

**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 : 002 ) DAMODAR PRASAD SHARMA  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Som Prakesh Tomar, Mine Manager  
Official with  
Designation
- (iv) Date of Inspection : 23-JAN-20
- (v) Prev.inspection date : 01-DEC-18

**PART-I : GENERAL INFORMATION**

1. (a) Mine Name : BHIMGODA
- (b) Registration NO. : IBM/7858/2011
- (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-JAN-85
- (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 : 3.32
- (c) Period of lease : 50
- (d) Date of Expiry : 16-APR-34
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-SEP-91
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	29-JAN-98
		Mining Scheme rule 12 MCDR1988	21-APR-03
		Renewal under rule 22 MCR1960	23-MAR-09
		Mining Scheme rule 12 MCDR1988	11-DEC-13



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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not Applicable	Not Applicable	
1b	Exploration over lease area for geological axis 1 or 2	04 bore hole proposed during year 2019-20.	Exploration was not carried out tiil date of Inspection.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1 2.15 ha and G2 1.17 ha	G1 2.15 ha and G2 1.17 ha	
1e	Balance reserve as on 01/04/20	Under 111 1.01 Million Tonnes	Under 111 1.01 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	No exploration was carried out during year 2019-20.	No exploration was carried out during year 2019-20.	No exploration was carried out during year 2019-20.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development proposed towards present pit North West direction by foramtion 6mtr height benches up to 1985 mRl.	Development work carried out earmarked place.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable	Not Applicable	only minerals benches present.
2c	Stripping ratio or ore to OB ratio	01:0.1	01.0.1	
2d	Quantity of topsoil generation in m3	No proposals incorporated	small quantity of top soil generated which used for planation purpose.	
2e	Quantity of overburden generation in m3	No proposals incorporated	small quantity of interburden generated which used for haul road maintainance purpose.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development proposed towards present pit North West direction by foramation 6mtr height benches up to 1985 mRl.	Development work was carried out at ermarked place but heights of benches observed more than proposed height. Violation point out to lessee as per rule of 11(1) of MCDR-2017.	Development work was carried out at ermarked place but heights of benches observed more than proposed height. Violation point out to lessee as per rule of 11(1) of MCDR-2017.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	105210 Tonnes	34485 Tonnes	
3c	Recovery of sailable/usable mineral from ROM production	90 % proposed of ROM	90 to 80 % recovery	
3d	Quantity of mineral reject generation	4208	1150	



3e	Grade of mineral rejects generation and threshold value declared.	dolomatic limestone	dolomatic limestone
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	Not Applicable
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation study proposed.	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation carried out by the used of safety fuse and ordinary detonator.	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation carried out by the used of safety fuse and ordinary detonator.

3k	Provision of mining machineries in mineral benches	Hydraulic excavators L&T PC-200 with bucket capacity 0.9 cum using for limestone loading operation and Trucks 9 tonnes used for transporation of limestone form mine to stock yard .	Hydraulic excavators L&T PC-200 with bucket capacity 0.9 cum using for limestone loading operation and Trucks 9 tonnes used for transporation of limestone form mine to stock yard .
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Benches height observed more than proposals.
3m	Total area covered under excavation/pits	2.12 ha	2.05 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:0.1	1:0.12
3o	Total area put in use under different heads at the end of year	2.87 ha during the plan period	2.87 ha during the plan period
3p	Production of ROM mineral during the last five year period as applicable	2015-16 105120 2016-17 112990 2017-18 105210 2018-19 105210 2019-20 105210	2015-16 71761 Tonnes 2017-18 102864 Tonnes 2019-20 0 2019-20 34485 Tonnes
3q	General remarks of inspecting officers on method of mining etc.	Benches height obserbed more than proposals, violation point out to lessee as 11(1) of MCDR-2017.	Benches height obserbed more than proposals, violation point out to lessee as 11(1) of MCDR-2017.



## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal incorporated for seperated dumping of overburden.	No proposal incorporated for seperated dumping of overburden.	
4b	Location of topsoil, OB and mineral reject dumps	Mineral reject stacked south east of ML near pillars C-D-E.	Mineral reject stacked south east of ML near pillars C-D-E.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Mineral reject stacked south east of ML near pillars C-D-E.	Mineral reject stacked south east of ML near pillars C-D-E.	
4e	Number of active and alive dumps.	nil	Nil	
4f	Number of dead dumps.	1 daed dump observed	1 daed dump observed	
4g	Number of dumps established.	None	None	
4h	Whether Retaining wall or garland drain all along dumps are there.	no proposals incorporated during year 2019-20.	no proposals incorporated during year 2019-20.	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	
4j	Number of settling ponds	None	None	

4k	Specific comments of inspecting officer on waste dump management	No proposal incorporated for seperated dumping of overburden.sma ll quantity of mineral reject generate which stacked seperately of SE of lease boundary line near C-D-E pillars.	No proposal incorporated for seperated dumping of overburden.small quantity of mineral reject generate wchich stacked seperately of SE of lease boundary line near C-D-E pillars.	No proposal incorporated for seperated dumping of overburden.small quantity of mineral reject generate which stacked seperately of SE of lease boundary line near C-D-E pillars.
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#### Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Proposals not incorporated.	Proposals not incorporated.	
5b	Area under backfilling of mined out area	Not Applicable	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	small quantity of top soil generated which used for planation.	small quantity of top soil generated which used for planation.	
5d	Total area fully reclaimed and rehabilitated	No proposals, except plantation proposals is within the lease area.	No proposals, except plantation proposals is within the lease area.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Area yet not matured for back filling.	Area yet not matured for back filling.	



## 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).	Submitted	Submitted	
6b	Area available for rehabilitation (ha) .	Not Applicable	Not Applicable	
6c	afforestation done (ha).	0.02 ha	0.02 ha	
6d	No. of saplings planted during the year	100	120	
6e	Cumulative no .of plants	300	300	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	2500	2500	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Applicable	Not Applicable	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	Not Applicable	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Applicable	Not Applicable	

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not Applicable	Not Applicable
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Applicable	Not Applicable
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Applicable	Not Applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitored	Monitored
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 and PMCP compliance as per approved plan.	PMCP report under 26(2) of MCDR-2017 has been submitted and PMCP compliance as per approved plan.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade-wise sorting not applicable	grade-wise sorting not applicable	
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.	Not Applicable	Not Applicable
7d	Any beneficiation process at mines	Not Applicable	Not Applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	ROM Dispatched to Market	ROM Dispatched to Market

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal incorporated	No proposal incorporated	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals incorporated	No proposals incorporated	
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 proposals incorporated	No proposals incorporated
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline Study done	Baseline Study done
8g	Survival rate	70%	70%
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul road for dust suppression.	Water sprinkling on haul road for dust suppression.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty in and around mines area maintained except land degradation.	Aesthetic beauty in and around mines area maintained except land degradation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	All Monthly and Annual Return Submitted.	All Monthly and Annual Return Submitted.	



9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer appointed, Geologist not appointed violation point out to lessee as per rule 55 of MCDR-2017.	Mining Engineer appointed, Geologist not appointed violation point out to lessee as per rule 55 of MCDR-2017.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information given	Information given
9d	Scrutiny of Annual return on afforestation	Information given	Information given
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Information given	Information given
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information given	Information given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Return scurtinzed for Ex. Mine price and cost of production.	Return scurtinzed for Ex. Mine price and cost of production.
9h	Scrutiny of Annual return on fixed assets	Information given	Information given

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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
MCDR17 Rule 11(1)	18-FEB-20		MCDR17 Rule 11(1)	18-FEB-20	
MCDR17 Rule 26(2)	18-FEB-20		MCDR17 Rule 26(2)	18-FEB-20	
MCDR17 Rule 33	18-FEB-20		MCDR17 Rule 33	18-FEB-20	
MCDR17 Rule 35(2)	18-FEB-20		MCDR17 Rule 35(2)	18-FEB-20	
MCDR17 Rule 11(1)	31-MAR-20		MCDR17 Rule 11(1)	31-MAR-20	21-OCT-20
MCDR17 Rule 29	31-MAR-20		MCDR17 Rule 29	31-MAR-20	21-OCT-20
MCDR17 Rule 55(1)(1)	31-MAR-20		MCDR17 Rule 55(1)	31-MAR-20	21-OCT-20

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines