

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-26

Mine code : 38HPR10059

- (i) Name of the Inspecting Officer and ID No. : 002) DAMODAR PRASAD SHARMA
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine Official with Designation :
- (iv) Date of Inspection : 25-JAN-20
- (v) Prev. inspection date : 19-JUN-18

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 : 16-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 Plan/Scheme of Mining	:	Existing rule 11 MCDR1988	28-NOV-90
		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	The mining plan for this mine was approved on 08.06.2016 upto the period 2020-21.No exploration proposals are incorporated during plan period.	The mining plan for this mine was approved on 08.06.2016 upto the period 2020-21.No exploration proposals are incorporated during plan period.	
1b	Exploration over lease area for geological axis 1 or 2	G1-1.938407 Millions Tonnes,G-2 0.489038 Million tonnes	G1-1.938407 Millions Tonnes,G-2 0.489038 Million tonnes	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	No exploration was carried out during year 2018-19.
1d	Balance area to be explored to bring Geological axis in 1 or 2	As per proposal there is no balanced are to be covered.	As per proposal there is no balanced are to be covered.	
1e	Balance reserve as on 01/04/20	Under 111 1.9000407 Million Tonnes	Under 111 1.9000407 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	The mining plan for this mine was approved on 08.06.2016 upto the period 2020-21. No exploration proposals are incorporated during plan period.	The mining plan for this mine was approved on 08.06.2016 upto the period 2020-21.No exploration proposals are incorporated during plan period.	The mining plan for this mine was approved on 08.06.2016 upto the period 2020-21.No exploration proposals are incorporated during plan period.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	The development was proposed in two pits.In pit-I by formation benches from 1920mRl to 1914 mRl downwards and Pit-II from 1933 mRl to 1921 mRl by formation 6 mtr heights benches.	Development work was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.	Development work was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not applicable	Not applicable	no overburden present in this mine only small quantity of interburden present.
2c	Stripping ratio or ore to OB ratio	01:00.0	01:00.0	No overburden present in this mine.
2d	Quantity of topsoil generation in m3	No proposal incorporated	No top soil generated during year 2018-19.	No top soil generated during year 2018-19.
2e	Quantity of overburden generation in m3	1800	no overburen generated during year 2018-19.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development work was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.	Development work was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.	Development work was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	As per proposal mining shall be carried out by developing two pit. In pit-I by formation benches from 1920mRl to 1914 mRl downwards and Pit-II from 1933 mRl to 1921 mRl by formation 6 mtr heights benches.	excavation was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.	
3b	Quantity of ROM mineral production proposed	45000 tonnes	34472 tonnes	No excess production is observed.
3c	Recovery of sailable/usable mineral from ROM production	Approximately 95 % recovery from ROM	Approximately 95 % recovery from ROM	
3d	Quantity of mineral reject generation	Not Applicable	Not Applicable	No minerals reject are generated at this mine.
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	No sub-grade minerals reject are generated at this mine.
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	no proposals incorporate	no proposals incorporate	
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	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 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 .	Hydraulic excavators with bucket capacity 0.9 cum using for limestone loading operation and Tata hyva 10 tons 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	Average Height of benches proposed are 6 m . yes	
3m	Total area covered under excavation/pits	2.87 ha during plan period	2.16 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	3.048	3.048

3p	Production of ROM mineral during the last five year period as applicable	2014-15	39060	2014-15	35785	Tonnes
		tonnes		2015-16	38892	Tonnes
		2015-16	41382	2016-17	33815	Tonnes
		Tonnes		2017-18	4625	Tonnes
		2016-17	44380	2018-19	34472	Tonnes
		Tonnes				
		2017-18	45000			
		Tonnes				
		2018-19	45000			
		Tonnes				

3q	General remarks of inspecting officers on method of mining etc.	excavation was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.	excavation was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.	excavation was not carried out as per proposals. Mining operation of this mine suspended on 14.12.2018 due to non-compliance of Rules 11(1) and 27(2) of MCDR-2017.
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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)	No Proposals incorporated for separated dumping. As per proposal hardly 5% of waste shall be generated which shall be used for making parapet walls and retaining walls.	No waste generated during year 2018-19.	
4b	Location of topsoil, OB and mineral reject dumps	No Proposal for separate dumping is incorporated.	No Proposal for separate dumping is incorporated.	
4c	Number of dumps within lease area and outside of lease area	None	None	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposals incorporated for separated dumping.	No Proposals incorporated for separated dumping.	
4e	Number of active and alive dumps.	None	None	
4f	Number of dead dumps.	None	None	
4g	Number of dumps established.	None	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Not Proposed	
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 Proposals incorporated for separated dumping. As per proposal hardly 5% of waste shall be generated which shall be used for making parapet walls and retaining walls.	No Proposals incorporated for separated dumping. As per proposal hardly 5% of waste shall be generated which shall be used for making parapet walls and retaining walls.	No Proposals incorporated for separated dumping. As per proposal hardly 5% of waste shall be generated which shall be used for making parapet walls and retaining walls.

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.	Area yet to matured for reclamation.	Area yet to matured for reclamation.
5b	Area under backfilling of mined out area	Proposals not incorporated.	Not Applicable	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Proposals not incorporated.	No top soil present in this mine.	No top soil present in this mine.
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.No backfilling proposed during the year 2018-19.	Area yet not matured for back filling.No backfilling proposed during the year 2018-19.

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 under 26(2) of MCDR-2017 has not been submitted and violation point out as per rule of 26(2) Of MCDR-2017.	
6b	Area available for rehabilitation (ha) .	Not Applicable	Not Applicable	
6c	afforestation done (ha) .	Not specified	Not specified	
6d	No. of saplings planted during the year	As per proposals 20 Nos Plant	Nil	
6e	Cumulative no .of plants	175 Nos	50 Nos	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	10000 Rs	Nil	

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 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
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 not been submitted and violation point out as per rule of 26(2) Of MCDR-2017.	PMCP report under 26(2) of MCDR-2017 has not been submitted and violation point out as per rule of 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	Proposals incorporated	Proposals incorporated	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
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	There is no problem of mineral conservation at this Mine.	There is no problem of mineral conservation at this Mine.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposals incorporated	No top soil present in this mine.	No top soil present in this mine.
8b	Concurrent use or storage of topsoil	No proposals incorporated	No top soil present in this mine.	No top soil present in this mine.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal for separate dumping is incorporated.	No Proposal for separate dumping is 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)	Not applicable	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Basline study carried out	Basline study carried out	
8g	Survival rate	50 %	50%	
8h	Water sprinkling on roads to control airborne dust	Water sprikling on haul road for dust surpressiion.	Water sprikling on haul road for dust surpressiion.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty is maintained except degradation of land.	Aesthetic beauty is maintained except degradation of land.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Manager: Not Appointed Geologist: not appointed.	Mining operation already suspended for non compliance of rule 11(1) and 27(2) of MCDR-2017.	Mining operation already suspended for non compliance of rule 11(1) and 27(2) of MCDR-2017.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for year 2018-19 not submitted.	Annual return for year 2018-19 not submitted.	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.
9d	Scrutiny of Annual return on afforestation	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.	Monthly returns not submitted on wards Jan-2019 and Annual Returns for year 2018-19 not submitted. Violation point out to lessee as per rules 45(5) (b) and 45(5) © of MCDR-2017.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.	
9h	Scrutiny of Annual return on fixed assets	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.	
9k	Scrutiny of Annual return on mining machineries	Annual Return year 2018-19 not submitted.	Annual Return year 2018-19 not submitted.	

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)	11-MAY-20	MCDR17	Rule 26 (2)	11-MAY-20
MCDR17	Rule 33	11-MAY-20	MCDR17	Rule 33	11-MAY-20
MCDR17	Rule 45 (5) (k)	11-MAY-20	MCDR17	Rule 45 (5) (k)	11-MAY-20
MCDR17	Rule 45 (5) (c)	11-MAY-20	MCDR17	Rule 45 (5) (c)	11-MAY-20

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines