

**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 : 002) DAMODAR PRASAD SHARMA
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Raghuvir Singh , Owner Representative
Official with
Designation
- (iv) Date of Inspection : 29-MAY-23
- (v) Prev.inspection date : 27-FEB-22

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-MAR-87
- (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-MAY-05
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-DEC-98 01-JAN-11
 Termination date

Manager

Name : Ajay Purkaystha
 Qualification : FOREMAN CERTIFICATE HOLDER
 Appointment/ : 15-JAN-15
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	15-OCT-93
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	27-AUG-99
		Renewal under rule 22 MCR1960	06-JUL-05

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	03 bore holes	No exploration was carried out during the year 2022-23, Mine was under suspension since 03.07.2022.	
1b	Exploration over lease area for geological axis 1 or 2	No Bore hole proposed during 2022-2023.	No exploration was carried out during the year 2022-23, Mine was under suspension.	
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	Entire lease area is covered under G1 / G2 level of exploration.	Level of exploration G1= 2.72ha. Shale area is considered to be under G2- 0.38 ha.	
1e	Balance reserve as on 01/04/20	As on 1.4.2020- Reserves- 0.338 Million Tonnes Resource - 1.458 Million Tonnes Total Tonnes- 1.79 Million tonne	Depletion-1253 T. Balance Reserves 0.338 Million Tonnes Resource 1.458 Million Tonnes Total Tonnes- 1.79 Million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	No exploration was carried out during year 2022-23. Mine was under suspension since 03.07.2022.	No exploration was carried out during year 2022-23. Mine was under suspension since 03.07.2022.	

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development was proposed towards Southern side of lease area from 1400 mRL to 1376 mRL with height of benches six meters.	No new area has been developed in 2022-23.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposals incorporated	Not Applicable	
2c	Stripping ratio or ore to OB ratio	1:0.026	No overbuden generated during year 2022-23.	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No development work was carried out during the year 2022-23, Mine was under suspension since 03.07.2022..	No development work was carried out during the year 2022-23, Mine was under suspension since 03.07.2022..	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	60000 Tonnes	No ROM generated during year 2022-23..	

3c	Recovery of sailable/usable mineral from ROM production	99% recovery from ROM	No Production during the year 2022-23.
3d	Quantity of mineral reject generation	600 Tonnes	No Minerals generated during the year 2022-23.
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
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals are incorporated.	Not Applicable
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Beneficiation Study Proposed in this mine.	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Yes, Drilling operation was proposed by Jack hammer drilling and Blasting operation was proposed by ANFO/ Ordinaru detonator/ safety fuse.	No Mining operation reported in 2022-23..

3k	Provision of mining machineries in mineral benches	Mechanised loading and transportation proposed using 9T tipper and 0.9 cu m bucket capacity excavator.	Mine was under suspension since 03.07.2022..
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m bench height was proposed	Mine was under suspension since 03.07.2022..
3m	Total area covered under excavation/pits	1.976 ha under mining and 0.042 under road was proposed at the end of five years block period	Almost 1.66 ha. Under mining and 0.22 ha in roads same area is under excavation as no new degradation has been done
3n	Ore to OB ratio for the pit/mine during the year.	1:0.026	1:00
3o	Total area put in use under different heads at the end of year	2.026 ha at the end of five years block period	Almost 1.66 ha. Under mining and 0.22 ha in roads same area is under excavation as no new degradation has been done.
3p	Production of ROM mineral during the last five year period as applicable	2019-20-60000 Tonnes 2020-21-22706 Tonnes 2021-22-60000 Tonnes 2022-23 60000 Tonnes	2019-20- 19710.40 Tonnes 2020-21-1253 Tonnes 2021-22- Nil 2022-23 Nil
3q	General remarks of inspecting officers on method of mining etc.	No Production was carried out during the year 2022-23, Mine was under suspension since 03.07.2022..	No Production was carried out during the year 2022-23, Mine was under suspension since 03.07.2022..

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	Calcareous material has been dumped along the slopes near coordinate 30 35 38.8 and 77 42 26.4.	
4b	Location of topsoil, OB and mineral reject dumps	No proposals are incorporated	Insignificantly/ NIL quantity of topsoil & Over burden generation reported during year 2022-23	
4c	Number of dumps within lease area and outside of lease area	No proposals are incorporated	Some waste material found duped along slope side of the lease, protective works such as parapet walls, cheack dam erected for prevent of spillage material.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	As per proposals dumping was not proposed	Preventive measures taken for dump stability, Retaining and Parapet constructed along the Dump	
4e	Number of active and alive dumps.	Not Proposed	Not Proposed	
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.	Retaining wall proposed as a condition of approval of mining plan	Retaining wall constructed.	
4i	Length of Retaining wall or garland drain all along dumps	134 meter	As per proposals.	
4j	Number of settling ponds	None	None	

4k	Specific comments of inspecting officer on waste dump management	Preventive measures taken for prevent spillage material which was dumped slope side of the lease, stability, Retaining constructed along the Dump.	Preventive measures taken for prevent spillage material wchich was dumped slope side of the lease, stability, Retaining constructed along the Dump.
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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.	No proposals for backfilling in year 2022-23.	Not applicable	
5b	Area under backfilling of mined out area	No proposals are incorporated	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals are incorporated	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	No proposals are incorporated	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
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Submitted	Submitted
6b	Area available for rehabilitation (ha) .	No proposals incorporated	No Applicable
6c	afforestation done (ha) .	0.046 ha	0.05 ha
6d	No. of saplings planted during the year	35	35
6e	Cumulative no .of plants	200	180
6f	Any other method of rehabilitation	Not Applicable	Not Applicable
6g	Cost incurred on watch and care during the year	10000	5000
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
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)	Proposed	Monitored.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals incorporated,	No production undertaken in 2022-23.	

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.	Grade wise sorting is not proposed.	Grade wise sorting is not proposed.
7d	Any beneficiation process at mines .	Not Proposed	Not Applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	All ROM Sell into the Market	All ROM Sell into the Market

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposed	No top soil generation proposed	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals incorporated	However the dumps have been seen along the slopes below the bottommost bench.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not Proposed	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals incorporated	Not Applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2022-23 Sapling 0.04 ha	Plantation was done.
8g	Survival rate	60 to 70%	Reportedly around 60%
8h	Water sprinkling on roads to control airborne dust	Water Sprinkling on haul road for dust suppression in mine	Water Sprinkling on haul road for dust suppression is reportedly done during mine operation. However the mine is not working at present.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty mainained except land degradation.	Aesthetic beauty mainained except land degradation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual Retrun Submitted.	Monthly and Annual Retrun Submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer appointed.	Mining Engineer 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)	No Mineral reject generated during year 2022-23.	No Mineral reject generated during year 2022-23.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No production Reported during the year 2022-23.	No production Reported during the year 2022-23.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No production Reported during the year 2022-23.	No production Reported during the year 2022-23.
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

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines