

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-27

**Mine code :** 38HPR10029

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri K. Mishra, Mine Manager  
Official with  
Designation
- (iv) Date of Inspection : 12/01/2017
- (v) Prev.inspection date : 08/09/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BHIMGODA**
- (b) **Registration NO.** :
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : BAGANDHAR
- Taluka : KAMRAOO
- Post office : KAMRAOO
- Pin Code : 173029
- FAX No. : N.A
- E-mail : N.A
- Phone : (01704)-62519,62521; 71219
- (f) **Police Station** : PAONTA SAHIB
- (g) **First opening date** : 01/01/1985
- (h) **Weekly day of rest** : SUN
2. **Address for** : M/S SOHAN SINGH MEET SINGH  
**correspondance** VPO - KAMRAU  
DISTRICT - SIRMOUR (H.P.)
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 : Sohan Singh Meet Singh  
 VPO- Kamrao Distt.-Sirmaur  
 ( H.P.) SIRMUR HIMACHAL  
 PRADESH  
 Phone:  
 FAX :

Owner : Sohan Singh  
 Sohan Singh VPO-Kamrao  
 Distt.-Sirmaur SIRMUR  
 HIMACHAL PRADESH  
 Phone:  
 FAX :

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	19/09/1991
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	29/01/1998
		Mining Scheme rule 12 MCDR1988	21/04/2003
		Renewal under rule 22 MCR1960	23/03/2009
		Mining Scheme rule 12 MCDR1988	11/12/2013

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Backlog of previous year	N/A	
1b	Exploration over lease area for geological axis 1 or 2	No proposal of exploration.	N/A	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal of exploration during the last year.	N/A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal of exploration during the last year.	N/A	
1e	Balance reserve as on 01/04/20	Reserve as on 01/01/2016 as per approved Review & Updation of mining plan(Approved on 02-06-2016) 111:258093T, 122:327363T, 211:2034033T, 222:269200T, 333:563125T	Reserve as on 01/01/2016 as per approved Review & Updation of mining plan(Approved on 02-06-2016) 111:258093T, 122:327363T, 211:2034033T, 222:269200T, 333:563125T	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North Western part of the lease area.	Same location as per proposal.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No OB benches proposed only limestone mineral benches proposed.	Mineral benches were found but bench hieght were not maintained as per proposals.Violation of rule 13(1) of MCDR 1988 issued to the lessee in this regard.	
2c	Stripping ratio or ore to OB ratio	No OB generation was proposed hence 1:0	1:0	

2d	Quantity of topsoil generation in m3	No top soil generation was proposed during the last year	N/A
2e	Quantity of overburden generation in m3	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mine Development has been carried out on same location as per proposal but bench hieght were not maintained hence violation of rule 13(1) of MCDR 1988 has been issued to the lessee.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	105345 tonnes of ROM mineral production was proposed during the last year(2015-16).	71760 tonnes.	
3c	Recovery of sailable/usable mineral from ROM production	90 to 95% is sailable in the market.	As per proposal.	
3e	Grade of mineral rejects generation and threshold value declared.	No subgrade mineral generation was proposed during the last year.	N/A	
3f	Quantity of sub grade mineral generation.	No subgrade mineral generation was proposed during the last year.	N/A	

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3g	Grade of sub grade mineral generation	No subgrade mineral generation was proposed during the last year.	N/A
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	N/A
3j	Provision of drilling and blasting in mineral benches	Jack hammer drilling & emulsion explosive shall be used for blasting.	As per proposals.
3k	Provision of mining machineries in mineral benches	Dumper & excavator combination.	Same sa per proposals.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes, However bench height were not maintained as per proposal and for that violation of Rule 13(1) issued to the lessee.
3m	Total area covered under excavation/pits	At the end of Plan period i.e. year 2017-18 total 1.52 Hect area will be covered under mining pit.	Approximately 1.48 Hect area has been covered under mining pits.
3p	Production of ROM mineral during the last five year period as applicable	The proposed production for the last five years: 2011-12: 70000 tonnes, 2012-13: 70000 tonnes, 2013-14: 105120 tonnes, 2014-15: 105075 tonnes, 2015-16: 105345 tonnes	Actual production for the last five years: 2011-12: 49131 tonnes, 2012-13: 75139 tonnes, 2013-14: 80294 tonnes, 2014-15: 101971 tonnes, 2015-16: 71760 tonnes

3q General remarks of inspecting officers on method of mining etc. Opencast Opencast

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes.	
4b	Location of topsoil, OB and mineral reject dumps	No topsoil & OB generation was proposed during the last year only 10% of ROM Mineral shall be generate as waste.Most of the part of that waste will be utilised for preparation of retaining walls,parapet walls & Check dams and remaining waste will be dumped near pillar D.	As per proposal.	
4c	Number of dumps within lease area and outside of lease area	One	One	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not within ultimate pit limit.	As per proposal.	
4e	Number of active and alive dumps.	One	One	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	N/A	

4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Yes
4i	Length of Retaining wall or garland drain all along dumps	30m	30m
4j	Number of settling ponds	None	N/A

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal	N/A	
5b	Area under backfilling of mined out area	No proposal	N/A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil generation proposed	N/A	
5d	Total area fully reclaimed and rehabilitated	No proposal	N/A	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Working benches has not reached up to Ultimate pit limit.

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Annual report on PMCP for the last year 2015-16 should be submitted before 1 July 2016.	Not submitted; hence violation of Rule 23(E)(2) of MCDR 1988 issued to the lessee.	

6b	Area available for rehabilitation (ha) .	No proposal	N/A	
6c	afforestation done (ha).	0.04 Hect	0.04 Hect	
6d	No. of saplings planted during the year	200	200	
6f	Any other method of rehabilitation	No proposal	N/A	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The annual reprt 2015-16 of PMCP has not submitted; hence violation of Rule 23(E)(2) of MCDR 1988 issued to the lessee for immediate rectification.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Most of ROM mineral production is dispatched to the market.	Most of ROM mineral production is dispatched to the market.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	No subgrade mineral generation was proposed.	N/A	
7d	Any beneficiation process at mines .	No proposal	N/A	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No specific issue related to Mineral conservation.

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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation was proposed.	N/A	
8b	Concurrent use or storage of topsoil	No topsoil generation was proposed however anywhere it encountered it will be utilised for plantation.	As per proposal.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes as per proposal.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Waste rock will be used for construction of parapet walls, retaining walls, check dams etc.	As per proposal.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for the 1st year.	N/A	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	200 Nos. plants proposed during the last year.	200 Nos. plant	
8g	Survival rate	70%	70%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse thing in this regards is observed.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual Return for the year 2015-16 Submitted & MR submitted up to month of Nov. 2016.	AR Submitted & MR for the month of Dec 2016 has not submitted hence violation of Rule 45(5)(a) issued to the lessee.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Given.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes Detail Given	Detail Given.	
9d	Scrutiny of Annual return on afforestation	Detail Given	Detail Given	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Detail Given	Detail Given	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Detail Given	Detail Given	

**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 13(1)	23/01/2017				
Rule 23E(2)	23/01/2017				
Rule 45(5)(a )	23/01/2017				

**Date :**

(DATA RAM GURJAR)

Indian Bureau of Mines