

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-16

Mine code : 38HPR10019

- (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 : 24-FEB-23
- (v) Prev.inspection date : 30-JUL-22

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : HIMALAYA
- (b) **Registration NO.** : IBM/11642/2012
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : MANDALI
- Taluka : SANGRAH
- Post office : SANGRAH
- Pin Code : 173022
- FAX No. : (01702) 267863
- E-mail : guptaassociates009@gmail.co
- Phone : (01702) 267240, (01702) 26'
- (f) **Police Station** : RENUKAJI
- (g) **First opening date** : 06-FEB-84
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : M/S GUPTA ASSOCIATES
VPO- DADAHU, TEHSHIL - RENUKAJI
DISRTRICT - SIRMOUR (HP)
3. (a) **Lease Number** : HPR0029
- (b) **Lease area** : 16.06
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 20-DEC-03
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : GUPTA ASSOCIATES
 V.P.O.-DADAHU, TEHSIL-
 RENUKA SIRMOUR SIRMUR
 HIMACHAL PRADESH
 Phone:
 FAX :

Owner : RAMESH GUPTA
 GUPTA ASSOCIATES VILL.
 DADAHU, TEHSHIL - RENUKAJI
 SIRMUR HIMACHAL PRADESH
 Phone: (01702) 267340
 FAX :

Agent : MANOJ GUPTA
 M/S GUPTA ASSOCIATES VPO -
 DADAHU TEHSHIL - SHRI
 RENUKAJI SIRMUR HIMACHAL
 PRADESH
 Phone: (01702) 267863
 FAX :

Manager
 Name : J. M. SINGH
 Qualification : FOREMAN CERTIFICATE HOLDER
 Appointment/ : 23-DEC-02 01-APR-08
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	11-DEC-89
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	11-JAN-96
		Mining Scheme rule 12 MCDR1988	13-NOV-02
		Renewal under rule 22 MCR1960	21-JAN-09
		Renewal under rule 22 MCR1960	21-JAN-09

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	It was proposed to drill 3 boreholes to prove depth continuity in the reporting year	No exploration was carried out till date of inspection	For non-compliance of previous exploration, mine was issued violation letter subsequently show cause and mine was suspended.
1b	Exploration over lease area for geological axis 1 or 2	Potential mineralized area is explored up to G1 level	11.06 hectare is explored upto G1 level out of 15.55 hectare	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Mentioned	Not Available	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Potential mineralized area already explored up to G1 level of Exploration. (11.06 hectare out of 15.55 hectare)	
1e	Balance reserve as on 01/04/20	111-2589620 121-0 122-3428530 211-361283 221&222-1125131 333-268090	111-2511082 121-0 122-3428530 211-361283 221&222-1125131 333-268090	Units are in tones Production depleted from year 2019-20, 2020-21 & 2021-22
1f	General remarks of inspecting officers on geology, exploration etc	-	-	ML area belongs to lower Himalayas Krol formation, limestone of the ML is of light to dark grey in color, small to medium grain size.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
--------	------	-----------	-------------	---------

2a	Location of development w.r.t.lease area	It was proposed to work in the pit 1 and pit 2 in the western side of the lease area advancement to merge both the pits.	Working was at the proposed location with slight deviation	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to maintain 5 meter of bench in width and in height	Bench height and width are more than proposed 5 meters	Violation and show-cause was issued for non maintaining the bench height & width of 5m
2c	Stripping ratio or ore to OB ratio	9:1	9:1	
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	-	-	There was deviation in the bench height and width, violation for the same was issued by office and subsequently show-cause issued for non-compliance of the violation further mine was suspended for the non-compliance of the violation on dated 15.09.2022

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two Pits were proposed to work in the reporting year	Working was being done in the two proposed pits	
3b	Quantity of ROM mineral production proposed	130000	26001	

3c	Recovery of sailable/usable mineral from ROM production	90%	26001	Deviation due to suspension of mine on dated 15.09.2022
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	Nil	
3f	Quantity of sub grade mineral generation.	Not Proposed	Nil	
3g	Grade of sub grade mineral generation	Not Proposed	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized method	Mechanized and Manual method adopted for segregation	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Nil	
3j	Provision of drilling and blasting in mineral benches	Proposed	As per approved mining plan	
3k	Provision of mining machineries in mineral benches	HEMM is proposed to be used in the mineral benches	HEMM is being used in the mineral benches	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	As per approved mining plan	
3m	Total area covered under excavation/pits	1.58	1.55	
3n	Ore to OB ratio for the pit/mine during the year.	9:1	Nil	

3o	Total area put in use under different heads at the end of year	2.61	5.84	
3p	Production of ROM mineral during the last five year period as applicable	2021-22=130000 2020-21=130000 2019-20=130000 2018-19=NA 2017-18=NA 2016-17=NA	2021-22=26001 2020-21=30745 2019-20=21792 2018-19=0 2017-18=0 2016-17=0	
3q	General remarks of inspecting officers on method of mining etc.	-	-	In the reporting year proposed production does not match as the mine was suspended on 15.09.2022 for non-compliance of previous violations.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	Separate benches are prepared in OB and mineral	
4b	Location of topsoil, OB and mineral reject dumps	Not Proposed	Nil	
4c	Number of dumps within lease area and outside of lease area	Not Proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Nil	
4e	Number of active and alive dumps.	Not Proposed	Nil	
4f	Number of dead dumps.	Not Proposed	Nil	
4g	Number of dumps established.	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Nil	

4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	-	-	Dumps are not proposed in the ML area Mineral is being dispatched to lower ground storage facility as the ML is in hilly terrain

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.	Not Proposed	Full extraction of mineral is not done yet, mineral continuity still exist	
5b	Area under backfilling of mined out area	Not Proposed	No area fully mature for backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil generated during the reporting year	Nil	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	No area fully mature enough for reclamation program	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	Mineral is still continue in the pits, pits not fully extracted yet, reclamation and rehabilitation program not started yet.

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).	Proposed	Submitted	
6b	Area available for rehabilitation (ha) .	Not Proposed	Nil	
6c	afforestation done (ha).	0.50	0.50	
6d	No. of saplings planted during the year	120	100	
6e	Cumulative no .of plants	500	100	Decreased due to Survival rate
6f	Any other method of rehabilitation	Not Proposed	Nil	
6g	Cost incurred on watch and care during the year	Not Proposed	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Proposed	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposed	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Proposed	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposed	Nil	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Proposed	Nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Proposed	100 numbers of plats were plated in the reporting year	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Proposed	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Proposed	Not Proposed	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	As per approved mining plan	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Only plantation work was being done in the lease area in the reporting year.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM is being dispatch after sorting	ROM dispatched after sorting	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual and mechanical both	Both the process is being used	
7c	Different grade of mineral sorted out at mines.	Not Proposed	Nil	

7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	ROM is being dispatched after sorting in the ML area

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	NIL	During the reporting year no soil generated
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Proposed	Nil	No OB or waste generated during the reporting year
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	As and when generated	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	No area mature enough for the process	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Proposed	As per approved mining plan	
8g	Survival rate	90%	70-80%	

8h	Water sprinkling on roads to control airborne dust	Proposed	By using water tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Proposed	AR and MR submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer Narendra Meena, Geologist-Guleria	As per records submitted in the office	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished		
9d	Scrutiny of Annual return on afforestation	Furnished		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Furnished		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Furnished		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Furnished		
9h	Scrutiny of Annual return on fixed assets	Furnished		

9k Scrutiny of Furnished
Annual return on
mining
machineries

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 :

(Mukesh Kumar Sharma)

Indian Bureau of Mines