

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : KNT/BJP/LST-59/GOA

Mine code : 38KAR26022

- (i) Name of the Inspecting : **G001**) **GUMNA RAM**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh.G.S.Narsimhamurthy, Lessee Rep.
Official with
Designation
- (iv) Date of Inspection : 13/10/2015
- (v) Prev.inspection date : 06/02/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MUDDAPURA (ML 2361)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : KARNATAKA
District : BAGALKOT
Village : MUDDAPURA
Taluka : MUDHOL
Post office : LOKAPUR
Pin Code : 587122
FAX No. : 08350-240060
E-mail : pawanmins2652@gmail.com
Phone : 0835-340060 (O), 340059 (R)
- (e) Police Station : Lokapur
- (f) First opening date : 04/07/2002
2. Address for : Muddapur Limestone Mine of Shri B.C.Udapudi
correspondance At-Muddapur, Tq- Mudhol
Dist-Bagalkot
3. (a) Lease Number : KAR1454
(b) Lease area : 14.67
(c) Period of lease : 20
(d) Date of Expiry : 06/01/2027
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : B.C.Udapudi
M/sPawan Minerals
P.O.Lokapur Dist.:Bagalkot
BAGALKOT KARNATAKA
Phone:(08350)40060(0),40059(R)
FAX :

Owner : B.C.Udapudi
M/s Pawan Minerals
P.O.Lokapur Dist.:Bagalkot
BAGALKOT KARNATAKA
Phone: 08350-240059(R)
FAX :

Mining Engineer

Name : Guru Raj B.Udapudi,Full Time
Qualification : BE (Mining Engg)
Appointment/ : 01/06/2014
Termination date

6. Date of approval of Mining : 02/05/2012
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	1	300
Workers	14	300
Supervisory	2	300

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	
Housing	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Public transport	0.00	0.00	0.00	0.00	
Roads	0.00	0.00	0.00	0.00	
Communication	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	
Others	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	3.84	0.00	Salary
Recreation	0.00	0.00	0.00	0.00	
Sports activities	0.00	0.00	0.00	0.00	
Environment management	0.00	0.00	0.00	0.00	
Total	0.00	0.00	3.84	0.00	

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

Date of Previous inspection	Violation of Rules	Compliances
06/2/2014	13(1),29,31,42	Partly complied

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.

No such suspension of mining operations under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988 if recommended presently till.

5. Scientific Mining

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

a.Type of prospecting : It was proposed to 16 number of corebore Violation under
and exploration i.e. drill 02 number of holes up to 40 to 50m provision of
pitting, drilling core borehole up depth each drilled in rule 47 pointed
to 40m depth each the lease area but copy out for
as earmarked in of form-J is not rectification &
2012-13 in scheme submitted to this office compliances.
period. till.

b.Total area covered : NA The entire lease area is explored as per UNFC clasification.

B. Working (Rule 13)

a.Number and size of : - There are four pits of
each pit (LxWxH) variable sizes existed
in lease area & 3 pits
in limestone & 01pit in
dolomite minerals.-MP-1-
L/s-350mx200mx11m,MP-4-
(D)150mx150mx12m & two
other small pits. Total
excavated area is about
5.5Ha.

b.Bench : Regular Almost done regular &
size(LxWxH)length can under process.
be defined as
regular/irregular

c.Ore to waste ratio : 1:0.11 1:0.10
pit wise if possible
otherwise for mine

d.Total area covered : It was proposed to The excavation of mine The lessee has
under excavation/pits work as earmarked workings is partly been submitted
in plate no 6A to deviated & done in the mod.in AMS
6D for the year in second benches also & further core
scheme period. which is not proposed drilling in
entire lease ,
draft document
withdrawn &
till date not
submitted for
approval & V/L
pointed out
under rule
13(1) of
MCDR, 88 .

C. Waste disposal (Rule 13)

a.Location of dumps : It was proposed to The dumping area The dumping
dump outside 50m proposed in out side the area proposed
in NW side of lease area & advised to in out side the

	lease area as proposed. (intercalated waste)	lessee for dump with in lease area only & submit the modification in scheme.	lease area & advised to lessee for dump with in lease area only & submit the modification in AMS.
e. Yearly generation of waste quantity.	: 20000T	10800T	
b. Method of dumping whether advancing/retreat	: Retreat	Retreat	
c. Total area covered under waste dump.	: 0.3704Ha.	0.350Ha	
d. No. and size of each waste dump with No of steps/lift/bench	: Single	Single	

D. Production

b. Year wise production of last five year.	: 2011-12=1,26,320T (L/S) 2012-13=1,33,333T 2013-14=1,33,333T 2014-15=1,33,333T 2015-16=1,33,333T	2011-12=12,701T 2012-13=93,000T 2013-14=1,17,786.14T 2014-15=1,07,000T (L/s) 2015-16=72,000T (L/S) (Up to Sept., 15)	Production proposed & achieved figure is given for L/s only since dolomite is declared as minor minerals.
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D. Reserve

a. Reserve position as :- per latest MP/MS and at the time of inspection.	Reserves & resources available as on 01.10.2015 is as follows- UNFC-(111,121&122)- 24,11,675T and Remaining resources-3163126T
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RESERVE POSITION AS ON 01/04/2015

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	2411675	Cao-45.40% & Mgo-4.6%
Probable	2015929	
Possible	1247197	
Total	5674801	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit
LIMESTONE	107000	TON

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

Efforts for improving low grade and sub grade mineral. : The entire ROM is blending & utilising as per buyers requirement. Presently no subgrade material is generating.

Efforts for improving percentage of recovery of ore. : By size separation of material by crushing of different sizes, manual picking of intercalated waste material & utilising.

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : About 90% of ROM

Number of benches in ore and waste. : Two benches in ore

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : The entire ROM is blending & utilising as per buyers requirement. Presently no subgrade material is generating.

Number and size of each stack : NIL

Location of stacking. : NA

Separate stacking from waste : The intercalated waste is stacked separately as proposed.

Total area covered for stacking : NA

Exploration data as on 31/03/ 2015

No. of Boreholes	No. of Pits	No. of Trenches
16	0	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2014 - 2015

Overburden/waste removed (in m3) :	4320
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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. : The lease area is more or less flat with scanty bushus and shrubs. Few plantations done by lessee are grown. Agricultural crops are grown in adjacent fields.
- b. Aesthetic environment : Degraded mining pits & allied mining activities like crushing, Blending etc.
- c. Soil and land use pattern : No top soil generation & area is intermittently rocky exposure.
- d. Agriculture : No agricultural crops are grown with in the lease area.
- e. Forest(flora and fauna) : No forest land is involved.
- f. Vegetation : Area is grown with scanty shrubs and bushes.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No Public building, places and monuments (protected, historical), placec of worship and places of tourist.

B Water environment.

- a. Surface water : No surface water body is observed except seasonal nallah flowing nearby lease area. No adverse impact is reported.
- b. Ground water : No seepage of ground water observed & no adverse impact is reported at this stage.
- c. Quality of water : Water analysis is done & nothing adverse is reported at present.

C. Air environment

- a. Noise : The noise survey is done & Nothing adverse is reported at present.
- b. Air : Air monitoring survey is done & nothing adverse is reported presently.
- c. Climatic condition : Tropical & Semi arid type.

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
<u>PLANTATION DURING THE PREVIOUS YEAR</u>				<u>2014 - 2015</u>	
Area in Hect.					

TOP SOIL MANAGEMENT

Quantity as on 31/03/2015

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

The lessee has submitted the annual return for the year 2014-15 with in stipulated time in form-H8 to this office & online return is also submitting. The annual return for the year 2012-13 has been submitted in form H9 & advised to lessee to submit in form H8 form. Some deficiencies is observed & pointed out for rectification. Year-2014-15:- Production-107000T,O/S-146398T,Dispatch-114455T,C/S-138942T,Ex.Mine Price-288.51Rs./T{Limestone }.

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.)

NIL

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

The lessee has been conducted the DGPS by recognised agency of state & submitted for authentication to state. Action may be initiated accordingly for authentication of the same.

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

NIL

Date :

(GUMNA RAM)

Indian Bureau of Mines