

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-26

**Mine code :** 38HPR10059

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Satish Tomar, Owner's Representative  
Official with  
Designation
- (iv) Date of Inspection : 12/01/2017
- (v) Prev.inspection date : 14/01/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BHIMGODA**
- (b) **Registration NO.** : **IBM/12420/2012**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **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**
- (f) **Police Station** : **PAONTA SAHIB**
- (g) **First opening date** : **26/08/1981**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **SH.KUSH PARMAR, Ex. MLA,**  
**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	:	Existing rule 11 MCDR1988	28/11/1990
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	20/05/1997
		Mining Scheme rule 12 MCDR1988	05/02/2003
		Mining Scheme rule 12 MCDR1988	24/09/2009
		Renewal under rule 22 MCR1960	18/01/2014

## 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	No Backlog of previous year	
1b	Exploration over lease area for geological axis 1 or 2	One trial pit was proposed during the last year(2015-16)	Same has been dug.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal of Exploration agency & Expenditures during the last year(2015-16)	N/A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal in the earlier approved Mining Plan in this regard	N/A	
1e	Balance reserve as on 01/04/20	As per recent approved Review & Updation of Mining Plan(Approved on 08/06/2016) position of reserve as on 01/04/2016: 111: 1.938407 million tonnes, 122: 0.489038 million tonnes, 211: 0.476789 million tonnes, 222: 0.048375 million tonnes	The position of reserve will be same as this is the first year of approved Review & Updation of Mining Plan(Approved on 08/06/2016) as on 01/04/2016 111: 1.938407 million tonnes, 122: 0.489038 million tonnes, 211: 0.476789 million tonnes, 222: 0.048375 million tonnes	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Central & Southern part of the lease area	As per proposal; However benches hieght were not maintained as per proposals, hence violation of Rule 13(1) of MCDR 1988 issued to the lessee.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes, but benches hieghts were not mainatined hence violation of Rule 13(1) of MCDR 1988 issued to the lessee.
2c	Stripping ratio or ore to OB ratio	During the last year 1:.05(2015-16)	Approximately same as per proposal.
2d	Quantity of topsoil generation in m3	80 tonnes (2015-16)	Very less amount of top soil generated which used for plantaion purpose.
2e	Quantity of overburden generation in m3	During the last year(2015-16) 2173 tonnes of waste generation was proposed.	Approximately same quantity of waste was generated during the last year.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	Last year(2015-16) 41382 tonees of Limestone Production was proposed.	38892 tonnes	However annual return for the year 2015-16 has not been submitted by the lessee.Violation of Rule 45(5)(b) of MCDR 1988 issued to the lessee.
3c	Recovery of sailable/usable mineral from ROM production	95%	Aprrroximately same as per proposal.	
3d	Quantity of mineral reject generation	During the last year 2178 tonnes of waste generation was proposed.	Approximately same quantity of waste was generated during the last year.	

3e	Grade of mineral rejects generation and threshold value declared.	No proposal of mineral reject generation during the last year.	N/A
3f	Quantity of sub grade mineral generation.	No proposal of subgrade mineral generation.	N/A
3g	Grade of sub grade mineral generation	No proposal of subgrade mineral generation.	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 & Balsting by EL-MX 90% explosive.	Same as per proposal.
3k	Provision of mining machineries in mineral benches	Manual Loading in 10 tonnes capacity Dumpers.	Same as per proposals.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	However benches hieght were not mainatined hence vioaltion of Rule 13(10 of MCDR 1988 issued to lessee for immediate rectification.
3m	Total area covered under excavation/pits	At the end of year 2015-16 total 1.6 Hect area will be covered under excavation of pits.	Approximately 1.8 hect area has been covered under excavation of pits.
3n	Ore to OB ratio for the pit/mine during the year.	1:.05	1:05

3o	Total area put in use under different heads at the end of year	At the end of year 2015-16 total area proposed to put under different heads: Mining: 1.6 Hect, Dumps: 0.4 Hect etc	Approximately 1.8 Hect area under mining excavation & approximately 0.2 hect under waste dumps.	
3p	Production of ROM mineral during the last five year period as applicable	Proposed production for the last five years: 2011-12: 50000 tonnes, 2012-13; 50000 tonnes, 2013-14: 34950 tonnes, 2014-15: 39060 tonnes, 2015-16: 41382 tonnes,	Actual production for the last five years: 2011-12: 3021 tonnes, 2012-13: Nil, 2013-14: 6923 tonnes, 2014-15: 35785.2 tonnes, 2015-16: 38892 tonnes	However annual return for the year 2015-16 has not been submitted by the lessee. Violation of Rule 45(5)(b) of MCDR 1988 issued to the lessee.
3q	General remarks of inspecting officers on method of mining etc.	Opencast method	Opencast method.	

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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	In the Northern part of lease area in existing waste dump.	Same as per proposal.	
4c	Number of dumps within lease area and outside of lease area	Two	Two	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside of ultimate pit limit.	Outside of ultimate pit limit.	
4e	Number of active and alive dumps.	Two	Two	

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.	71m retaining wall at the base of dump.	Same has been made.
4i	Length of Retaining wall or garland drain all along dumps	71m retaining wall at the base of dump.	Same has been made.
4j	Number of settling ponds	No proposal	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 of backfilling during the last year(2015-16).	N/A	
5b	Area under backfilling of mined out area	No proposal of backfilling during the last year(2015-16).	N/A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	For plantation.	As per proposal.	
5d	Total area fully reclaimed and rehabilitated	No proposal	N/A	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The area is not matured for backfilling.

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Annual report on PMCP under Rule 23 E (2) of MCDR 1988 should be submitted by the lessee up to 1 July 2016 for last year(2015-16).	Annual report on PMCP under Rule 23 E (2) of MCDR 1988 has not been submitted by the lessee for last year(2015-16) hence violation of Rule 23(E)(2) issued to the lessee for immediate rectification.	
6b	Area available for rehabilitation (ha) .	No proposal of rehabilitation .	N/A	
6d	No. of saplings planted during the year	50	50	
6f	Any other method of rehabilitation	No proposal	N/A	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Annual report on PMCP under Rule 23 E (2) of MCDR 1988 has not been submitted by the lessee for last year(2015-16) hence violation of Rule 23(E)(2) 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	All the ROM mineral are salable in market hence dispatched.	All the ROM mineral are salable in market hence dispatched.	
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 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 issues 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)	Separate removal of topsoil proposed & will be utilised for plantation.	Same 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	Most of generated waste shall be used fo construction of roads, check dams, parapet walls & retaining walls.	As per proposal.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal of reclamation.	N/A	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Last year total plantation proposed 200 Nos.	As per proposal.	

8g	Survival rate	70%	Approximately same.
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 was observed in this regard.

#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	December 2016 Monthly return not submitted, Annual return for the last year 2015-16 not submitted by the lessee.	For non submission of December 2016 month return & annual return for the year 2015-16 violation letter of Rule 45(5)(a) & 45(5)(b) of MCDR 1988 issued to the lessee for immediate rectification.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.	
9d	Scrutiny of Annual return on afforestation	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.
9h	Scrutiny of Annual return on fixed assets	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.
9k	Scrutiny of Annual return on mining machineries	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for non submission of annual return.

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**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				
Rule 45(5)(b)	23/01/2017				

**Date :**

(DATA RAM GURJAR)

Indian Bureau of Mines