

I/36533/2024

General

S.N.	Particulars	Details
1	Name of the Mine	Harriya Limestone Mine
	Date of Inspection:	30.05.2024
	Name of Inspecting Officer	Shri Abhishek Ranjan Gautam
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	7.065
3	Mine code	38MPR18033
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/9206/2012
5	Last Inspection Details	28-08-2023
6	Mine official present during the inspection	Shri Ankit Goenka, Agent, SMT Gunjan Goenka, & Other Mine official
7	Name of the Lease, Address, Phone, email and fax number	M/s Sukhdeo Prasad Goenka Prop. Anand Goenka, Goenka Bhawan station Road Katni(MP)-7389896380
8	Village	Harriya
9	Taluka/Mandal	Vijayraghavgarh
10	District	Katni
11	Pin code	483830
12	State	MP
13	Post Office	Kymore
14	Nearest Police Station	Kymore
15	Nearest Railway Station	Jhukehi
16	Date of Grant of Mining Lease	17.01.1979
17	Date of Execution	17.01.1979
18	Date of opening of Mine	17.01.1979
19	Date of First Renewal, if applicable and its period & expiry	17.01.1989
20	Date of Second Renewal, if applicable and its period & expiry	17.01.2009
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Smt.Gunjan Goenka, Goenka Bhawan station Road katni
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Ankit Goenka Goenka Bhawan station Road katni
24	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Krishnam Gautam,Ramnagar Satna 01-05-2024
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Krishnam Gautam,Ramnagar Satna 01-05-2024
26	Whether Geologist and Mining Engineer appointment	Vinod Kushwaha, MSC Geologist

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	in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	No. E 8085 MCDR-MPCOLST/26/2023-JBP-IBM_RO_JBP Date-31.10.23
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	-
29	Mineral(s) granted in lease and approved for Mining	Limestone
30	Method of Mining (Opencast, Underground)	Opencast
31	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
32	Captive/Non-Captive	Non Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Not applicable	
1b	Exploration over lease area for Geological axis 1 or 2.	In 2023-24 it was proposed to drill 6 boreholes for explored the entire lease area up to g1 level.	Not Done	Violation pointed out under rule 11(1)
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not applicable	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	2.2576 ha	2.2576 ha	
1e	Balance reserves as on 01.04.2024	1519338.25 tones		
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration not done as proposed. Violation pointed out.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Working Was Proposed to be done in Pit No.1 (Central Part)	Work Done as per proposal	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in topsoil, overburden, and minerals have been proposed	Separate benches in topsoil, overburden, and minerals have been maintained.	
2c	Stripping ratio or ore to OB ratio	1 : 1 . 14	1 : 0 . 35	
2d	Quantity of topsoil generation in m ³	Not Proposed-	Not applicable	
2e	Quantity of overburden generation in m ³	54445.84	35847	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Not applicable		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks	
3a	Number of pits proposed for production	One Pit	One Pit		
3b	Quantity of ROM mineral production proposed (2023-24)	381839.40	247225		
3c	Recovery of Salable/usable mineral from ROM production	100%	100%		
3d	Quantity of mineral reject generation	Not Proposed	Not applicable		
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Not applicable		
3f	Quantity of sub-grade mineral generation	Not Proposed	Not applicable		
3g	Grade of sub-grade mineral generation	Not Proposed	Not applicable		
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Mechanized		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not applicable		
3j	Provision of drilling & blasting in mineral benches	Proposed	Carried Out	-	
3k	Provision of mining machineries in mineral benches	Mining was proposed to be carried out by using excavator/loader & dumper	As per proposal		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes Suitable	Yes Suitable	-	
3m	Total area covered under excavation /pits	4.260 ha	-	-	
3n	Ore to OB ratio for the pit/mine during the year	1:1.14	1:0.35		
3o	Total area put in use under different heads at the end of year	5.568 ha	5.568 ha		
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Proposal	Achievement	
		2019-20	100000.000	99900.000	
		2020-21	359667.000	99980.000	
		2021-22	385359.000	368735.000	
		2022-23	312431.000	299642.000	
	2023-24	381839.400	247225.000		
3q	General remarks of inspecting officer	Actual Limestone production during the year was less i.e.,			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Topsoil will be dumped in the southeast corner along the BZ in the lease area. Intercalated waste dump in the south west corner along the barrier zone in the lease area. The dolomitic waste dump will be kept in the additional land allotted to M/s S.P. Goenka for ancillary activities near to lease area. There will be no generation of mineral reject.	In 2023-24, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	-
4b	Location of topsoil, OB & mineral reject dumps	Topsoil will be dumped in the southeast corner along the BZ in the lease area. The dolomitic waste dump will be kept in the additional land allotted to M/s S.P. Goenka for ancillary activities near to lease area. There will be no generation of mineral reject.	In 2022-23, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	-
4c	Number of Dumps within lease area and	Two temporary	Two	

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	outside lease area	waste dumps and one temporary soil/scree dump.	temporary waste dumps as proposed	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Outside the UPL	
4e	Number of Active & Alive dumps	3 nos of active dumps	2 nos of active dumps	
4f	Number of deed 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	Garland drain present all along the dump	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Garland drain present all along the dump	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	In 2022-23, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Not applicable	
5b	Area under backfilling of mined out area	Not proposed	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Not applicable	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	There was no proposal for backfilling in mined out benches.		

Progressive Mine Closer Plan

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20	The holder of a mining lease shall submit to the competent authority a yearly report as per the format	The annual return on PMCP has been submitted timely.	

		Indian Bureau of Mines, before 1st day of July report every year		
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not Proposed	Nil	
	ii) Afforestation done (ha)	Not Proposed	Not done	Violation pointed out
	iii) No. of saplings planted during the year	Not Proposed	Nil	
	iv) Cumulative no. of plants	Not Proposed	Nil	
	v) Any other specific method of rehabilitation	Not Proposed	Nil	
	vi) Cost incurred on watch & care during the year	Not Proposed	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	Not Proposed	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not Proposed	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Carried Out	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	The annual return on PMCP has been submitted timely.		

Mineral Conservation

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S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral dispatch proposed after sizing	ROM mineral carried out dispatch as proposed	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised	Mechanised	-
7c	Different grade of mineral sort out at mine	SMS and Cement Grade	SMS Grade	-
7d	Any beneficiation process at mines	Not proposed	Not applicable	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral carried out dispatch as proposed		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Topsoil will be dumped in the southeast corner along the BZ in the lease area.	There was no generation of top soil.	-
8b	Concurrent use or storage of topsoil	Not Proposed	Not applicable	-
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	The dolomitic waste dump will be kept in the additional land allotted to M/s S.P. Goenka for ancillary activities near to lease area. There	In 2023-24, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	-

		generation of mineral reject.		
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not applicable	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not applicable	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not proposed	Plantation not done	-
8g	Survival rate	Not applicable	Not applicable	-
8h	Water sprinkling on roads to control airborne dust	Proposed	Carried out	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is maintained.		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly and annual returns are being submitted in time.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Shri Krishnam Gautam Geologist: Shri Vinod Kushwaha	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings – 4.260 ha Occupied by plant, buildings, residential, welfare buildings and roads – 0.120 ha Used for any other purpose (specify) Mineral stack – 1.140 ha	

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9d	Scrutiny of Annual return on Afforestation	Plantation not done	Violation pointed out
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM closing stock - 682943.960 tones	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine prize – Rs 620.59/- Cost of Production – Rs 515.17/-	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* Rs – 10236600/-	
9k	Scrutiny of Annual return on mining Machineries	Nil (contract basis)	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- Details is given below:

Rule – 11(1) of MCDR 2017 Dated 21/06/2024

Rule – 19 of MCDR 2017 Dated 21/06/2024

Date:

Name: Shri Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer