

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-45

Mine code : 38HPR10038

- (i) Name of the Inspecting : 002) DAMODAR PRASAD SHARMA
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Som Prakash Tomar, Mine Manager
Official with
Designation
- (iv) Date of Inspection : 31-MAY-22
- (v) Prev.inspection date : 20-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 : KAMRAOO
Taluka : KAMRAOO
Post office : KAMRAOO
Pin Code : 173029
FAX No. : N.A
E-mail : N,A
Phone : (01704) 271248/271256
- (f) Police Station :
- (g) First opening date : 01-JAN-93
- (h) Weekly day of rest : SUN
2. Address for correspondence : CHUHI RAM SAHRMA
VPO- KAMRAO, VIA- PAONTA SAHIB
DISTRICT - SIRMOUR
3. (a) Lease Number : HPR0037
- (b) Lease area : 4.76
- (c) Period of lease : 20
- (d) Date of Expiry : 06-AUG-12
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : CHUHI RAM SHARMA
 CHUHI RAM SHARMA VPO-
 KAMRAO VIA-PAONTA SAHIB
 SIRMUR HIMACHAL PRADESH
 Phone:
 FAX :

Owner : Shri Chuhi Ram Sharma
 Village- Kamrao P.O. -
 Kamrao Tehshil- Paonta
 Sahib SIRMUR HIMACHAL
 PRADESH
 Phone: (01704)-71248/7
 FAX :

Agent : Shri Chuhi Ram Sharma
 Village- Kamrao P.O. -
 Kamrao Tehshil - Paonta
 Sahib SIRMUR HIMACHAL
 PRADESH
 Phone: (01704)-71248/71256
 FAX :

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

: Fresh under rule 22 MCR1960	29-NOV-90
Modif.of approved Mining Plan	24-JAN-95
Mining Scheme rule 12 MCDR1988	11-SEP-00
MP modif under 17(3) MCR 2016	04-JUN-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	03 borehole was proposed during year 2018-19.	Violation already point out to lessee.	
1b	Exploration over lease area for geological axis 1 or 2	No exploration was proposed during year 2021-22.	No exploration was carried out during year 2021-22.	
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	As per approved Modified mining plan 2.02 hectares of area has been covered under G-1 axis G-2 1.03 ha and G3-Nil.	As per approved Modified mining plan 2.02 hectares of area has been covered under G-1 axis G-2 1.03 ha and G3-Nil.	
1e	Balance reserve as on 01/04/20	Under 111 0.474 Millions tonnes and 121&122 0.399 Million tonnes	Under 111 0.474 Millions tonnes and 121&122 0.399 Million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	Lessee not carried out Exploration up to G1 level of all potential area of ML. Violation point out to lessee as per rule 12(4) of MCDR 2017.	Lessee not carried out Exploration up to G1 level of all potential area of ML. Violation point out to lessee as per rule 12(4) of MCDR 2017.	Lessee not carried out Exploration up to G1 level of all potential area of ML. Violation point out to lessee as per rule 12(4) of MCDR 2017.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development was proposed towards western part of lease from 1887 mRL to 1881 mRL formation of Bench with six meter height during year 2021-22.	Development work was not carried out as per proposals. Violation point out to lessee as rule 11(1) of MCDR 2017.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal incorporated.	No proposal incorporated.	
2c	Stripping ratio or ore to OB ratio	1:00	1:00	some interburden found in mine.
2d	Quantity of topsoil generation in m3	No proposal incorporated.	No proposal incorporated.	
2e	Quantity of overburden generation in m3	No proposal incorporated	small quantity of Interburden generated which used for haul road maintenance purpose and preparation of parapet walls.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development was proposed towards western part of lease from 1887 mRL to 1881 mRL formation of Bench with six meter height during year 2021-22.	Development was work was not carried out as per proposals. Violation point out to lessee as rule 11(1) of MCDR 2017.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	50000 Tonnes	43249.30	
3c	Recovery of sailable/usable mineral from ROM production	100% recovery proposed	Some Interburden generated in mine.	
3d	Quantity of mineral reject generation	No proposals incorporated	Nil	
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	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation carried out by the used of safety fuse and ordinary detonator.	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation carried out by the used of safety fuse and ordinary detonator.
3k	Provision of mining machineries in mineral benches	Manual loading of limestone into Tata hyva 10 tones tippers used for transportation of limestone form mine to stock yard .	Manual loading of limestone into Tata hyva 10 tones tippers used for transportation of limestone form mine to stock yard .
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	Benches height observed more than proposals.
3m	Total area covered under excavation/pits	0.474 ha	0.474 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:00	some interburden generated in mine.
3o	Total area put in use under different heads at the end of year	1.8955 ha	1.8955 ha

3p	Production of ROM mineral during the last five year period as applicable	2018-19	50000 tonnes	2018-19	16470 tonnes
		2019-20	50000 tonnes	2019-20	32794.90
		2020-21	50000 tonnes	2020-21	34 112.10
		2021-22	50000 tonnes	2021-22	43249.30
		2021-22	50000 tonnes		
		2021-22	50000 tonnes		
3q	General remarks of inspecting officers on method of mining etc.	Benches not developed as per proposals , violation point out to lessee as per rule 11(1) of MCDR 2017.		Benches not developed as per proposals , violation point out to lessee as per rule 11(1) of MCDR 2017.	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal incorporated.	No proposal incorporated.	
4b	Location of topsoil, OB and mineral reject dumps	Not Applicable	no top soil present in this mine.	
4c	Number of dumps within lease area and outside of lease area	Not Applicable	Not Applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	
4e	Number of active and alive dumps.	Not Applicable	Not Applicable	
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.	Not Applicable	Not Applicable
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	.No proposals incorporated for separated dumping of Top Soil and OB.	No proposals incorporated for separated dumping of Top Soil and OB. Small quantity of interburden generated which used for haul road maintenance purpose and preparation of parapet wall.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Proposals not incorporated.	Area yet to matured for reclamation.	
5b	Area under backfilling of mined out area	Proposals not incorporated.	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal incorporated	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	No proposals, except plantation proposals is within the lease area.	Not Applicable	

5e General remarks of inspecting officers on backfilling and reclamation etc. Area yet not matured for back filling. 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).	Submitted	Submitted	
6b	Area available for rehabilitation (ha) .	No proposals incorporated	Not Applicable	
6c	afforestation done (ha).	0.05 ha	0.05 ha	
6d	No. of saplings planted during the year	50	50	
6e	Cumulative no .of plants	250	250	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	12500	10000	
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	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

6g	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP report under rule 26(2) of MCDR -2017 submitted.	PMCP report under rule 26(2) of MCDR -2017 submitted.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposals incorporated.	Proposals incorporated.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual sorting proposed	Manual sorting was carried out.	
7c	Different grade of mineral sorted out at mines.	Manual sorting proposed	Manual Grade-wise sorting was carried out.	
7d	Any beneficiation process at mines	Not Applicable	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	All ROM dispatched.	All ROM dispatched.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals incorporated	Not Applicable	

8b	Concurrent use or storage of topsoil	No proposals incorporated	No top soil generated during year .
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals incorporated	Not Applicable
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals incorporated	Not Applicable
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)	Proposed	as per approped mining plan.
8g	Survival rate	70%	60%
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprikling by water tanker
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	as the Mine is located in the hilly terrian, excavated area needs to improve by means of plantation	as the Mine is located in the hilly terrian, excavated area needs to improve by means of plantation

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	All monthly return submitted and annual return for year 2020-21 submitted.	All monthly return submitted and annual return for year 2020-21 submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Geologist appointed .Mining Engineer not appointed.	Mining Engineer not appointed , violation point out to lessee as per rule 55 of MCDR-2017.	
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	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	Return scrutinized for Ex. Mine price and cost of production.	Return scrutinized for Ex. Mine price and cost of production.	
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)	15-JUN-22				
MCDR17 Rule 12(4)	15-JUN-22				
MCDR17 Rule 54(a)	15-JUN-22				
MCDR17 Rule 55(1)(1)	15-JUN-22	08-AUG-22			

Damodar Prasad Sharma

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines