

INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-36

Mine code : 38HPR10060

- (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. Sohan Singh, Mine Manager
(iv) Date of Inspection : 18/11/2019
(v) Prev.inspection date : 27/02/2017

PART-I : GENERAL INFORMATION

1. (a) Mine Name : PAMTA
(b) Registration NO. :
(c) Category : A Other than Fully Mech.
(d) Type of Working : Opencast
(e) Postal address :
State : HIMACHAL PRADESH
District : SIRMUR
Village : PAMTA
Taluka : PONTASAHIB
Post office : SHAWGA
Pin Code : 176617
FAX No. :
E-mail : ajaypurkayastha@yahoo.com
Phone : 01704262458,09418475799
(f) Police Station : PAONTA AHIB
(g) First opening date : 01/03/1987
(h) Weekly day of rest : SUN
2. Address for correspondance : SMT. SAVITA CHAUHAN
1766/ 7, SHAMSHER GANJ
NAHAN (H.P.)
3. (a) Lease Number : HPR0016
(b) Lease area : 2
(c) Period of lease : 20
(d) Date of Expiry : 16/05/2005
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SMT.SAVITA CHAUHAN
 1766/7 SHAMSHER GANJ NAHAN
 SIRMUR HIMACHAL PRADESH
 Phone:
 FAX :

Owner : SMT. SAVITA CHAUHAN
 SMT. SAVITA CHAUHAN 2712
 SHAMSHER GANJ NAHAN (H.P.)
 SIRMUR HIMACHAL PRADESH
 Phone:
 FAX :

Mining Engineer

Name : V. K. TEWARI, Full Time
 Qualification : B.A., FOREMAN CERTIFICATE
 Appointment/ : 11/12/1998 01/01/2011
 Termination date

Manager

Name : Ajay Purkaystha
 Qualification : FOREMAN CERTIFICATE HOLDER
 Appointment/ : 15/01/2015
 Termination date

6. Date of approval of Mining : Existing rule 11 MCDR1988 15/10/1993
 Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 27/08/1999
 Renewal under rule 22 MCR1960 06/07/2005

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposal incorporated for year 2017-18.	No exploration proposal incorporated for year 2017-18.	
1b	Exploration over lease area for geological axis 1 or 2	G-1 0.903687 Million Tonnes, G-2 0.28424 Million Tonnes, G-3 Nil, G-4 Nil	G-1 0.903687 Million Tonnes, G-2 0.28424 Million Tonnes, G-3 Nil, G-4 Nil	
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	No proposals incorporated.	No proposals incorporated.	
1e	Balance reserve as on 01/04/20	Reserve 111 0.902538 Million Tonnes Reserve 121&122 0.28424 Million Tonnes	Reserve 111 0.902538 Million Tonnes Reserve 121&122 0.28424 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	No exploration was proposed during the year 2018-19.	No exploration was proposed during the year 2018-19.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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- 2a Location of development w.r.t. lease area As per proposal during the year 2018-19 it was proposed to developed the bench of 6 mtr from 1205 mRL to 1193 mRL. During the inspection it was observed the bench height was more than 10 mtrs with vertical for wchich violation under rule 11(1) point out. the mine is not operation since oct-2015 to Mar-2019 due to statutory orders.
- 2b Separate benches in topsoil, overburden and minerals (Rule 15) No seperated benches are proposed as little quantity of waste and soil shall be generated during year 2018-19. No seperated benches are proposed as little quantity of waste and soil shall be generated during year 2018-19.
- 2c Stripping ratio or ore to OB ratio 01 is to 0.026 01 is to 0.026
- 2d Quantity of topsoil generation in m3 small quantiities of top soil generated wchich used for plantation purpose. small quantiities of soil generated wchich used for plantation purpose.

2e	Quantity of overburden generation in m3	1500 cum	Nil	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development of the mine was not carried out as proposals.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development of the mine was not carried out as proposals.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development of the mine was not carried out as proposals.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development of the mine was not carried out as proposals.

Exploitation:

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

3b	Quantity of ROM mineral production proposed	60000 Tonnes During year 2018-19	1149.40 Tonnes ROM production during year 2018.19.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development and production of the mine was not carried out as proposals.
3c	Recovery of sailable/usable mineral from ROM production	As per proposal recovery has taken 95%.	As per proposal recovery has taken 95%.	5% interburden waste shale generated. which is used for making parapet wall & Maintaniance of haul road.
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 present 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. Jack hammer drill machine with dia 33 mm using for drilling operation. Blasting operation carried out with using AN and safety fuse.	yes. Jack hammer drill machine with dia 33 mm using for drilling operation. Blasting operation carried out with using AN and safety fuse.
3k	Provision of mining machineries in mineral benches	Yes, L&T hydraulic excavator with 0.9 cum bucket capacity for limestone loading operation.	Yes, L&T hydraulic excavator with 0.9 cum bucket capacity using for limestone loading operation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Heigh of benches is 6 mtrs proposed.	Height of benches observed more than proposed height. Violation point out under rule 11(1) of MCDR-2017.
3m	Total area covered under excavation/pits	0.6 ha	0.6 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:00	1:00
3o	Total area put in use under different heads at the end of year	1.701 ha during plan period.	1.701 ha during plan period.

3p	Production of ROM mineral during the last five year period as applicable	Year 2015-16	Year 2015-16 Nil	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason production of the mine was not carried out as proposals.
		60000 Tonnes	Tonnes	
		Year 2016-17	Year 2016-17 Nil	
		60000 Tonnes	Tonnes	
		Year 2017-18	Year 2017-18 Nil	
		60000 Tonnes	Tonnes	
		Year 2018-19	Year 2018-19 1149.4	
		60000 Tonnes	Tonnes	

3q	General remarks of inspecting officers on method of mining etc.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development of the mine was not carried out as proposals.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders. Due to this reason development of the mine was not carried out as proposals.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not applicable	Not applicable	small quantites of top soil generated wchich used for planation purpose.

4b	Location of topsoil, OB and mineral reject dumps	Proposals are not incorporated in the scheme of mining, as per proposals little quantity of waste shall be generated which shall be used for making parapet walls and retaining walls.	Proposals are not incorporated in the scheme of mining, as per proposals little quantity of waste shall be generated which shall be used for making parapet walls and retaining walls.	Proposals are not incorporated in the scheme of mining, as per proposals little quantity of waste shall be generated which shall be used for making parapet walls and retaining walls.
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)	Not applicable	Not applicable	
4e	Number of active and alive dumps.	None	None	
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.	Proposals are not incorporated in the scheme of mining.	Proposals are not incorporated in the scheme of mining.	
4i	Length of Retaining wall or garland drain all along dumps	Proposals are not incorporated in the scheme of mining.	Proposals are not incorporated in the scheme of mining.	
4j	Number of settling ponds	Nil	Nil	

4k	Specific comments of inspecting officer on waste dump management	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders.Due to this reason development of the mine was not carried out as proposals.and no over burden generated during year 2018-19.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders(want to environment clarence) .Due to this reason development of the mine was not carried out as proposals.and no over burden generated during year 2018-19.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders(want to environment clarence) .Due to this reason development of the mine was not carried out as proposals.and no over burden generated during year 2018-19.
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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.	Not Applicable	Not Applicable	
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 plantation purpose.	Small quantity of Top Soil generated which used for plantation purpose.	
5d	Total area fully reclaimed and rehabilitated	Not Applicable	Not Applicable	Area yet to not matured for back filling.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposals incorporated in the scheme of mining.	No proposals incorporated in the scheme of mining.	No proposals incorporated in the scheme of mining.Area yet to not matured for reclamation.

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).	PMCP report of year 2018-19 not received, violation point out under rule 26(2) of MCDR-2017.	PMCP report of year 2018-19 not received, violation point out under rule 26(2) of MCDR-2017.	
6b	Area available for rehabilitation (ha) .	0.074 ha	rehabilitation was not carried out.	the mine is not operation since oct-2015 to Mar-2019 due to statutory orders.
6c	afforestation done (ha).	0.02	afforestation was not carried out.	
6d	No. of saplings planted during the year	34.0	40	
6e	Cumulative no .of plants	200 Nos	200 Nos	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	1000 Rs	1000 Rs	
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)Afforestati 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	Monitored	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP report of year 2018-19 not submitted, violation point out under rule 26(2) of MCDR 2017.	PMCP report of year 2018-19 not submitted, violation point out under rule 26(2) of MCDR 2017.	PMCP report of year 2018-19 not submitted, violation point out under 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 grade-wise sorting proposed within lease area.	No grade-wise sorting proposed within lease area.	No grade-wise sorting proposed within lease area.
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	As such no adverse issues observed with regard to mineral conservation at this mine.	As such no adverse issues observed with regard to mineral conservation at this mine.	As such no adverse issues observed with regard to mineral conservation at this mine.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Small quantity of topsoil generate which use for plantation purpose.	Small quantity of topsoil generate which use for plantation purpose.	
8b	Concurrent use or storage of topsoil	Small quantity of topsoil generate which use for plantation purpose.	Small quantity of topsoil generate which use for plantation purpose.	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal incorporated in the scheme of Mining.	No proposal incorporated in the scheme of Mining.
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 information provided.	Basline information provided.
8g	Survival rate	60 % to 70 % Survival rate of plantation	60 % to 70 % Survival rate of plantation
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	Area is on slope of hill. Except excavation, rest of area is green and moderate.	Area is on slope of hill. Except excavation, rest of area is green and moderate.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	All the returns are being submitted regularly .Annual return for the year 2018-19 has been submitted.	All the returns are being submitted regularly .Annual return for the year 2018-19 has been submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Manager Appointed.	Mining Engineer and 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)	Information given.	Information given.	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	Information given.	Information given.	
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)	01/01/2020				
MCDR17 Rule 11(4)	01/01/2020				
MCDR17 Rule 26(2)	01/01/2020				
MCDR17 Rule 54(a)	01/01/2020				

Date : 16-07-2020


16-07-2020
(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines