

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-26

Mine code : 38HPR10059

- (i) Name of the Inspecting : **S038**) **SHAILENDRA SAKLANI**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : A.K.DAS, MINES MANAGER
Official with
Designation
- (iv) Date of Inspection : 07/03/2015
- (v) Prev.inspection date : 26/06/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHIMGODA**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : KAMROO
- Taluka : PAONTH SAHIB
- Post office : KAMROO
- Pin Code : 173029
- FAX No. : NA
- E-mail : NA
- Phone : (01704) 222309
- (e) Police Station : PAONTA SAHIB
- (f) First opening date : 26/08/1981
2. Address for : SH.KUSH PARMAR, Ex. MLA,
correspondance AT & PO-NAHAN
DISTRICT- SIRMOUR (HP)
3. (a) Lease Number : HPR0032
- (b) Lease area : 3.5
- (c) Period of lease : 50
- (d) Date of Expiry : 16/04/2034
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : KUSH PARMAR
 PO - Nahan SIRMUR
 HIMACHAL PRADESH
 Phone: (01704) 222309
 FAX :

Owner : KUSH PARMAR
 KUSH PARMAR, EX. MLA, AT &
 PO - NAHAN, DISTRICT -
 SIRMOUR (H P) SIRMUR
 HIMACHAL PRADESH
 Phone: (01704) 222309
 FAX :

6. Date of approval of Mining : 18/01/2014
 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	180
CONTRACT		
Workers	1	16
Supervisory	1	180

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					
Infrastructure					
Sub total					
Sub total					
Employment			2.00		
Environment management			0.05		
Others			3.00		
Total			5.05		

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

In the past unsystematic and unscientific mining have been carried out. To systematise the mining operation, present mining plan have been submitted and approved by IBM on 18.012014. During the current inspection violation of Rule 13(1), 23F and 45(1) (a) have been observed and pointed out to lessee.

If the mine ever prosecuted then date of last judgement with rules for which prosecution launched

Date of Decision : 30/03/2001 Result : Compounded Details :

Fine imposed/Compounding fees collected: 8000 Rules : Rule 13(1)
Rule 29

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.

It is not recommended at present. However, effective monitoring is required to ensure that proposals incorporated in the mining plan are implemented.

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 : In the approved mining plan it is proposed that during the year 2013-14 one exploratory pit will be made in magnesium limestone to explore the quality of the limestone having a dimension of 3*2*2M. The same has been carried out at earmarked place.
- b.Total area covered : In the approved mining plan it is proposed that during the year 2013-14 one exploratory pit will be made in magnesium limestone to explore the quality of the limestone having a dimension of 3*2*2M. The same has been carried out at earmarked place.

B. Working (Rule 13)

- a.Number and size of each pit (LxWxH) : In the approved mining plan it was proposed that mine shall be developed from top to bottom by slicing down of 6 mts height commencing from 1972mRL. During the inspection, it was observed that mine development has not been carried out as per proposals for which violation has been pointed out to lessee.
- b.Bench size(LxWxH) length can be defined as regular/irregular : It is proposed that during the year 2013-14, the working shall be confined at 1972 & 1966mrl by developing two benches having 6 meteres in height and width each. During the inspection, it was observed that mine development has not been carried out as per proposals for which violation has been pointed out to lessee. height of the benches were not reduced as per proposals.
- c.Ore to waste ratio pit wise if possible otherwise for mine : As per approved mining plan it is proposed as 1:0.05. It is maintained more or less.
- d.Total area covered under excavation/pits : Approximately 0.2 hectares of area. Approximately 2 hectares of area have been

is proposed under excavation during the year 2013-14.

covered so far under excavation.

C. Waste disposal (Rule 13)

- a. Location of dumps : As per proposals dumps have been proposed from 1915mrl to 1900 outside the mining lease on non mineralised ground. Existing dump located within ML shall also be used. Dumping has been carried out at earmarked place.
- e. Yearly generation of waste quantity. : As per proposals approximately 1748 tonnes of waste is likely to be generated during the year 2013-14. Approximately 1000 tonnes of waste has been generated against the production of 6900 tonnes during the year 2013-14.
- b. Method of dumping whether advancing/retreat : Advancing Advancing
- c. Total area covered under waste dump. : It is proposed that dumping will be done from east west direction over an area of 3319 Sqm. dumping has been carried out at earmarked place. So far 1000sqm area has been covered under dumping in east west direction.
- d. No. and size of each waste dump with No of steps/lift/bench : It is proposed that dumps having a dimension of 70x50x20m shall be created between 1915 to 1900mrl outside the ML and the existing dump shall also be used for dumping. The proposals incorporated are being implemented.

D. Production

- b. Year wise production of last five year. : As per approved mining plan during the year 2013-14, 50,000 tonnes of limestone was proposed to be excavated during the year 2013-14. The mining plan was approved on 18.01.2014. During the last five years actual production is given below:
 2009-10- proposed- 43780, Actual- 35980 tonnes (As per approved scheme of mining)
 2010-11- Proposed- 50,000 tonnes, Actual- 31136 tonnes (As per approved scheme of mining)
 2011-12- Proposed- 50,000 tonnes, Actual- 3021 tonnes (As per approved scheme of mining)

2012-13- Proposed-
50,000 tonnes, Actual-
Nil (As per approved
scheme of mining)
2013-14- Proposed- 34950
tonnes, Actual- Nil (As
per approved mining
plan)

D. Reserve

a. Reserve position as : As per approved
per latest MP/MS and mining plan
at the time of approved on
inspection. 18/01/2014, 710682
tonnes of
limestone have
been kept under
111 category.

Mining operations
remained closed upto
October 2014 due to to
renewal of mining lease
and after renewal of
mining lease mining
commenced from November
2014. During the year
2013-14 only 6916 tonnes
of limestone could be
extracted.

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

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : About 90% of RoM produced is recovered and marketed. The rest 10% is dolomitic limestone which is treated as waste.

Number of benches in ore and waste. : Mining operations were restarted from November 2014. Past mining has been carried out without any systematic and regular benches. At the time of inspection only two benches were observed and the height of the benches were ranging from 7 to 10 mts.

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 nor proposals are incorporated for the same.

Number and size of each stack : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.

Location of stacking. : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.

Separate stacking from waste : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.

Total area covered for stacking : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.

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 degradation of land due to excavation of pits and waste dumps in the past.
- c. Soil and land use pattern : Very little quantity of Soil does exist at the proposed working site.
- d. Agriculture : No agriculture activity are going on within the lease area.
- e. Forest (flora and fauna) : No forestland is involved in the lease area.
- f. Vegetation : Scattered local species are grown in the area.
- h. Public building, places and monuments (protected, historical), place 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. However, seasonal nallas exists which is provided with check dams.
- b. Ground water : Ground water found 150-200m below from surface.
- c. Quality of water : Water is potable and suitable for agriculture.

C. Air environment

- a. Noise : Noise pollution is observed within permissible limit due to mining in the past.
- b. Air : Air pollution is observed within permissible limit due to mining in the past.
- c. Climatic condition : Cold during winter and pleasant during summer.

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 but small villages exist surrounding the area.
- d. Recreational facility. : None

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 2013-14 has been scrutinised and more or less it was found in order.

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.

Not applicable as the lease is not going to expire within two years.

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

Not applicable as the lease 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.

Not applicable as the lease 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.

Not applicable as the lease 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.

Not applicable as the lease 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.

Not applicable as the lease is not going to expire within two years.

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

Not applicable as the lease 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.

Not applicable as the lease 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.)

Effective monitoring is required to ensure that proposals incorporated in the mining plan are implemented.

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

Effective monitoring is required to ensure that proposals incorporated in the mining plan are implemented.

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

None

Date :

(SHAIENDRA SAKLANI)

Indian Bureau of Mines