Tuesday

2. a) Lease No. : 2474.
b) Lease area in hect. with forest area, if any : 4.86Ha (Patta land)
c) Date of execution and Period of lease : 18.12.2004. (20 years)
d) In case of forest area if the permission : Not applicable
has been taken, its details like area
permitted to be worked & letter No. etc.
e) if the area is worked on any interim Govt. : Not applicable
order or court order, its details.
f) Date of expiry. : 17.12.2024.

3.

- a) Mineral(s) included in the lease deed : Lime stone and Dolomite
b) Mineral(s) worked : Lime stone

4. Name and address of (including FAX/ E-mail, if any)

- a) Lessee/ owner/Agent. :
Purushottam. RamaRao. Joshi.
b) Nominated owner with date of nomination :
-
c) Agent with date of appointment :
20.02.2013.
d) Mining Engineer and geologists appointed under rule 42 of MCDR, 1988 with date of appointment and whether full/ part time with qualification. : Not appointed.
e) Mine Manager with qualification and date of appointment : Permitted Manager (Mines Forman)
06.05.2013.

5. Details about Mining Plan/ Mining Scheme

- a) Letter No. and date of approval of mining plan and its period from Fin. Yr.2012 to Fin Yr. 2013. : MP/MAN-561(KNT)/GOA/2004-05.dt:
06.09.2004 for the year 2004-05 to 2008-2009.
Modification in approved MP MP/MAN-561(KNT)/GOA/2004-05-Vol-I,dt:15.02.2007.
b) Letter No. and date of approval of mining scheme. its period from Fin. Yr. to Fin Yr. : MSH/MAN-178(KNT)/GOA/2009-10,
dt:24.07.2009. fy-2009-10 to 2013-14.
c) Conditions while approving the MP/ MS/ modification :
d) Period of latest approved mining plan/ mining scheme in force : MSH/MAN-178(KNT)/GOA/09-10 VOL-I,
Dt:20.10.2012. 2012-13 to 2013-14.
from.....to.....(financial year)

PART II-TECHNICAL DETAILS

1. Details about employment.

Maximum number of persons employed on any day during the last financial year (2012-13)r(i) below ground (ii) above ground and (iii) in all in the mines.

Classification	Average daily employment			Average No. of days worked in a year	Remarks
	Direct	Contract	Total		
OPENCAST					
a) Managerial person	3	-	3	300	-
b) Supervisory persons	1		1	300	-
c) Workers	5	5	10	300	-
d) Ministerial persons	-	-	-	-	-
e) Employment in plant	-	-	-	-	-
f) Others	-	-	-	-	-
UNDERGROUND					

2. Community Development Plan (in and around the mines) 2012-13.

S. N	Proposed action towards socio-economic development during the current year	Expenditure proposed in Rs. Lakhs (Previous financial year)	Expenditure incurred in Rs. Lakhs (Previous financial year)	Expenditure incurred so far	Expenditure proposed for current year2010-11	Remarks
1	General development in the area					<i>Give in brief the quantity, type and nature of work done against each of the items</i>
	a) Housing					
	b) Water supply	0.5 lakh	1 lakh			
	c) Sanitation					
	d) Health, safety and medical facilities.					
2	Training					
3	Employment to local inhabitants					
4	Infrastructure-public transport, roads, communication and electricity					
5	Recreation and other sports activities					
6	Expenditure for environment management	0.5 lakh	0.5 lakh			
7	Others	0.25 lakh	0.25 lakh	2 lakh		
	Total					

	% expenditure out of total annual budget					
	Total	1.25 lakh	1.75 lakh	2 lakh		

3. Status of compliance of MCDR, 88 including therewith the rectification of outstanding violation of the rules.

Date of inspection	Violation pointed out	Compliance reported
12.08.2011	13(1), 46	COMPLIED
11.07.13	13(1), 42, 27(4)	

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.

Nil, No such recommendation has been made presently under these provisions.

5. Scientific Mining (As per latest approved mining Plan/Scheme) 2012-13

Item	Proposal	Actual work done	Remarks
i) Exploration (Rule 13)			
Bore holes proposed	5	4	-
Total area covered			
ii) Workings (Rule 13)			
a) Opencast/ underground		Open cast	-
b) Manual/fully mechanized/ Other than fully mechanized		OTFM	-
c) No. and size of each pit (L x W x H)		184.2*82.0*9.1 mtrs	-
d) Bench size (l x w x h) length can be defined as regular or irregular		82.0*9.0*4.0 mtrs.	-
e) Ore to waste ratio pit wise if possible otherwise for mine.			-
f) Total area covered under excavation/pits		1.43Ha.	-
iii) Waste disposal (Rule 13)			
a) Location of dumps	7E161E&70N-144N	.001Ha.	-
b) Method of dumping whether advancing/ retreat		Retreat	-
c) Total area covered under waste dump	0.411Ha	0.205Ha	-
d) No. & size of each waste dump with number of steps lift/ bench.	-	-	-
			-

e) Yearly generation of waste quantity.			
f) Year-wise quantity of top soil removed, utilized & stacked.		Utilized	-
g) terrace height with drain provision in terrace	-	-	-
h) garland drain retaining wall settling tanks CheckDams	-	-	-
iv) Environmental measures			
a) Afforestation, Location , area and nos	0.025Ha	0.56Ha	-
b) Reclamation of pits	-	-	-
c) Rehabilitation of waste dumps	-	-	-

6. Describe briefly existing land use pattern and method of mining, highlighting significant changes in the methodology of mining observed leading to overall improvement:

(1) Drilling: Two Tractor mounted compressor, Two Jake hammer.

(2) Blasting: Slurry/gelatin.

(3) Loosening of the strata, by method other than drilling & blasting: Excavator.

(4) Loading: Excavator.

(5) Hauling: Roads.

(6) Pumping:

7. Table of information:

Wet Beneficiation processing 2010-11	Quantity	Grade	Weight recovery %
Wet beneficiation -Feed - product(s) -tailings	-	-	-

Activity [Items (a) & (e) are not very appropriately placed, but are furnished for convenience]	Previous Financial Year 2012-13		2013-14 (up to June)	
	Proposed	Achieved	Proposed	Achieved
(a) Exploration No of holes Pits, trenches etc.	Nil	Nil	Nil	
(b) Development/ Overburden:	11,000 tones		11,111	4800 tones
(i) Top –soil				
(ii) Any other overburden than top-soil, sub-grade ore and ROM mineral rejects		25,970 tones Limestone		
(iii) Sub-grade ore				
(iv) ROM mineral rejects	88,889 tons of		88,889 tons of	
(c) Production	Lime stone &		Lime stone &	8800 tons of
(d) Ore: Overburden ratio	22,222 tons of	250	22,222 tons of	Lime stone.
	Dolomite		Dolomite	
(e) Afforestation	50		50	-----

8. Conservation of mineral- both quantitative and qualitative. 2012-13

i) Mineral (Rule 15)

- (a) No benches in ore and waste 2 benches in ore.
(b) Percentage of recovery of ore pit-wise w.r.t. ROM and total material

ii) Sub-grade mineral/ fines (Rule 16)

- (a) Separate stacking from waste -
(b) Location of stacking -
(c) Total area covered for stacking -
(d) No. and size of each stack -
(e) Quantity of yearly generation, utilization and total quantity available during inspection with grade. -

iii) Beneficiation (Rule 20)

- (a) Efforts for improving low grade and sub-grade mineral. -
(b) The process flow sheet and material balance need to be given here. -

iv) Efforts for improving percentage of recovery of ore.

9. Environment Management both quantitative and qualitative

i) Land Environment

- (a) Landscape -
(b) Aesthetic environment -
(c) Soil and land use pattern -

- (d) Agriculture -
- (e) Forest (flora & fauna) -
- (f) Vegetation -
- (g) Public building, places and monuments (protected monument and historical monument), places of worship and places of tourist interest. -
- ii) Water Environment**
- (a) Surface water -
- (b) Ground water -
- (c) Quality of water -
- iii) Air Environment**
- (a) Noise -
- (b) Air -
- (c) Climatic condition 40 degree C temperature raise in Peak & fall to 15 degree C in winter. Average rain fall 610mm -
- iv) Socio-economic environment**
- (a) Social and demographic profile -
- (b) Recommending health and safety -
- (c) Human settlement -
- (d) Recreational facility -

10. Sensitive technical items on conservation of mineral, scientific mining and protection of environment

Specific issues that are required to keep in focus for examination & monitoring should be stated here.

11. Status of annual returns 2012-13 if available else for 2011-12 on (As per Annual /Monthly return based)

Cost of operation : Rs, =132/MTS.
 Reserves, =3.73.469 MTS Limestone.
 Production, = 25,970.000 MTS.

Pit mouth value, Rs =120MTS

Opening stock, closing stock: = 10,045.680Mts 10,630.820Mts.
 Land use pattern
 Fixed assets. = 13.56 Lakhs.

11. Status of annual return 2011.12 is available else for 2010-11 = Yes.

12. Any specific achievement-

Part-III (PERFORMANCE OF MINE OWNERS)

(In case of lease expiring with in 02 years-as per guidelines)

-----**Not applicable**-----

[The lease was granted on. and Date of expiry is]

PART – IV PROPOSAL FOR FURHER ACTION

- (a) Indian Bureaus of Mines (any issue related to CGPB, SGPB, assistance, consultancy, annual program and studies & etc.)-
- (b) The state Govt. (illegal mining, mining dispute, infrastructure, mineral based industry, mineral policy & etc.)-
- (c) The Central Govt. (infrastructure development, mineral policy and legislation, mineral based industry & etc.)-
Nil

Date:-

(KALMATA.M.K.)
Indian Bureau of Mines