

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-49

Mine code : 38HPR10076

- (i) Name of the Inspecting : **G021**) **DATA RAM GURJAR**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri K.N.Pant, Mine Manager
Official with
Designation
- (iv) Date of Inspection : 28-JAN-14
- (v) Prev.inspection date : 23-SEP-12

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BANAUR (BOHAR--KHATWAR)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : BANAUR
- Taluka : PAONTA SAHIB
- Post office : BANAUR
- Pin Code :
- FAX No. :
- E-mail :
- Phone : (0135) 2673715
- (e) Police Station : RAJBAN
- (f) First opening date : 28-MAY-01
2. Address for : RAKESH CHOUDHARY
correspondance VILLAGE - JOGIWALA, PO - NEHRU GRAM
DEHRADUN (UA)
3. (a) Lease Number : HPR0052
- (b) Lease area : 3.21
- (c) Period of lease : 30
- (d) Date of Expiry : 19-MAR-31
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : RAKESH CHOUDHARY
 S/O SH. MAHENDRA SINGH,
 VILLAGE-JOGIWALA, POST-
 NEHRU GRAM, DEHRADUN
 UTTARAKHAND
 Phone:(0135) 673715
 FAX :

Owner : RAKESH CHAUDHARY
 RAKESH CHAUDHARY VILLAGE-
 JOGIWALA, PO- NEHRU GRAM
 DEHRADUN (UA) DEHRADUN
 UTTARAKHAND
 Phone: (0135) 673715
 FAX :

Mining Engineer

Name : V. K. TEWARI, Full Time
 Qualification : B.A., FOREMAN CERTIFICATE
 Appointment/ : 25-JAN-09
 Termination date

6. Date of approval of Mining : 04-JAN-12
 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	2	235
Supervisory	5	235
CONTRACT		
Workers	12	235

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		0.06			
Housing		0.10			
Sub total		0.16			
Infrastructure					
Sub total			0.16		
Environment management			0.12		
Others			0.30		
Recreation			0.10		
Total			0.68		

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

No outstanding violation exists. During the current inspection mine was temporarily discontinued due to submission of modified mining plan after surrendered some area from original area.

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.

Not recommended, as there is no immediate threat to the mine environment and conservation of minerals

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
-------	----------	------------------	---------

A. Exploration (Rule 13)

- a.Type of prospecting : No proposal given
and exploration i.e.
pitting, drilling
- b.Total area covered : None at present

No exploration has been carried out

nil

B. Working (Rule 13)

- a.Number and size of : 3 pits were
each pit (LxWxH) proposed in Bolck
A,B & C block
- b.Bench : Mining was
size(LxWxH)length can proposed by
be defined as formation of 6m
regular/irregular in heights
benches.
- c.Ore to waste ratio : 1: 0.05
pit wise if possible
otherwise for mine
- d.Total area covered : It was propped
under excavation/pits that approx 1.0 Ha
area will be
covered under
pits.

Only two pits have been worked in block A & B having dimension approximatey 40X20X20m & 40X25X30m respectively.No work in block C has been commencement.

Height of benches varies from 6-8m.

approximately same.

Aproximately 1.4 Ha area was covered under mining.

C. Waste disposal (Rule 13)

- a.Location of dumps : Dump was proposed
in Northern part
of the lease area.
- e.Yearly generation : 2600 Tonnes of
of waste quantity. waste will be
generated.
- b.Method of dumping : Advancing
whether
advancing/retreat
- c.Total area covered : Dumping was
under waste dump. proposed
approximately over
an area 0.135Ha.
- d.No.and size of each : Only one dump is
waste dump with No of proposed
steps/lift/bench

Waste was dumped in proposed location.

2400 tonnes of waste has been generated.

Advancing

Dumping has been done at the proposed location over an area 0.14 Ha.

Only one dump has been observed over an area .14 ha.

D. Production

- b.Year wise : The proposed
production of last production for the
five year. last Five years
are as follows:
2008-09: 25002 T,

The Actual production for the last Five years are as follows:
2008-09: 14185.7 T,
2009-10: 14293.4 T,

2009-10: 25002 T,	2010-11 : 29737.9 T,
2010-11 : 25002 T,	2011-12 : 22301 T,
2011-12 : 47950 T,	2012-13 : 56078 T
2012-13 : 52640 T	

D. Reserve

a. Reserve position as : The position of
per latest MP/MS and reserve given in
at the time of modified Mining
inspection. plan approved on
dated 21-02-2014
as on 01-04-2013
of retained area
4.75 Ha

Same as given in
approved modified MP on
dated 21-02-2014 as the
production for the year
2012-13 has been already
depleted.

Proved/111 :
1281128 T,
Probable/122 :
263750 T,

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 : It is nearly 95%.

Number of benches in ore and waste. : Six in ore & four in OB

Sub/grade mineral/fines (Rule 16)

Qty of yearly generation and total qty available during inspection with grade : Not applicable

Number and size of each stack : Not applicable

Location of stacking. : Not applicable

Separate stacking from waste : Entire material is saleable hence not applicable.

Total area covered for stacking : Not applicable

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, however.
- 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,

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

The annual return submitted for the year 2012-13 was scrutinized and no major shortcomings 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.

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

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

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

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

Not applicable since 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.)

None

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

Boundary pillars have not been erected which is violation of provisions of MCR'60 and breach of terms & condition of lease deed. Necessary action may be taken against the lessee with intimation to this office.

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

None

Date :

(DATA RAM GURJAR)

Indian Bureau of Mines