

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-24

Mine code : 38HPR10008

- (i) Name of the Inspecting Officer and ID No. : 002 ) DAMODAR PRASAD SHARMA  
(ii) Designation : Assistant Controller Mine  
(iii) Accompanying mine Official with Designation : Mr. A.K Das , Mine Manager  
(iv) Date of Inspection : 23-FEB-20  
(v) Prev.inspection date : 16-OCT-15

PART-I : GENERAL INFORMATION

1. (a) Mine Name : BOHAR  
(b) Registration NO. :  
(c) Category : B Manual  
(d) Type of Working : Opencast  
(e) Postal address :  
State : HIMACHAL PRADESH  
District : SIRMUR  
Village : BOHAR  
Taluka : PAONTA SAHIB  
Post office : BONUR  
Pin Code : 173025  
FAX No. : 01704-222622  
E-mail : thakur\_swaraj@rediffmail.co  
Phone : (01704) - 222158  
(f) Police Station : PAONTA SAHIB  
(g) First opening date : 01-DEC-85  
(h) Weekly day of rest : SUN
2. Address for correspondence : JAISINGH THAKUR C/O R.P.TEWARI  
DEVI NAGAR, PO- PAONTA SAHIB  
DISTRICT - SIRMOUR (HP)
3. (a) Lease Number : HPR0019  
(b) Lease area : 4.15  
(c) Period of lease : 50  
(d) Date of Expiry : 24-APR-35
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the Lessee

: JAISINGH THAKUR & SONS  
 JAISINGH THAKUR & SONS DEVI  
 NAGAR PAONTA SAHIB SIRMUR  
 HIMACHAL PRADESH  
 Phone:  
 FAX :

## Owner

: Swaraj Singh Thakur  
 Devi Nagar Paonta Sahib  
 P.O. - Paonta Sahib SIRMUR  
 HIMACHAL PRADESH  
 Phone: (01704) 22158  
 FAX : (01704) 22622

## Agent

: Rajendra Prasad Tewari  
 Devi Nagar Paonta Sahib  
 P.O. Paonta Sahib SIRMUR  
 HIMACHAL PRADESH  
 Phone: (01704) 22158  
 FAX : (01704) 22622

## Mining Engineer

Name : R. P. Tewari, Full Time  
 Qualification : M. Sc. (Geology)  
 Appointment/ : 07-JUN-99  
 Termination date

## Manager

Name : A. K. DAS  
 Qualification : FOREMAN CERTIFICATE HOLDER  
 Appointment/ : 01-JAN-01  
 Termination date

## 6. Date of approval of Mining Plan/Scheme of Mining

: Existing rule 11 MCDR1988	11-DEC-89
Mining Scheme rule 12 MCDR1988	07-AUG-00
Mining Scheme rule 12 MCDR1988	10-JAN-12

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	As per proposals no exploration proposed during year 2019-20	No exploration was carried out during year 2019-20.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Applicable	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals incorporated in approved mining plan.	No proposals incorporated in approved mining plan.	
1e	Balance reserve as on 01/04/20	Under 111 0.12852 Millions Tonnes Under 121& 122 Million Tonnes	Under 111 0.12852 Millions Tonnes Under 121& 122 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	As per proposals no exploration proposed during year 2019-20	No exploration was carried out during year 2019-20.	Mine operation have been temporarily discontinued due to land disput with local villegers from 15.12.2018 to Nov 2019.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Block-I Development of six meter height benches proposed from 1328 mRL to 1316 mRL.	Mine development was not carried out as per proposals .	Mining operation was temporarily discontinued from 15.12.2018 to month Nov-2019 .Due to land dispute with local villagers . Mine was inspected for disposal of Review of Mining Plan.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Only Benches proposed in Minearls	Only Benches proposed in Minearls	
2c	Stripping ratio or ore to OB ratio	1:00.00	1:00.00	No overburden generated during year.
2d	Quantity of topsoil generation in m3	Not Applicable	Not Applicable	
2e	Quantity of overburden generation in m3	No overburden generated during year .	No overburden generated during year .	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Mine development was not carried out as per proposals .	Mining operation was temporarily discontinued from 15.12.2018 to month Nov-2019 .Due to land dispute with local villagers .Mine was inspected for disposal of Review of Mining Plan.	Mining operation was temporarily discontinued from 15.12.2018 to month Nov-2019 .Due to land dispute with local villagers .Mine was inspected for disposal of Review of Mining Plan.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	

- 3b Quantity of ROM 91015 Tonnes 0  
mineral  
production  
proposed
- 3c Recovery of 95 % proposed 95%  
sailable/usable  
mineral from ROM  
production
- 3d Quantity of Not Applicable Not Applicable  
mineral reject  
generation
- 3e Grade of mineral Not Applicable Not Applicable  
rejects  
generation and  
threshold value  
declared.
- 3f Quantity of sub Not Applicable Not Applicable  
grade mineral  
generation.
- 3g Grade of sub Not Applicable Not Applicable  
grade mineral  
generation
- 3h Manual / Not Applicable Not Applicable  
Mechanised  
method adopted  
for segregating  
from ROM
- 3i Any analysis or Not Applicable Not Applicable  
beneficiation  
study proposed  
and carried out  
for sub grade  
mineral and  
rejects.

Mine operation  
have been  
temporarily  
discontinued due  
to land disput  
with local  
villegers from  
15.12.2018 to Nov  
2019.

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	JCB excavators with bucket capacity 0.9 cum using for limestone loading operation and Tata hyva 10 tonnes tippers used for transportation of limestone form mine to stock yard .	JCB excavators with bucket capacity 0.9 cum using for limestone loading operation and Tata hyva 10 tonnes tippers used for transportation 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	6 meter benches height proposed in mine.
3m	Total area covered under excavation/pits	1.53 ha	0.91 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:00.00	1:00.00

3o Total area put in use under different heads at the end of year 2.77 ha during plan period . 2.77 ha during plan period .

3p Production of ROM mineral during the last five year period as applicable	2016-17	90830	2016-17	0
	Tonnes		Tonnes	
	2017-18	90915	2017-18	0
	Tonnes		Tonnes	
	2018-19	90972	2018-19	0
	Tonnes		Tonnes	
	2019-20	91015	2019-20	0
	Tonnes		Tonnes	

Mining operation was temporarily discontinue from 15.12.2018 to month Nov-2019 .Due to land dispute with local villagers .Mine was inspected for disposal of Review of Mining Plan.

3q General remarks of inspecting officers on method of mining etc. Mining operation was temporarily discontinue from 15.12.2018 to month Nov-2019 .Due to land dispute with local villagers .Mine was inspected for disposal of Review of Mining Plan. Mining operation was temporarily discontinue from 15.12.2018 to month Nov-2019 .Due to land dispute with local villagers .Mine was inspected for disposal of Review of Mining Plan.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposals have been incorporated.	No waste generated during year 2018-19.
4b	Location of topsoil, OB and mineral reject dumps	As per proposal dumping shall be carried out near boundary pillar BP1, BP2 & BP-3 over non-mineralized area.	As per proposal dumping shall be carried out near boundary pillar BP1, BP2 & BP-3 over non-mineralized area.
4c	Number of dumps within lease area and outside of lease area	2	2
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	As per proposal dumping shall be carried out near boundary pillar BP1, BP2 & BP-3 over non-mineralized area.	As per proposal dumping shall be carried out near boundary pillar BP1, BP2 & BP-3 over non-mineralized area.
4e	Number of active and alive dumps.	2	No waste generated during year 2018-19.
4f	Number of dead dumps.	None	None
4g	Number of dumps established.	None	None
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	30 mtr	20 mtr
4j	Number of settling ponds	0	0



4k	Specific comments of inspecting officer on waste dump management	No waste generated during year 2018-19. Mining operation was temporarily discontinued from 15.12.2018 to month Nov-2019 .Due to land dispute with local villegers .Mine was inspected for disposal of Review of Mining Plan.	No waste generated during year 2018-19. Mining operation was temporarily discontinued from 15.12.2018 to month Nov-2019 .Due to land dispute with local villegers .Mine was inspected for disposal of Review of Mining Plan.	No waste generated during year 2018-19. Mining operation was temporarily discontinued from 15.12.2018 to month Nov-2019 .Due to land dispute with local villegers .Mine was inspected for disposal of Review of Mining Plan.
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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.	Proposals are not incorporated.	Proposals are 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)	Not Applicable	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	Not Applicable	Not Applicable	

5e General remarks of inspecting officers on backfilling and reclamation etc. Area yet to not matured for back filling. Area yet to 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).	Not Submitted	PMCP report not submitted, violation point out to lessee as per rule 26(2) of MCDR-2017.	PMCP report not submitted, violation point out to lessee as per rule 26(2) of MCDR-2017.
6b	Area available for rehabilitation (ha) .	Not Applicable	Not Applicable	
6c	afforestation done (ha).	0.1 ha	0.10 ha	
6d	No. of saplings planted during the year	100 nos	100 nos	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	1000	1000	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Applicable	Not Applicable	

- 6i Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings Not Applicable Not Applicable
- 6j Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area 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

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 not submitted, violation point out to lessee as per rule 26(2) of MCDR-2017. PMCP report not submitted, violation point out to lessee as per rule 26(2) of MCDR-2017. PMCP report not submitted, violation point out to lessee as per rule 26(2) of MCDR-2017.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals incorporated	No proposals incorporated	

7b Method of grade-wise mineral sorting i.e. manual or mechanical. No proposals incorporated No proposals incorporated

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. No adverse issue observed in this mine regarding Minearls conservation. No adverse issue observed in this mine regarding Minearls conservation.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	No top soil generated during year.
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposals incorporated	Proposals incorporated	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable	No overburden generated during year.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not Applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Base line study done	Base line study done	
8g	Survival rate	50%	50%	
8h	Water sprinkling on roads to control airborne dust	Proposals incorporated for water sprinkling on haul road for dust surpression.	Proposals incorporated for water sprinkling on haul road for dust surpression.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty maintained except some land degradation.	Aesthetic beauty maintained except some 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 and Mine Manager Appointed.	Mining Engineer and Mine Manager Appointed.
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)	Return scrutinized	No minerals reject generated during year. Mining operation was temporarily discontinue from 15.12.2018 to month Nov-2019 .
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 scrutinized	No limestone production year 2018-19. Mining operation was temporarily discontinue from 15.12.2018 to month Nov-2019
9h	Scrutiny of Annual return on fixed assets	Information given	Information given
9k	Scrutiny of Annual return on mining machineries	Information given	Information given

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
MCDR17	Rule 26(2)	31-MAR-20	05-AUG-20	MCDR17	Rule 33	31-MAR-20
MCDR17	Rule 33	31-MAR-20				

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines