

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-25

Mine code : 38HPR10061

- (i) Name of the Inspecting Officer and ID No. : 002) DAMODAR PRASAD SHARMA
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine Official with Designation : Shri Ashok Tomar, Owner's Representative
- (iv) Date of Inspection : 24-JAN-20
- (v) Prev. inspection date : 19-JUN-18

PART-I : GENERAL INFORMATION

- (a) Mine Name : BHIMGODA
- (b) Registration NO. :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : HIMACHAL PRADESH
District : SIRMUR
Village : BAGANDHAR
Taluka : PAONTA SAHEB
Post office : KAMRAOO
Pin Code : 173029
FAX No. : (01704) 222823
E-mail : NA
Phone : (01704) 222823
- (f) Police Station : PAONTA SAHIB
- (g) First opening date : 01-AUG-85
- (h) Weekly day of rest : SUN
- Address for correspondence : SMT. SATYA TOMAR
TARUWALA, RAJBAN ROAD
PAONTA SAHIB, SIRMOUR (H.P)

- (a) Lease Number : HPR0065
- (b) Lease area : 8.55
- (c) Period of lease : 50
- (d) Date of Expiry : 06-JUL-34

Mineral worked : LIMESTONE Main

5. Name and Address of the
 Lessee : SMT. SATYA TOMAR
 W/O LATE.DHRAM SINGH TOMAR
 V.P.O TARUWALA TEHSIL PONTA
 SAHIB SIRMUR HIMACHAL
 PRADESH
 Phone:
 FAX :
- Owner : SMT. SATYA TOMAR
 SIRMUR HIMACHAL PRADESH
 Phone:
 FAX :
- Agent : Smt. Satya Devi Tomar
 Village- Taruwala Rajban
 Road P. O. - Paonta Sahib
 SIRMUR HIMACHAL PRADESH
 Phone:
 FAX :
6. Date of approval of Mining
 Plan/Scheme of Mining : Mining Scheme rule 12 MCDR1988 26-MAR-99
 Renewal under rule 22 MCR1960 28-FEB-05
 Mining Scheme rule 12 MCDR1988 12-SEP-11

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	01 DTH bore holes proposed previous year 2017-18	Exploration was not carried out .	Exploration was not carried out .
1b	Exploration over lease area for geological axis 1 or 2	As per approve mining plan 7.44 hectares of area has been covered under G-1 exploration .	As per approve mining plan 7.44 hectares of area has been covered under G-1 exploration .	
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	Reserve under 111 4.75 Million Tonnes	Reserve under 111 4.75 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	02 DTH bore holes proposed during year 2018-19. Exploration not carried out as per proposal during year 2018-19. violation point out as per Rule 11(1) of MCDR-2017.	02 DTH bore holes proposed during year 2018-19. Exploration not carried out as per proposal during year 2018-19. violation point out as per Rule 11(1) of MCDR-2017.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	As per approved modified mining plan, the mining shall be carried out from top to downwards by formation of benches at 1994 mRL to 1970 mRL with height of benches six meters each in pit-1 and 1922 mRL to 1910 mRL in Pit-02.	As per approved modified mining plan, the mining shall be carried out from top to downwards by formation of benches at 1994 mRL to 1970 mRL with height of benches six meters each in pit-1 and 1922 mRL to 1910 mRL in Pit-02. Development of Pit at earmarked place but height of the benches observed more than proposed height.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable	Not Applicable	
2c	Stripping ratio or ore to OB ratio	01:00.0	01:00.0	
2d	Quantity of topsoil generation in m3	Not Applicable	Not Applicable	no top soil present in this mine only interburden present in this mine.
2e	Quantity of overburden generation in m3	3960 m3 quantity of Interburden proposed.	During year 2018-19, No Significant quantity of overbuden generated.	During year 2018-19, No Significant quantity of overbuden generated.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development of Pit at earmarked place but height of the benches observed more than proposed height. Violation point out as per Rule 11(1) of MCDR-2017.	Development of Pit at earmarked place but height of the benches observed more than proposed height. Violation point out as per Rule 11(1) of MCDR-2017.	Development of Pit at earmarked place but height of the benches observed more than proposed height. Violation point out as per Rule 11(1) of MCDR-2017.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	99000 Tonnes of ROM Limestone Production Proposed.	During Year 2018-19 59341.02 Tonnes limestone production .	No excess production observed
3c	Recovery of sailable/usable mineral from ROM production	95 % recovery from ROM	95 % recovery from ROM	5% interbured waste interbedded shale generated.
3d	Quantity of mineral reject generation	Not Applicable	Not Applicable	No Mineral reject present in 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 mineral generated in this mine.
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.	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.	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 Tata hyva 10 tonnes tippers used for transportation 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 Tata hyva 10 tonnes tippers used for transportation 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 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	Average Height of benches proposed are 6 m . yes	Benches height observed 10 mtr, violation point out to lessee.	
3m	Total area covered under excavation/pits	2.735 ha	2.1625 ha area covered under excavation.	
3n	Ore to OB ratio for the pit/mine during the year.	01:00.0	01:00.0	
3o	Total area put in use under different heads at the end of year	3.333 ha during the plan period.	3.333 ha during the plan period.	
3p	Production of ROM mineral during the last five year period as applicable	Year 2014-15 60000 Tonnes Year 2015-16 60000 Tonnes Year 2017-18 52560 Tonnes Year 2018-19 99000 Tonnes	Year 2014-15 0 Tonnes Year 2015-16 0 Tonnes Year 2017-18 43633 Tonnes Year 2018-19 59341.02 Tonnes.	No excess production observed .
3q	General remarks of inspecting officers on method of mining etc.	Method of working suitable as per deposit condtion.	Method of working suitable as per deposit condtion.	

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)	Not Applicable	Not Applicable	No top soil and mineral reject present in this mine.
4b	Location of topsoil, OB and mineral reject dumps	Interburden dump Towards south western flank of lease area over non minerliased ground.	Interburden dump Towards south western flank of lease area over non minerliased ground.	No overburedn ,top soil and mineral reject present in this mine. only small quantity interburden generate during operation.
4c	Number of dumps within lease area and outside of lease area	1 Active Dump	1 Active Dump observed.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Towards south western flank of lease area over non minerliased ground.	Dumping is carried out at earmarked place.	
4e	Number of active and alive dumps.	1 Active Dump	1 Active Dump	
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.	yet to be erected	yet to be erected	
4i	Length of Retaining wall or garland drain all along dumps	Not quantified	Not quantified	
4j	Number of settling ponds	None	None	
4k	Specific comments of inspecting officer on waste dump management	no top soil present in this mine only interburden present in this mine. Interburden dumping is carried out at earmarked place.	no top soil present in this mine only interburden present in this mine. Interburden dumping is carried out at earmarked place.	no top soil present in this mine only interburden present in this mine. Interburden dumping is carried out at earmarked place.

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 not incorporated.	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)	No proposals	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.	No backfilling proposed during the year 2018-19.	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	PMCP report submitted for year 2018-19.
6b	Area available for rehabilitation (ha) .	0.091	0.089	
6c	afforestation done (ha) .	done	done	
6d	No. of saplings planted during the year	90 Nos	100 Nos	
6e	Cumulative no .of plants	400 Nos	400 Nos	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	

6g	Cost incurred on watch and care during the year	3000 Rs	10000 Rs
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x 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

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	Mointored
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	Propasals	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	There is no problem of mineral conservation at this Mine.	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
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	No top soil present in this mine .
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal for separate dumping is incorporated.	Proposal for separate dumping is incorporated.	No overburden genertated in year 2018-19.
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)	Baseline information study done.	Baseline information study done.	
8g	Survival rate	60 to 70 % surrival rate	60 to 70 % surrival rate	
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul road for dust surpression.	water sprinkling on haul road for dust surpression.	
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	All Monthly and Annual Return Submitted for year 2018-19.	All Monthly and Annual Return Submitted for year 2018-19.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Mine Manager appointed. Geologist not appointed.	Mining Manager:Mr. Kedarshwar Mishra Mining Engineer : Mr.Kedarshwar Mishra	Geologist not appointed, violation point out to lessee as per rule of 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)	Not Applicable	Not Applicable	No mineral reject present in this mine.
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 for Ex. Mine price and cost of production.	Return scrutinized for Ex. Mine price and cost of production.	
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 cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	11-MAR-20	MCDR17	Rule 11(1)	11-MAR-20
MCDR17	Rule 35(2)	11-MAR-20	MCDR17	Rule 35(2)	11-MAR-20
Rule 55		11-MAR-20	Rule 55		11-MAR-20

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines