

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-26

Mine code : 38HPR10059

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

PART-I : GENERAL INFORMATION

1. (a) Mine Name : BHIMGODA
(b) Registration NO. : IBM/12420/2012
(c) Category : A Other than Fully Mech.
(d) Type of Working : Opencast
(e) Postal address :
State : HIMACHAL PRADESH
District : SIRMUR
Village : KAMROO
Taluka : PAONTH SAHIB
Post office : KAMROO
Pin Code : 173029
FAX No. : NA
E-mail : NA
Phone : (01704) 222309
(f) Police Station : PAONTA SAHIB
(g) First opening date : 26-AUG-81
(h) Weekly day of rest : SUN
2. Address for correspondence : SH.KUSH PARMAR, Ex. MLA,
AT & PO-NAHAN
DISTRICT- SIRMOUR (HP)
3. (a) Lease Number : HPR0032
(b) Lease area : 3.32
(c) Period of lease : 50
(d) Date of Expiry : 16-APR-34
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : KUSH PARMAR
 PO - Nahan SIRMUR
 HIMACHAL PRADESH
 Phone: (01704) 222309
 FAX :

Owner : KUSH PARMAR
 KUSH PARMAR, EX. MLA, AT &
 PO - NAHAN, DISTRICT -
 SIRMOUR (H P) SIRMUR
 HIMACHAL PRADESH
 Phone: (01704) 222309
 FAX :

6. Date of approval of Mining
Plan/Scheme of Mining

: Existing rule 11 MCDR1988	28-NOV-90
Mining Scheme rule 12 MCDR1988	20-MAY-97
Mining Scheme rule 12 MCDR1988	05-FEB-03
Mining Scheme rule 12 MCDR1988	24-SEP-09
Renewal under rule 22 MCR1960	18-JAN-14

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	2021-22-4 Boreholes proposed	No exploration was carried out during the year 2021-22.	Violation is observed & being issued.
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- 2.73 hectare Area under G2 - Nil	Area Under G1- 2.73 hectare Area under G2 - Nil	
1e	Balance reserve as on 01/04/20	As on 13.7.2021 Reserves- 7.92957 million tonnes Resources- 2.86638 million tonnes Total- 10.79595 million tonnes	As on 31.3.2022 Reserves-7.895427 million tonnes Resources-2.86638 million tonnes Total- 10.761807 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			4 PBH bore hole was proposed during 2021-22. Violation pointed out as per Rule 11(1) of MCDR 2017 for under exploration as per proposals.

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 was 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	1:0.0	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

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 40000 tonne	Total production during 2021-22 is 34143.5 Tonne	
3c	Recovery of sailable/usable mineral from ROM production	95% recovery from ROM	-	

3d	Quantity of mineral reject generation	800 (5% of ROM)	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	No segregating was carried out in the mine
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	Mining operation is being done by using HEMM, drill machine and air compressor.	No drilling & blasting shall be carried out.
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 benches	Broadly as per the proposals
3m	Total area covered under excavation/pits	2.34	Broadly as per the proposals

3n Ore to OB ratio 1:0.0
for the pit/mine
during the year.

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3o Total area put 2.52
in use under
different heads
at the end of
year

Within the limit,
As incorporated in the
mining plan.

3p Production of ROM mineral
during the last five year period
as applicable

2017-18-45000	Tonnes
2018-19-45000	Tonnes
2019-20-45310	Tonnes
2020-21-45675	Tonnes
2021-22-40000	Tonnes

2017-18-4624	Tonnes
2018-19- 34472	Tonnes
2019-20- Nil	Tonnes
2020-21- Nil	Tonnes
2021-22-34143.5	Tonnes

3q General remarks
of inspecting
officers on
method of mining
etc.

Mining plan was
approved on 13-07-
2021. During the
inspection it was
observed that
proposed
development works
has been carried
out at the
earmarked places.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	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
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.	No proposal incorporated	Not erected
4i	Length of Retaining wall or garland drain all along dumps	Not quantified	Not quantified
4j	Number of settling ponds	Not Applicable	Not Applicable
4k	Specific comments of inspecting officer on waste dump management		Insignificant top soil is generated in this mine and only inter-burden present in this mine. Whatever, little quantity of inter-burden is generated is dumped at earmarked place.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
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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 is 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	Not Proposal	Not applicable
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	0.02	-
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 on backfilled area	Not Proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	0.02	-
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	Not Proposal	Not applicable

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Proposal	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	40 saplings proposed during 21-22	45 saplings Carried out during year 21-22	
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.

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	Nil	
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 150 saplings have been planted in last five years	

8g	Survival rate	60 to 70%	70%	
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 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.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		All Monthly and Annual Return Submitted.	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-2.160, Used for waste disposal - 0.100 and Road-0.080 and Other purpose- 0.910	Broadly as per submission	

- 9d Scrutiny of 1)Within lease Broadly as per
Annual return on area-50 plants submission
afforestation 2)Outside
lease area-0
- 9e Scrutiny of No. proposal As per submission
Annual return on incorporated
mineral reject
generation
(Grade and
quantity)
- 9f Scrutiny of 34143.500 As per submission
Annual return on
ROM stock and/or
graded ore
- 9g Scrutiny of Ex. Mine price Ex. Mine price is
Annual return on is 400 per correct but Cost of
sale value, Ex. tonne and production is not found
Mine price and Cost of correct as per Annual
production cost production is Scrutiny.
195 per
tonnes
- 9h Scrutiny of Information is -
Annual return on given
fixed assets
- 9k Scrutiny of Found Front in -
Annual return on Loader
mining
machineries
Aesthetic beauty
is largely
maintained

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)	10-AUG-22			
MCDR17	Rule 27(2)	10-AUG-22			
MCDR17	Rule 33	10-AUG-22			
MCDR17	Rule 34(1)	10-AUG-22			

Date :


(Mukesh Kumar Sharma)

Indian Bureau of Mines