

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-14

Mine code : 38HPR10024

- (i) Name of the Inspecting : 002) DAMODAR PRASAD SHARMA
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mr. D.K Sinha , Mine Manager
Official with
Designation
- (iv) Date of Inspection : 30-JUN-24
- (v) Prev.inspection date : 28-SEP-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : SANGRAH
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : SANGRAH
- Taluka : SANGRAH
- Post office : SANGRAH
- Pin Code : 173023
- FAX No. : (01702)248271
- E-mail : NA
- Phone : (01702)248271
- (f) Police Station : SHRI RENUKAJI
- (g) First opening date : 10-MAY-78
- (h) Weekly day of rest : SUN
2. Address for : SHRI - V. K. WALIA
correspondance AT&PO-DADAHU, TEHSIL-RENUKA
DISTT--SIRMUR , (HP)
3. (a) Lease Number : HPR0033
- (b) Lease area : 8.06
- (c) Period of lease : 50
- (d) Date of Expiry : 17-MAY-28
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : V.K.WALIA
 S/O SHRI BABU RAM WALIA
 VILL & PO - DADAHU TEHSIL -
 RENUKAJI SIRMUR HIMACHAL
 PRADESH
 Phone:
 FAX :

Owner : V.K.WALIA
 VILL & PO - DADAHU TEHSIL
 - SHRI RENUKAJI DISTRICT -
 SIRMOUR SIRMUR HIMACHAL
 PRADESH
 Phone: (01702) 267383
 FAX : (01702) 267383

Agent : Shri V. K. Walia
 Shri V. K. Walia VPO -
 dadahu Tehsil - Renukaji
 SIRMUR HIMACHAL PRADESH
 Phone: 01702- 267383
 FAX : 01702- 267383

Manager

Name : D. K. SINHA
 Qualification : AMIE (MINING)
 Appointment/ : 01-JUL-08
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	25-AUG-89
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	05-JUL-96
		Mining Scheme rule 12 MCDR1988	29-OCT-02
		Renewal under rule 22 MCR1960	30-OCT-08
		Renewal under rule 22 MCR1960	30-OCT-08
		FMCP under 23C(1)	05-JUL-12
		Modif.of approved Mining Plan	07-SEP-12

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	03 bore hole was proposed during the year 2022-23.	03 bore hole was carried out during this year.	
1b	Exploration over lease area for geological axis 1 or 2	Area under G-1 Axis 5.1854 ha and 2.8701 ha covered Area under non - mineralized.	Area under G- 1 Axis 5.1854 ha and 2.8701 ha covered Area under non -mineralized.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee himself under the Supervision of Geologist. 1 lakh rupees.	Lessee himself under the Supervision of Geologist. 1 lakh rupees.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	All Potential mineralized area covered under G-1 axis.	All Potential mineralized area covered under G-1 axis.	
1e	Balance reserve as on 01/04/20	Reserve as on 01.04.2024 under 111 1.264 Million Tonnes and Under 122 0.218 Million Tonnes.	Reserve as on 01.04.2024 under 111 1.264 Million Tonnes and Under 122 0.218 Million Tonnes.	
1f	General remarks of inspecting officers on geology, exploration etc	All Potential mieralized area covered under G-1 axis.	All Potential mieralized area covered under G-1 axis.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	development was proposed in North-East direction between N 3397745 to 3397540 N and E 733706 to 733439 E.	Development work was carried out within proposed area.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No separate benches in topsoil and Overbudern benches proposed in mine. 02 Minerals Benches proposed in mine.	Minerals benches developed as per proposals.
2c	Stripping ratio or ore to OB ratio	1:00	No overburden generated during the year 2023-24.
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	Development work was proposed from 1820 mRl to 1810 mRl and 1930mRl to 1920 mRl with 10 meter height.	Minerals Benches developed as per proposals.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	

3b	Quantity of ROM mineral production proposed	81053 Tonnes	75174 Tonnes
3d	Quantity of mineral reject generation	8105 Tonnes	No Mineral reject reported during yera 2023-24.
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 Proposed.	No Sub Garde Mineral Generated during the year . Nil
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals incorporated in approved Mining Plan.	No segregating carried out in mine.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation Study proposed in mine.	No beneficiation was carried out in mine.
3j	Provision of drilling and blasting in mineral benches	DTH Drilling and Blasting proposed in the mine.	Drilling and Blasting Operation Carried out in mine.
3k	Provision of mining machineris in mineral benches	Hydraulic Excavator and Tripper proposed for Loading and Transporation in mine .	1.5 cum Hydraulic excavator and 12 tonnes capcity Tippers deployed in mine for limestone Loading and Transportation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	10 meter Mineral benches proposed in Mine .	More or less benches height observed about 10 meter.

3m	Total area covered under excavation/pits	2.68 ha	2.52 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:00	1:00
3o	Total area put in use under different heads at the end of year	4.7135 ha	4.25 ha
3p	Production of ROM mineral during the last five year period as applicable	2019-20-78927 Tonnes 2020-21-73092 Tonnes 2021-22-80079 Tonnes 2022-23- 81053 Tonnes 2023-24 81053 Tonnes	2019-20- 71924Tonnes 2020-21-50000.4 Tonnes 2021-22-30762 tonnes. 2022-23-75174 tonnes. 2023-24 72207 Tonnes

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Mineral Reject Dump Proposed between N 339777 to N 3397722, E 733412 to E 733391 .	No Minerals Reject Generation report during year 2023-24, However Existing Minerals Reject Dump observed in Mines.	
4b	Location of topsoil, OB and mineral reject dumps	Mineral Reject Dumps N 3397749 to N 33977222 , E 733407 to 733404 E	Less or more Minerals reject dumping as per proposals.	
4c	Number of dumps within lease area and outside of lease area	01 dupm proposed within lease area.	01 dump found in lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dump proposed within UPL.	Dump Found Within UPL	
4e	Number of active 1 and alive dumps.	1	1	

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.	40 meter retaining wall proposed along the dump.	No Retaining wall construction along the dump, Violation issued under 11(1) of MCDR-2017 to lessee.
4i	Length of Retaining wall or garland drain all along dumps	40	Nil, No Retaining wall construction along the dump, Violation issued under 11(1) of MCDR-2017 to lessee.
4j	Number of settling ponds	None	None
4k	Specific comments of inspecting officer on waste dump management	No Retaining wall construction along the dump, Violation issued under 11(1) of MCDR-2017 to lessee.	No Retaining wall construction along the dump, Violation issued under 11(1) of MCDR-2017 to lessee.

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 Proposal incorporated	No Back filling carried out during the year 2023-24.	
5b	Area under backfilling of mined out area	No Proposal Incorporated	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Top Soil proposals	No Top Soil Generated during the year .	

5d	Total area fully reclaimed and rehabilitated	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Backfilling carried out during the year .	No Backfilling carried out during the year .

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	No area rehabilitated	
6c	afforestation done (ha).	0.1 ha	0.1 ha	
6d	No. of saplings planted during the year	100	100	
6e	Cumulative no .of plants	1880	1700	
6f	Any other method of rehabilitation	Plantation proposed	Plantation carried out during the year.	
6g	Cost incurred on watch and care during the year	25000/-	25000/-	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposals incorporated	No Applicable	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal Incorporated	Not Applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposals incorporated	Not Applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposals incorporated	Not Applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposals incorporated	Not Applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	afforestation purpose	Afforestation done
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposals incorporated	Not Applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Only Plantation Purpose	Plantation done

6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitored	Monitored
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Planation work done as per proposals, Retaining wall not constructed, Violation letter issued to lessee.	Planation work done as per proposals, Retaining wall not constructed, Violation letter issued to lessee.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting not purposed in mine.	Grade Wise Sorting not carried out in mine.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Grade wise sorting not proposed in mine.	Grade wise sorting not carried out in mine.	
7c	Different grade of mineral sorted out at mines.	Not Applicable	Not Applicable	
7d	Any beneficiation process at mines .	No beneficiations proposed in mine.	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	All ROM sell into Market for different industries.	All ROM sell into Market for different industries.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No Proposals Incorporated	No Top Soil Generated during the year .
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Mineral Rejects Dump proposed.	Minerals Reject Dump exist in mine.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals incorporated	Not Applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline information given on Plantation.	Baseline information given on Plantation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual Returns Submitted.	Monthly and Annual Returns Submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Mining Geologist Appointed in Mine.	Mining Engineer and Mining Geologist Appointed in Mine.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information Regarding area under pit and Dumps etc submitted in Annual Return.	Information Regarding area under pit and Dumps etc submitted in Annual Return.	

9d	Scrutiny of Annual return on afforestation	Return Scrutinized for afforestation.	Information regarding afforestation given Annual Return.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return Scrutinized for Mineral Reject .	No Mineral reject reported during the year.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Return Scrutinized for ROM Stock.	Information regarding ROM Stock given in Annual Return
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Return Scrutinized for sale value, Ex Mine Price and Production Cost	Ex Mine Price and Production Cost found high , Registration of Buyer not mention in Return. Violation letter under Rule 45(7) of MCDR-2017 issued to lessee.
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