

**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 : 004 ) Mukesh Kumar Sharma  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 13-MAR-23
- (v) Prev.inspection date : 20-JUL-22

**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-AUG-81
- (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** : 3.32
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 17-APR-34
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-NOV-90
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	20-MAY-97
		Mining Scheme rule 12 MCDR1988	05-FEB-03
		Mining Scheme rule 12 MCDR1988	24-SEP-09
		Renewal under rule 22 MCR1960	18-JAN-14

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	NA	
1b	Exploration over lease area for geological axis 1 or 2	2021-22-4 Boreholes proposed	4 Boreholes was carried out by lessee , but analysis report is not submitted.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area Under G1- 2.73 hectare Area under G2 - Nil	Area Under G1- 2.73 hectare Area under G2 - Nil	
1e	Balance reserve as on 01/04/20	As on 13.7.2021 Reserves-7.92957 million tonnes Resources-2.86638 million tonnes Total-10.79595 million tonnes	As on 31.3.2022 Reserves-7.895427 million tonnes Resources-2.86638 million tonnes Total- 10.761807 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	-	-	4 PBH bore hole was proposed during 2021-22. Violation pointed out as per Rule 11(1) of MCDR 2017 for under exploration as per proposals.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Development was proposed towards Southern side of Pit-1 near boundary pillar BP-3 to get the ease of mining keeping the height 3 m	Only Development was carried out at proposed place.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Development proposed in mineralised area only.	Benches are in mineral only.
2c	Stripping ratio or ore to OB ratio	1:0.0	Mining operation are in mineralised land at present.
2d	Quantity of topsoil generation in m3	No proposals are incorporated	2021-22- Nil
2e	Quantity of overburden generation in m3	No such proposals is incorporated	2021-22- Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	- Development work was carried out at proposed place but height of the benches observed more than proposed height.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	As per proposal, 1 pits were proposed for production	Observed as per proposal	
3b	Quantity of ROM mineral production proposed	ROM proposed during 2021-22 is 40000 tonnes	Total production during 2021-22 is 34143.5 Tonnes	
3c	Recovery of saleable/usable mineral from ROM production	95% recovery from ROM	ROM is saleable in the market.	
3d	Quantity of mineral reject generation	2000 tonnes (5% of ROM)	No significant mineral reject in this mine is being generated.	

3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Not applicable
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	No segregating was carried out in the mine
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Applicable	Not Applicable
3j	Provision of drilling and blasting in mineral benches	No drilling and blasting shall be carried out as per EC condition	No drilling & blasting shall be carried out.
3k	Provision of mining machineries in mineral benches	Proposals given	Deployed as per proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed in mineral benches	Broadly as per the proposals
3m	Total area covered under excavation/pits	2.34	Broadly as per the proposals
3n	Ore to OB ratio for the pit/mine during the year.	1:0.0	-
3o	Total area put in use under different heads at the end of year	2.52	2.52

3p	Production of ROM mineral during the last five year period as applicable	2017-18-45000 Tonnes 2018-19-45000 Tonnes 2019-20-45310 Tonnes 2020-21-45675 Tonnes 2021-22-40000 Tonnes	2017-18-4624 Tonnes 2018-19- 34472 Tonnes 2019-20- Nil Tonnes 2020-21- Nil Tonnes 2021-22-34143.5 Tonnes	
3q	General remarks of inspecting officers on method of mining etc.	-	-	Mining plan was approved on 13-07-2021. During the inspection it was observed that proposed development works has been carried out at the earmarked places.

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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)	Dump proposed within lease area, Dumping was proposed towards western flank of lease area.	Separate dumping of waste has been carried out as per proposal	
4b	Location of topsoil, OB and mineral reject dumps	Proposal for separate dumping is incorporated	OB dump is found at separate location as per proposal towards modified mining plan of the lease boundary. Top soil and mineral reject was generated insignificantly during	
4c	Number of dumps within lease area and outside of lease area	1	1 active dump observed within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumping was proposed towards south west slope of lease area	Dumping has been carried out at earmarked place.	
4e	Number of active and alive dumps.	1	1	
4f	Number of dead dumps.	None	None	

4g	Number of dumps established.	Not Applicable	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal incorporated	Not erected	
4i	Length of Retaining wall or garland drain all along dumps	Not quantified	Not quantified	
4j	Number of settling ponds	Not Applicable	Not Applicable	
4k	Specific comments of inspecting officer on waste dump management	-	-	Insignificant top soil is generated in this mine and only inter-burden present in this mine. Whatever, little quantity of inter-burden is generated is dumped at earmarked place.

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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 proposals for backfilling in year 2021-22	Area has yet not been matured for backfiling.	
5b	Area under backfilling of mined out area	No proposals are incorporated	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals are incorporated	No proposals are incorporated	
5d	Total area fully reclaimed and rehabilitated	No proposals are incorporated	No proposals are incorporated	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	Area yet not matured for back filling

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## 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).	Proposals are incorporated	PMCP is submitted (2021-22)	
6b	Area available for rehabilitation (ha) .	Not Proposal	Not applicable	
6c	afforestation done (ha).	Not Proposal	Not applicable	
6d	No. of saplings planted during the year	Not Proposal	Not applicable	
6e	Cumulative no .of plants	Not Proposal	Not applicable	
6f	Any other method of rehabilitation	Not Proposal	Not applicable	
6g	Cost incurred on watch and care during the year	Not Proposal	Not applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	0.02	-	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposal	Not applicable	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Proposal	Not applicable	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposal	Not applicable	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Proposal	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	40 saplings proposed during 21-22	45 saplings Carried out during year 21-22	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	40 saplings proposed during 21-22	45 saplings Carried out during year 21-22	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	40 saplings proposed during 21-22	45 saplings Carried out during year 21-22	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring proposed	Monitoring is done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			PMCP report under 26(2) of MCDR-2017 has been submitted.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals incorporated, 95% ROM saleable in the marked	Entire Mineral is being used.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable	
7c	Different grade of mineral sorted out at mines.	Grade wise sorting is not proposed.	Not Applicable at present	

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7d	Any beneficiation process at mines	Not Applicable	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			There is no problem of mineral Conservation at this Mine

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil present in this mine	Nil	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal incorporated	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No. proposal incorporated	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline study done	Cumulative 150 saplings have been planted in last five years	
8g	Survival rate	60 to 70%	70%	

8h	Water sprinkling on roads to control airborne dust	Water Sprinkling on haul road for dust suppression in mine	Water Sprinkling on haul road for dust suppression is done occasionally.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty is maintained more or less except degradation of land due to mining. More focus is to be given to maintain the aesthetic beauty by planting suitable saplings having good survival rate and suits the climatic condition in and around mine site.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Proposal given	All Monthly and Annual Return Submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist is appointed	Mining Engineer and Geologist is appointed	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area utilisation under current working-2.160, Used for waste disposal - 0.100 and Road-0.080 and Other purpose-0.910	Broadly as per submission	
9d	Scrutiny of Annual return on afforestation	1)Within lease area-50 plants 2)Outside lease area-0	Broadly as per submission	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No. proposal incorporated	As per submission
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information given	As per submission
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price is 400 per tonne and Cost of production is 195 per tonnes	As per submission
9h	Scrutiny of Annual return on fixed assets	Information is given	-
9k	Scrutiny of Annual return on mining machineries	Found Front in Loader	-

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

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

**Date :**

**(Mukesh Kumar Sharma)**

Indian Bureau of Mines