

MCDR-MiFLOLST/58/2023-JBP-IBM\_RO\_JBP  
INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/34675/2024

**MCDR inspection REPORT**  
**Jabalpur regional office**

**Mine file No :** MP/KATNI/LST-274

**Mine code :** 38MPR47075

- (i) Name of the Inspecting: Abhishek Ranjan Gautam **ROBERT SIMON C**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Praveen Kumar Gupta, (lessee representative)  
Official with  
Designation
- (iv) Date of Inspection : 23-MAR-24
- (v) Prev.inspection date : 18-OCT-22

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SEJHA (6.522 H) (S.N.309)**
- (b) **Registration NO.** : **IBM/17356/2014**
- (c) Category : A
- (d) Type of Working : Opencast
- (e) Postal address
- State : MADHYA PRADESH
- District : KATNI
- Village : SEJHA
- Taluka : KATNI-MURWARA
- Post office : BADWARA
- Pin Code : 483501
- FAX No. : 07622-222232
- E-mail : skyplastkatni@yahoo.in
- Phone : 9826116833
- (f) Police Station : Badwara
- (g) First opening date : 10-DEC-03
- (h) Weekly day of rest : SUN
2. Address for : SKY PLAST MINING & MINERALS  
correspondance H.NO. 95, MALVIYA GANJ, KATNI  
KATNI (M.P.) 483501
3. (a) Lease Number : MPR0268
- (b) Lease area : 6.552 HA
- (c) Period of lease : 50
- (d) Date of Expiry : 24-JUN-52
4. Mineral worked : DOLOMITE Associated  
LIMESTONE Main

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## 5. Name and Address of the

Lessee : SKY PLAST MINING & MINERALS  
KATNI KATNI MADHYA  
PRADESH  
Phone:  
FAX :

Owner : SKY PLAST MINING & MINERALS  
KATNI MADHYA PRADESH  
Phone:  
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 01-JAN-02  
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 01-SEP-08  
Mining Scheme rule 12 MCDR1988 02-JUN-14  
MP review under 17(1) MCR 2016 22-JUN-18

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## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil .	Nil	
1b	Exploration over lease area for geological axis 1 or 2	NA	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed.	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2		Balance area to explored under G2 category is approximate 4.42ha.	
1e	Balance reserve as on 01/04/20	Not proposed.	122- 133582 T (LST)	
1f	General remarks of inspecting officers on geology, exploration etc			The lease area has been exposed for alternate bands of limestone and dolomite in ENE-WSW direction with steep dip .The area has been explored by only existing pit for occurances of limestone and dolomite bands/zones.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Northern portion of the lease	Northern portion of the lease	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in overburden and mineral proposed	Separate benches in overburden and mineral maintained	

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2c	Stripping ratio or ore to OB ratio	Nil	Nil	
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			Stock found the outside the lease area. Violation pointed out.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit.	Existing one pit advancing towards west.	
3b	Quantity of ROM mineral production proposed	26228 T	32668	Violation pointed out under rule 11(1) of MCDR 2017.
3c	Recovery of sailable/usable mineral from ROM production	70%	About 100%	
3d	Quantity of mineral reject generation	Not proposed.	Nil	

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3e	Grade of mineral rejects generation and threshold value declared.	Not proposed.	Not applicable.
3f	Quantity of sub grade mineral generation.	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	The manual method proposed for segregating mineral and waste from ROM proposed.	The manual method for sizing & sorting done for segregating mineral and waste from ROM.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Not done
3j	Provision of drilling and blasting in mineral benches	The jackhammer drilling & blasting proposed in mineral benches .	The jackhammer drilling & blasting done in mineral benches as proposed .
3k	Provision of mining machineries in mineral benches	Yes	Type of machinery Capacity of each unit No. of units Electrical/Non-Electrical (specify) Used in open cast/underground (specify) DUMPER 16.000 TONNE 1 Non Electrical Opencast DUMPER 10.000 TONNE 1 Non Electrical Opencast PUMPS (NON-ELEC.) 0.000 L/MN 1 Non Electrical Opencast
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	Details of Benches (Separately for mechanised and manual sections) In ore In OB/Waste (i) Number of Benches Manual 2 1 (ii) Average height (meters) Manual 3 0.5
3m	Total area covered under excavation/pits	Not specified	1.04 ha

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3n	Ore to OB ratio for the pit/mine during the year.	Not applicable	Not applicable as no o/b or top soil removed		
3o	Total area put in use under different heads at the end of year	Not specified	1.34 ha		
3p	Production of ROM mineral during the last five year period as applicable	2017-18--- 2018-19 -- 2019-20- 2020-21 - 2021-22 --- 2022-23---	22579 26712 26812 26523 26228	- - - - -	24563 12389 26831 17800 32668
3q	General remarks of inspecting officers on method of mining etc.				Excess production observed during the scrutiny of Annual return. Violation pointed out.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not proposed.	Not done.	
4b	Location of topsoil, OB and mineral reject dumps	Not proposed.	Not applicable	
4c	Number of dumps within lease area and outside of lease area	One waste dump within lease area.	One waste dump within lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	In SE side of 7.5m. barrier zone beyond UPL.	In SE side of 7.5m. barrier zone beyond UPL.	
4e	Number of active and alive dumps.	Proposed one waste dump.	One active waste dump of size 30x7x1.5-2 m ,quantity about 500cu.m. & some scattered waste near working pit.	
4f	Number of dead dumps.	Not proposed.	Nil	

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4g	Number of dumps established.	Not proposed.	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Proposed around new waste dump.	Retaining wall with waste boulders made around waste dump as proposed.	
4i	Length of Retaining wall or garland drain all along dumps	Proposed around new waste dump.	About 50m.	
4j	Number of settling ponds	Not proposed.	NA	
4k	Specific comments of inspecting officer on waste dump management			No waste generated during the year.

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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.	Backfilling not proposed in the RMP as full extraction of mineral from lease area not done for the year 2021-22.	At present the lease area is not exploited at full minable depth hence not applicable.	
5b	Area under backfilling of mined out area	Not proposed.	Not applicable.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed.	Not applicable.	
5d	Total area fully reclaimed and rehabilitated	Not proposed.	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			At present the lease area is not exploited at full minable depth hence not applicable.

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## 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).	Yes	The annual report of PMCP is submitted.	
6b	Area available for rehabilitation (ha) .	Not proposed.	Not applicable.	
6c	afforestation done (ha).	Not specified	Not applicable.	
6d	No. of saplings planted during the year	Not specified	25 trees	
6e	Cumulative no .of plants	Not proposed	Details not available	
6f	Any other method of rehabilitation	Not proposed.	Not applicable .	
6g	Cost incurred on watch and care during the year	NA	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NA	NA	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NA	NA	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	



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6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Not proposed . Not done		
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			PMCP operations needs upgradation and hence the proposals made in the recent document.

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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	The Manual sizing and sorting of mineral limestone proposed for the year 2022-23.	The Manual sizing and sorting of mineral limestone done as proposed for the year 2022-23.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	

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7c	Different grade of mineral sorted out at mines.	Not proposed.	SMS grade	
7d	Any beneficiation process at mines	Not proposed.	Not applicable.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The Manual sizing and sorting of mineral limestone carried out within lease area.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	Not done.	
8b	Concurrent use or storage of topsoil	Not proposed.	Not done.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed. Only dumping proposed for the year 2022-23.	Nil waste generated against	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Nil waste generated against the proposal of 1516 m3 t of waste generation for the year 2022-23.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)		Not applicable.	

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not specified	(i) Nil	
8g	Survival rate	NA		
8h	Water sprinkling on roads to control airborne dust		Water sprinkling on roads to control airborne dust done.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mine area needs improvement.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Given	MR and AR online submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Mining Engineer & Geologist are not appointed. Violation pointed out	

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.032 0.032 (ii) Covered under current (O-C) Workings 0.000 1.030 1.030 (iii) Reclaimed-rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.180 0.180 (v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.010 0.010 0.010 (vi) Used for any other purpose (specify) GREEN BELT 0.000 0.000 0.000 (vii) Work done under progressive mine closure plan during the year 0.000 0.000 0.000
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9d	Scrutiny of Annual return on afforestation	Not done	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		Ex mine price of SMS grade Limestone= Rs.350
9h	Scrutiny of Annual return on fixed assets	Given	Value of Fixed Assets (in .) 200000
9k	Scrutiny of Annual return on mining machineries	Given	Type of machinery Capacity of each unit No.of units Electrical/ Non-Electrical (specify) Used in opencast/ underground (specify) DUMPER 16.000 TONNE 1 Non Electrical Opencast DUMPER 10.000 TONNE 1 Non Electrical Opencast PUMPS (NON-ELEC.) 0.000 L/MN 1 Non Electrical Opencast

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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)	08-May-24			
MCDR17	Rule 55(1)	08-May-24			

**Date :****(Abhishek Ranjan Gautam)**

Assistant Mining Engineer

Indian Bureau of Mines