INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-16 **Mine code : 38HPR10011**

(i) Name of the Inspecting Officer and ID No. : **S038) SHAILENDRA SAKLANI**

(ii) Designation : Assistant Mining Geologis

(iii) Accompaning mine Official with Designation : R.C.Mallick, MINING ENGINEER

(iv) Date of Inspection : 05/01/2014

(v) Prev.inspection date : 05/05/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DHANWASA MONA BONOUN**

(b) Category : A Other than Fully Mech.

(c) Type of Working : Opencast

(d) Postal address

State : HIMACHAL PRADESH
District : SIRMUR
Village : DHANWASA BONOUR
Taluka : PAONTA SAHIB
Post office : BANOUR
Pin Code : 173025
FAX No. : N.A
E-mail : goyalsunil63@gmail.com
Phone : 0135-272196, 2622159

(e) Police Station :

(f) First opening date : 01/10/1983

2. Address for correspondance : M/s M. C. GOYAL & SONS,
99/3-3, GANGA VIHAR, HARIDWAR ROAD, DEHRADUN
DISTRICT - DEHRADUN (UTTRAKHAND)

3. (a) Lease Number : HPR0024

(b) Lease area : 20.23

(c) Period of lease : 10

(d) Date of Expiry : 25/05/2002

4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/s M.C.GOYAL & SONS
99/3-3 Ganga Vihar, Hardwar Road Dehradun, UK SIRMUR
HIMACHAL PRADESH
Phone:
FAX :

Owner : M/s M. C. Goyal & Sons
99/3-3,GANGA VIHAR,HARIDWAR ROAD, DEHREADUN(UK)
DEHRADUN UTTARAKHAND
Phone: 01352622159
FAX :

Mining Engineer
Name : R.C.MALLIK,Full Time
Qualification : FOREMAN CERTIFICATE FOLDER
Appointment/ Termination date : 01/04/2009

Manager
Name : R.C.MALLIK
Qualification : FOREMAN CERTIFICATE FOLDER
Appointment/ Termination date : 01/04/2009

6. Date of approval of Mining 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**	**275**
Supervisory	**1**	**275**
CONTRACT		
Workers	**30**	**275**

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

Action during the year	Expenditure in Rs. Lakhs for previous year		Expenditure in Rs. Lakhs for current year		Remarks
	Proposed	Incurred	Proposed	Incurred	
General					
Water supply		1.00			
Sub total		**1.00**			
Infrastructure					
Sub total			**1.00**		
Others			**45.00**		
Employment			**5.00**		
Environment management			**5.00**		
Total			**56.00**		

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

No outstanding violations exists at the mine. During the current inspection violation of rule 12(3) has been observed. However, the same has not been pointed out as the lessee has submitted the scheme of mining immediately after the return from the tour. In addition to this violation of rule 45(1)(a) of MCDR 1988 was observed and the same has been pointed out to lessee.

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, 19888, if recommended.

It is not recommended at present. The lessee should be given ample time to work as per the proposals incorporated in the scheme of mining.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a.Type of prospecting and exploration i.e. pitting, drilling	: The mining plan for this mine was approved on 25/11/2008. In the approved mining plan it was proposed that one bore hole upto a depth of 30 meters shall be drilled at the pit bottom .	One bore hole was drilled as envisaged in the mining plan.	
b.Total area covered	: As already stated one bore hole was proposed to be drilled upto a depth of 30 meters.	This has been complied with by the party.	
B. Working (Rule 13)			
a.Number and size of each pit (LxWxH)	: Proposals for the year 2012-13 were examined. In the approved mining plan it was proposed to work in two pits during the year 2012-13.	During the inspection it was observed that only one pit was being worked by formation of benches. However, the height of the benches were not maintained as per the proposals contained in the mining plan.	
b.Bench size(LxWxH)length can be defined as regular/irregular	: In the approved mining plan it was proposed that two pits shall be worked by formation of two benches in each pit.	During the inspection it was observed that only one pit was being worked by formation of twobenches. However, the height of the benches were not maintained as per the proposals contained in the mining plan. The height of the benches were observed upto 8 meters.	
c.Ore to waste ratio pit wise if possible otherwise for mine	: Little quantity of overburden is generated as the limestone is outcropping at the site of excavation. However, interburden @ 10 % of ROM is anticipated.	Interburden @ 10 % of ROM is generated. Approximately 10000 tonnes of interburden has been generated during the year 2012-13.	
d.Total area covered under excavation/pits	: Approximately 2 hectares of area.	More or less it is nearly 2 hectares.	
C. Waste disposal (Rule 13)			

a.Location of dumps	: Since the little quantity of waste is expected to be generated, therefore it is prposed in the mineralised zone temporarily.	Dumping of soil is being done at ear marked place. The waste generated is also being utilized for maintenance of the approach road and erection of check dams and retaining walls.
e.Yearly generation of waste quantity.	: It is not proposed	Approximately ten thousand tonnes of waste and interburden has been generated.
b.Method of dumping whether advancing/retreat	: Advancing	Advancing method is adopted.
c.Total area covered under waste dump.	: It is not proposed	Approximately 0.2 hectares of area is covered.
d.No.and size of each waste dump with No of steps/lift/bench	: It is not proposed	Only one step has been observed.

D. Production

b.Year wise production of last five year.	: During the last five years the prposed production is given below:	Year 2009-10- Proposed- 71350 tonnes Actual- 47294 tonnes Year 2010-11- Proposed 775450 Actual- 60394 tonnes Year 2011-12 Proposed- 78243tonnes Actual- 76959 tonnes Year 2012-13 Proposed 887250 tonnes Actual 88067 tonnes

D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection.	: As per approved mining plan a total of 14018745 tonnes of high grade limestone and 1586938 tonnes of medium grade limestone have been put under 111 category as per UNFC.	During the last five years the lessee has extracted nearly 3.12 lakh tonnes of limestone from proved reserves. The balence reserves is left to the tune of 1.37 lakh tonnes.

6. Conservation of Mineral - both quantitative and qualitative

Beneficiation (Rule 20 and 26)

Efforts for improving low grade and sub grade mineral.	:	None at present
Efforts for improving percentage of recovery of ore.	:	None at present

Minearl Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material	:	It is nearly 90%.
Number of benches in ore and waste.	:	No overburden benches have been observed. During the mining little quantity of waste is generated.

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade	:	Not applicable as there is no generation of subgrade/mineral reject.
Number and size of each stack	:	Not applicable as there is no generation of subgrade/mineral reject.
Location of stacking.	:	Not applicable as there is no generation of subgrade/mineral reject.
Separate stacking from waste	:	Little quantity of waste is generated which is stacked seperately near mineralised zone. However, no sub grade mineral is generated. Hence not applicable
Total area covered for stacking	:	Not applicable as there is no generation of subgrade/mineral reject.

7. Environment Management - both quantitative and qualitativ

A. Land environment

a. Landscape.	:	Lease area is hilly and undulating.
b. Aesthetic environment	:	Aesthetic environment is good except some degradation of land.
c. Soil and land use pattern	:	Very less quantity of top soil exist at the working site which is being removed separately & utilised for plantation work simultaneously.
d. Agriculture	:	No agriculture activity is going on within the lease area.
e. Forest(flora and fauna)	:	The lease area does not fall in forest area
f. Vegetation	:	Scanty vegetational growth has been observed in the area comprising of local species.
h. Public building, places and monuments (protected, historical), placec of worship and places of tourist	:	No Public building, places and monuments (protected, historical), places of worship & places of tourist exist within the lease area

B Water environment.

a. Surface water	:	No surface water body present within lease area.
b. Ground water	:	Ground water table has not yet struck.
c. Quality of water	:	water is potable

C. Air environment

a. Noise	:	No noise pollution is observed above permissible limit due to mining.
b. Air	:	Air pollution due to mining is observed within permissible limit.
c. Climatic condition	:	It is cold & wet climate due to hilly area.

D. Socio economic environment

a. Social and demographic profile.	:	Villagers of the area are farmers & some of them are working in mines as well as outside in private & government services.
b. Recommending health and safety.	:	No health and safety hazards were observed.
c. Human settlement	:	None within the lease area
d. Recreational facility.	:	No recreation facility is provided in the mines. However, lessee is contributing towards community development.

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

Annual return for the year 2012-13 has been scrutinised and no major defficiencies were observed.

PART - III : PERFORMANCE OF MINE OWNER

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

a. Compliance of terms and conditions of lease deed.

It is not applicable as the mine is not going to expire within two years.

b. Compliance of the provisions of MCDR, 88 and advise given.

It is not applicable as the mine is not going to expire within two years.

c. Conduct with regard to adoption of safety measures and forest wealth, ecology and environment in the mining lease area.

It is not applicable as the mine is not going to expire within two years.

d. Whether the mine owner has carried out exploration and exploitation on the basis on surface mapping, pitting, trenching and core drilling taking in to consideration the mode of occurrences of mineral deposit.

It is not applicable as the mine is not going to expire within two years.

e. Whether production from mining area is commensurate with the reserves and the long term progress of utilization of mineral.

It is not applicable as the mine is not going to expire within two years.

f. Whether adequate investment has been made by the lessee on the development of mine on mining machinery, operational and administrative building, residential accommodation for the employees.

It is not applicable as the mine is not going to expire within two years.

g. Measures taken by the lessee for protection of environment and ecology.

It is not applicable as the mine is not going to expire within two years.

h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.

It is not applicable as the mine is not going to expire within two years.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

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

Proposals incorporated in the scheme of mining needs to be monitored effectively for the next five years.

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

Proposals incorporated in the scheme of mining needs to be monitored effectively for the next five years.

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

None at present

Date :

(**SHAILENDRA SAKLANI**)

Indian Bureau of Mines