

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-25

**Mine code :** 38HPR10061

- (i) Name of the Inspecting : 004 ) Mukesh Kumar Sharma  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 20-JUL-22
- (v) Prev.inspection date : 09-NOV-21

**PART-I : GENERAL INFORMATION**

1. (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
2. **Address for** : SMT. SATYA TOMAR  
**correspondance** TARUWALA, RAJBAN ROAD  
PAONTA SAHIB, SIRMOUR(H.P)
3. (a) **Lease Number** : HPR0065
- (b) **Lease area** : 8.5
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 06-JUL-34
4. **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	:	Mining Scheme rule 12 MCDR1988	26-MAR-99
Plan/Scheme of Mining	:	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	Nil	NA	
1b	Exploration over lease area for geological axis 1 or 2	2021-22-5 Boreholes proposed	Lessee has submitted test report of 5 Bore holes during the year 2021-22 but form J is not submitted.	Lessee has submitted test report of 5 Bore holes during the year 2021-22 but form J is not submitted.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area Under G1- 3.57 hectare Area under G2 - 4.92 hectare	Area Under G1- 3.57 hectare Area under G2 - 4.92 hectare	
1e	Balance reserve as on 01/04/20	As on 18.10.2021 Reserves- 4.116413 million tonnes Resources- 3.794925 million tonnes Total- 7.911338 million tonnes	As on 31.03.2022 Reserves-4.058412 million tonnes Resources-3.794925 million tonnes Total- 7.853337 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Exploration was carried out as per proposal during year 2021-22.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Development was proposed towards North to East side of lease area from 2042 mRL to 2025 mRL with height of benches 6 meters	Development work / mining operation were carried out at proposed place.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Development proposed in mineralised area only.	Benches are in mineral only.
2c	Stripping ratio or ore to OB ratio	1:0	Mining operation are in mineralised land at present.
2d	Quantity of topsoil generation in m3	No proposals are incorporated	2021-22- Nil
2e	Quantity of overburden generation in m3	No such proposals is incorporated	2021-22- Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Development work was carried out at proposed place but height of the benches observed more than proposal. Violation pointed out to lessee as per rule 11(1) of MCDR 2017

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	As per proposal, 2 pits were proposed for production	Observed as per proposal	
3b	Quantity of ROM mineral production proposed	ROM proposed during 2021-22 is 60000 tonne	Total production during 2021-22 is 58001 .8 Tonne	
3c	Recovery of sailable/usable mineral from ROM production	95% recovery from ROM	Entire ROM is saleable	

3d	Quantity of mineral reject generation	No proposals is incorporated	No significant mineral reject in this mine is being generated.
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	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	Proposals given	Deployed as per proposal
3k	Provision of mining machineries in mineral benches	Proposals given	Deployed as per proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed in mineral bench Average Height of benches proposed is 6m.	Bench height has been observed more than the proposed height for which, Violation has been pointed out to lessee under rule 11(1) of MCDR 2017 for immediate rectification.
3m	Total area covered under excavation/pits	3.5706	Broadly as per the proposals
3n	Ore to OB ratio for the pit/mine during the year.	1:00	More or less it is 1:00
3o	Total area put in use under different heads at the end of year	3.8665	Within the limit, As incorporated in the mining plan.

3p	Production of ROM mineral during the last five year period as applicable	2017-18-52560 Tonnes 2018-19-99000 Tonnes 2019-20-102375 Tonnes 2020-21-117555 Tonnes 2021-22-60000 Tonnes	2017-18-46633 Tonnes 2018-19- 59341 Tonnes 2019-20- 48329.60 Tonnes 2020-21-57284.05Tonnes 2021-22-58001.8 Tonne	
3q	General remarks of inspecting officers on method of mining etc.			Mining plan was approved on 18-10-2021. During the inspection it was observed that proposed development works has been carried out at the earmarked places. However, heights of the benches were not maintained as per proposal for which violation of deviation has been pointed out to the lessee.

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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)	Dump proposed within lease area, Dumping was proposed towards western flank of lease area.	Separate dumping of waste has been carried out as per proposal	
4b	Location of topsoil, OB and mineral reject dumps	Proposal for separate dumping is incorporated	OB dump is found at separate location as per proposal towards modified mining plan of the lease boundary. Top soil and mineral reject was generated insignificantly during	
4c	Number of dumps within lease area and outside of lease area	1	1 active dump observed within lease area	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumping was proposed towards south west slope of lease area	Dumping has been carried out at earmarked place.
4e	Number of active and alive dumps.	1	1

#### 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 2021-22	Area has yet not been matured for backfilling.	
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	No proposals are incorporated	
5d	Total area fully reclaimed and rehabilitated	No proposals are incorporated	No proposals are incorporated	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			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).	Proposals are incorporated	PMCP submitted (2021-22)	
6b	Area available for rehabilitation (ha) .	Not Proposal	Not applicable	

6c	afforestation done (ha).	Not Proposal	Not applicable
6d	No. of saplings planted during the year	Not Proposal	Not applicable
6e	Cumulative no .of plants	Not Proposal	Not applicable
6f	Any other method of rehabilitation	140 m	deployed
6g	Cost incurred on watch and care during the year	Not Proposal	Not applicable
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Proposal	Not applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposal	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Not Proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposal	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Proposal	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	20 saplings proposed during 21-22	70 saplings planted during 2021-22



6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	20 saplings proposed during 21-22	70 saplings planted during 2021-22	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	20 saplings proposed during 21-22	70 saplings planted during 2021-22	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring proposed	Monitoring is done	
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 within the stipulated time.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals incorporated, 95% ROM saleable in the marked	Entire Mineral is being used.	
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.	Not Applicable at present	
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

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil present in this mine	Nil	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal incorporated	Proposal 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)	No. proposal incorporated	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline study done	Cumulative 370 saplings have been planted in last five years	
8g	Survival rate	60 to 70%	60%	
8h	Water sprinkling on roads to control airborne dust	Water Sprinkling on haul road for dust suppression in mine	Water Sprinkling on road for dust suppression is done occasionally.	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	Aesthetic beauty is maintained more or less except degradation of land due to mining. More focus is to be given to maintain the aesthetic beauty by planting suitable saplings having good survival rate and suits the climatic condition in and around mine site.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Proposal given	All Monthly and Annual Return Submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist is appointed	Mining Engineer and Geologist is appointed	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area utilisation under current working-1.590, Used for waste disposal - 0.033 and Check dams/retaining Walls-0.015	Figure is not matching as per approved Mining Plan	
9d	Scrutiny of Annual return on afforestation	1)Within lease area-70 plants 2)Outside lease area-0	Broadly as per submission	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Information given	No generation in the last year	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	58001 tonne is given	As per submission	

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price is 388.40 per tonne and Cost of production is 274.30 per tonnes	Lessee has submitted test report of 5 Bore holes but in Annual scrutiny zero is reflecting. Cost of production is found inconstancy in view of exploration cost and others	
9h	Scrutiny of Annual return on fixed assets	Information given	-	Aesthetic beauty is largely maintained
9k	Scrutiny of Annual return on mining machineries	Found Air Compressor, Tipper, Shovel(Hydraulic)		Aesthetic beauty is largely maintained

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**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 11(1)	10-AUG-22			
MCDR17	Rule 27(2)	10-AUG-22			
MCDR17	Rule 34(1)	10-AUG-22			

**Date :**

**(Mukesh Kumar Sharma)**

Indian Bureau of Mines