

**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 : **S038**) **SHAILENDRA SAKLANI**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : **SHRI AJAY PURKAYSTHA, MINE MANAGER**
Official with
Designation
- (iv) Date of Inspection : 27/02/2017
- (v) Prev.inspection date : 19/11/2015

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 : SMT. SAVITA CHAUHAN
correspondance : 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 proposals were incorporated during the year 2015-16	None	
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposals are incorporated for the next ensuing five years. The scheme of mining for this mine was approved on 24.09.2015.	The mine is not in operation since October 2015 due to dispute and the matter is subjudice at present.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals are incorporated in the scheme of mining for exploration.	None.	
1e	Balance reserve as on 01/04/20	As per approved scheme of mining a total of 0.903687 million tons of limestone has been kept under 111 category, 0.2424 million tonnes under 122 category, 0.489964 under 211 category and 0.169575 million tonnes under 222 category.	The scheme of mining for this mine was approved on 24.09.2015 incorporating the proposals for the year 2015-16 to 2019-20. During the year 2015-16 the mine worked upto October 2015 reporting production of 19288 tonnes of limestone mineral Thus the balance reserves is left to the tune of 0.884399 million tonnes under 111 category.	

1f	General remarks of inspecting officers on geology, exploration etc	The mine is not in operation since October 2015 due to statutory orders.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	As per proposals during the year 2015-16 it was proposed to develop the bench of 6m height from 1217mrl to 1211 mrl.	During the inspection it was observed that bench height was more than 10 mtrs with vertical and irregular face for which violation of the then rule 13(1) was pointed out to lessee. The party replied that in connection with a writ petition no. 4462/2015 the mining activities has to be suspended and the mine is not in operation since October 2015 and therefore rectification measures could not be taken up.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No separate benches are proposed as little quantity of waste and soil shall be generated during the plan period.	During the year 2015-16 the mine worked upto october 2015. Approximately 500 cum of waste comprising of dolomitic boulders were generated which were used for maintainance of approach road and few parapet walls towards southern side of the lease.	
2c	Stripping ratio or ore to OB ratio	1:0.026 for the year 2015-16.	The same could not be estimated as the mine did not work after October 2015 onwards.	
2d	Quantity of topsoil generation in m3	As per proposals 78cum of top soil shall be generated during the year 2015-16	The mine worked upto 2015 for the year 2015-16 and insignificant quantity of top was generated during the year 2015-16.	

2e	Quantity of overburden generation in m3	As per proposals during the year 2015-16 approximately 1500 cum of waste shall be generated.	Hardly 500cum of waste was generated during the year 2015-16.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		The mine worked upto October 2015 and since then mine is lying closed as the matter is subjudice.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	As per proposals only one pit is proposed for production	The mine worked upto October 2015 and that time mining operatiios were carried out in a single pit.	
3b	Quantity of ROM mineral production proposed	As per proposals 57000 tonnes of mineral limestone was proposed for extraction during the year 2015-16.	Against this target a total of 19288 tonnes of limestone was produced.	
3c	Recovery of sailable/usable mineral from ROM production	As per proposals recovery has taken as 95%.	More or less recovery is 95%.	
3d	Quantity of mineral reject generation	No mineral rejects are anticipated to be generated.	no mineral rejects are generated from the mine.	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Not applicable	
3f	Quantity of sub grade mineral generation.	No sub grade mineral quantity is proposed to be generated	None	
3g	Grade of sub grade mineral generation	Not applicable	Not applicable	

3h	Manual / Mechanised method adopted for segregating from ROM	Manual	manual
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	It is not proposed	It is not proposed
3j	Provision of drilling and blasting in mineral benches	Provision has been made in the scheme of mining.	Mine is not in operation at present.
3k	Provision of mining machineries in mineral benches	Provision has been made in the scheme of mining.	Mine is not in operation at present.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Provision has been made in the scheme of mining.	Mine is not in operation at present.
3m	Total area covered under excavation/pits	As per approved scheme of mining 1.62 hectares of area is proposed under excavation for the ensuing five years.	Mine is not in operation at present.
3n	Ore to OB ratio for the pit/mine during the year.	Stripping ration is proposed as 1:0.026	Mine is not in operation at present.
3o	Total area put in use under different heads at the end of year	As per approved scheme of mining 1.701 hectares of area is proposed to be put in use for the ensuing five years.	Mine is not in operation at present.

3p	Production of ROM mineral during the last five year period as applicable	Proposed- 2011-12- NIL, 2012-13-20051 tonnes, 2013-14-25073 tonnes, 2014-15-30039 tonnes, 2015-16-57000 tonnes	Actual- NIL NIL NIL 19288	2011-12- NIL 2012-13- 2013-14- 2014-15- 2015-16-	
3q	General remarks of inspecting officers on method of mining etc.				Mine is not in operation at present

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	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.	Mine is not in operation since last one and half year.	
4b	Location of topsoil, OB and mineral reject dumps	The same is not incorporated in the scheme of mining.	Mine is not in operation since last one and half year.	
4c	Number of dumps within lease area and outside of lease area	Not porposed	None	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Proposals are not incorporated in the scheme of mining.	Mine is not in operation since last one and half year.	
4e	Number of active and alive dumps.	None	none	
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.	Proposals are not incorporated in the scheme of mining.	None	
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			Mine is not in operation at present

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 as the area is not yet matured for backfilling.	Area is not yet matured	
5b	Area under backfilling of mined out area	Not applicable as the area is not yet matured for backfilling.	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	As per proposals insignificant quantity of top soil shall be generated	Mine is not in operation at present.	
5d	Total area fully reclaimed and rehabilitated	Not applicable	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine is not in operation at present.

Progressive Mine Clousre Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Proposals are incorporated in the scheme of mining.	Mine is not in operation at present.	
6b	Area available for rehabilitation (ha) .	Not applicable	Not applicable	
6c	afforestation done (ha).	Afforestation proposals are incorporated in the scheme of mining.	Mine is not in operation at present.	
6d	No. of saplings planted during the year	During the year 2015-16 proposals for 20 saplings are incorporated to be planted.	Mine is not in operation at present.	
6e	Cumulative no .of plants	100 saplings are proposed to be planted during the ensuing five years.	Approximately 20 to 25 sapling were planted in the past.	
6f	Any other method of rehabilitation	None	None	
6g	Cost incurred on watch and care during the year	Rs. 10000 are proposed on cost including watch and care.	Mine is not in operation at present.	
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	Proposals are not incorporated	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Proposals are not incorporated	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Proposals are not incorporated	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Proposals are not incorporated	Not applicable
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Proposals are not incorporated	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Proposals are not incorporated	Not applicable

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Mineral dispatch proposals are incorporated in the scheme of mining.	Mine is not in operation at present.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	

7c	Different grade of mineral sorted out at mines.	Sorting at the stackyard	Mine is not in operation at present.	
7d	Any beneficiation process at mines	None at present	None.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine is not in operation at present.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposals are not incorporated.	Mine is not in operation at present.	
8b	Concurrent use or storage of topsoil	Cocurrent use of top soil are proposed for plantation purposes.	Mine is not in operation at present.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Prposals are not incorporated.	Mine is not in operation at present.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	As per proposals waste shall be utilised for the construction of parapet walls etc	Mine is not in operation at present.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposals for plantation and wire crated walls are incorporated to check siltation into nallah.	Mine is not in operation at present.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	During the plan period plantation of 100 saplings are proposed to be planted. Expenditure is also proposed on post plantation care.	Mine is not in operation at present.
8g	Survival rate	Proposals not incorporated.	It is around 40 to 50%.
8h	Water sprinkling on roads to control airborne dust	Proposals are not incorporated.	Mine is not in operation at present.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Mine is not in operation at present.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns and annual return are not being submitted regularly.	Monthly returns have not been submitted since December 2015. Annual return has not been received for the year 2015-16.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the year 2015-16 has not been submitted for the year 2015-16.	Annual return for the year 2015-16 has not been submitted for the year 2015-16. Follow up action shall be taken up in this regard.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for the year 2015-16 has not been submitted for the year 2015-16. Follow up action shall be taken up in this regard.	Follow up action shall be taken up in this regard.	

9d	Scrutiny of Annual return on afforestation	Annual return for the year 2015-16 has not been submitted for the year 2015-16. Follow up action shall be taken up in this regard.	Follow up action shall be taken up in this regard.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual return for the year 2015-16 has not been submitted for the year 2015-16.	Follow up action shall be taken up in this regard.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return for the year 2015-16 has not been submitted for the year 2015-16	Annual return for the year 2015-16 has not been submitted for the year 2015-16
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return for the year 2015-16 has not been submitted for the year 2015-16	Annual return for the year 2015-16 has not been submitted for the year 2015-16
9h	Scrutiny of Annual return on fixed assets	Annual return for the year 2015-16 has not been submitted for the year 2015-16	Annual return for the year 2015-16 has not been submitted for the year 2015-16
9k	Scrutiny of Annual return on mining machineries		

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

Date :

(**SHAIENDRA SAKLANI**)

Indian Bureau of Mines