

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Bhatoora Limestone & Dolomite Mine 18/07/2024 Robert Simon C
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease area -6.062Ha Forest- Nil Non Forest Land- 6.062Ha
3	Mine code	38MPR35122
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/5447/2012
5	Name of the Lease, Address, Phone, email and fax number	The Maihar Stone & Lime Co. Pvt.Ltd.
6	Village	Bhatoora
7	Taluka/Mandal	Maihar
8	District	Maihar
9	Pin code	485771
10	State	MADHYA PRADESH
11	Post Office	AJWAIN
12	Nearest Police Station	BADERA
13	Nearest Railway Station	BHADANPUR
14	Date of Grant of Mining Lease	21/01/1977
15	Date of Execution	21/01/1977
16	Date of opening of Mine	21/01/1977
17	Date of First Renewal, if applicable and its period & expiry	21-01-1997 TO 20-01-2017
18	Date of Second Renewal, if applicable and its period & expiry	21-01-2017 TO 20-01-2027
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	14/10/2015
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Miss VIDHI WORAH, ADD- SNEHMILN TELEPHONE EXCHANGE ROAD, DHANBAD, JHARKHAND PHONE No.-9262939999 EMAIL-vsworah@gmail.com APPOINTMENT DATE -11/04/2024
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Mr.Ramanand Tiwari Add.- Santoshi vihar colony,Birla Road, Satna (M.P.) Phone No.-8770438694 Email-rntiwari0101@gmail.com DOA- 15-12-23
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mr. Ramanand Tiwari Qualification- Diploma in Mining eng. Add.- Santoshi vihar colony,Birla Road, Satna (M.P.)

		Phone No.-8770438694 Email-rntiwari0101@gmail.com DOA- 15-12-23
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Mr. Ramraj kushwaha Qualification- Msc Geology. Add.- Vill.Tiduhata,Teh. Maihar, Maihar(M.P.) Phone No.-8959808601 DOA- 20-03-22
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	30-08-2022 Period-2022-23 To 2026-27
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	30/08/2022 Period – 2022-23 To 2026-27
27	Mineral(s) granted in lease and approved for Mining	Limestone & Dolomite
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Not Proposed	Nil	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Proposed	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Entire mineralized area already explored in G1.	Entire mineralized area already explored in G1.	
1e	Balance reserves as on 01.04.2024	401222 T	401222 T	
1f	General remarks of Inspecting officer on geology, exploration etc.			

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N-2663825 to N-2663977 E- 466031 to E- 466187	Excavation of Quarry-1 was found extended within 7.5m statutory barrier and breaching the area between the ML boundary pillars nos. BP-23 to BP-24.	Violation pointed out under Rule 11(1).

2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate 1 st bench For Topsoil & One Bench of OB 5 m height and 3 Benches of limestone 6 m height each.	One Bench of OB having 5 m height and 3 Benches of limestone 6 m height each.	
2c	Stripping ratio or ore to OB ratio	1:0.10	1:0.10	
2d	Quantity of topsoil generation in m ³	3380	3000	
2e	Quantity of overburden generation in m ³	5070	5070	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.			

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed (2023-24)	130787	130531.9	
3c	Recovery of Salable/usable mineral from ROM production	80%	80%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
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	NA	NA	
3j	Provision of drilling & blasting in mineral benches	Proposed	spacing: 1.0m Burden: 0.8m Depth of hole: 1.5m Dia of hole: 33mm Charge per hole: 0.5 kg. Powder factor: 6MT/kg	
3k	Provision of mining machineries in mineral benches	Back Hoe Excavator 01 Nos. Dumpers 03 Nos.	Back Hoe Excavator 01 Nos. Dumpers 03 Nos.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	

3m	Total area covered under excavation /pits	4.74	4.3	
3n	Ore to OB ratio for the pit/mine during the year	1:0.10	1:0.10	
3o	Total area put in use under different heads at the end of year	1.Mine covered working-4.75 ha 2.OB DUMP – 0.4 ha 3.PLANTATION – 0.45 4.Road-0.2 ha 5.Garland drain-0.01 ha 6.INFRASTRUCTURE – 0.05	1.Mine covered working-4.3 ha 2.OB DUMP – 0.4 ha 3.PLANTATION – 0.45 4.Road-0.2 ha 5.Garland drain-0.01 ha 6.INFRASTRUCTURE – 0.05	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	148715	98715
		2020-21	151593	56220
		2021-22	132345	131694
		2022-23	130767	36920
		2023-24	130787	130531.930
3q	General remarks of inspecting officer on method of mining etc			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	OB to be Spread over backfilled area	Spread over backfilled area	
4b	Location of topsoil, OB & mineral reject dumps	1-N-2663853 to N-2663904 E- 465990 to E- 466028 2. N-2664105 to N-2664155 E- 466189 to E- 466315	N-2663853 to N-2663904 E- 465990 to E- 466028 2. N-2664105 to N-2664155 E- 466189 to E- 466315	
4c	Number of Dumps within lease area and outside lease area	Within lease area-2	Within lease area-2	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Near UPL Dump1-SW Dump2-NE	Near UPL Dump1-SW Dump2-NE	
4e	Number of Active & Alive dumps	2	2	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps established	Nil	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	
4i	Length of Retaining wall or garland drain all along dump	Length of Garland drain-50m	Length of Garland drain-50m	
4j	Number of settling ponds	1	1	
4k	Specific commends of inspecting officer on waste dump management			

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	Backfilling was proposed towards west of quarry between the coordinates N 2663940 –N 2663980 & E 466085- E 466185.	But during the year, backfilling was not carried out as per the approved proposals resulting in deviations in backfilling between boundary pillars BP-23 to BP-25 as against the approved proposals.	Violation pointed out under Rule 11(1).
5b	Area under backfilling of mined out area	0.009 ha	0.009 ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Spreading over back filled area	Spreading over back filled area	
5d	Total area fully reclaimed & rehabilitated	0.15	0.16 ha	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

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	Yes	Submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	0.15	0.06	

	ii) Afforestation done (ha)	0.20	0.20	
	iii) No.of saplings planted during the year	400	400	
	iv) Cumulative no. of plants	2200	2190	
	v) Any other specific method of rehabilitation	NA	NA	
	vi) Cost incurred on watch & care during the year	180000	180000	
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	As per mining Plan i)0.25 ii)0.25 iii)0.20 iv)0 v)no	As per mining Plan i)0.07 ii)0.07 iii)0.20 iv)0 v)no	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	As per mining Plan i)0 ii)0 iii)0	As per mining Plan i)0 ii)0 iii)0	
6e	Compliance of Environment monitoring (core zone & buffer zone)	As per mining Plan	As per mining Plan	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM Mineral Produced will supply to Steel Plant & Cement plant	ROM Mineral Produced has supplied to Steel Plant & Cement plant	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sort out at mine	NA	NA	

7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Top Soil will be spread over back filled area.	Top Soil spread over back filled area.	
8b	Concurrent use or storage of topsoil	Spread over back filled area	Spread over back filled area	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	One Separate dump of OB	One Separate dump of OB	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not proposed	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not proposed	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed	i) Number of trees planted during the year 400 ii) Survival rate in percentage 80	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

S.No	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R & A.R. submitted online	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Manager: Ramanand Tiwari; Mining Engineer in charge: Ramanand Tiwari; Geologist in charge : Shri Ram Raj Kushwaha.	
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 0.400 0.400;(ii) Covered under current (O-C) Workings 0.000 3.980 3.980;(iii) Reclaimed-rehabilitated 0.000 0.160 0.160;(iv) Used for waste disposal 0.000 0.530 0.530;(v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.050 0.050;(vi) Used for any other purpose (specify) 0.000 0.500 0.500	PART-1 S.No 5, Lease area (surface area) utilisation as at the end of year (hectares) under various heads are incorrectly furnished and inconsistent with the approved mining plan.	Violation has issued under Rule 45(7)
9d	Scrutiny of Annual return on afforestation	Given	PART-5 S.No.05 (Trees planted- survival rate). The details wrt to the total no.of trees at the end of the year is incorrectly furnished.	Violation has issued under Rule 45(7)
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Reported 15313.735 T(BF Grade) of closing stock	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Given	Ex mine price reported as 372.93 rupees per T	

9i	Scrutiny of Annual return on fixed assets	Given	Value of Fixed Assets* (₹ 5631054)	
9k	Scrutiny of Annual return on mining machineries	Given	BACK HOE 1.200 CUM 1 Non Electrical Opencast DUMPER 16.000 TONNE 6 Non Electrical Opencast WATER TANKER 3000.000 LITRE 1 Non Electrical Opencast.	

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
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 11 (1)	22-OCT-24				
Rule 45 (7)	22-OCT-24				

Date:28.01.25

Robert Simon C

Assistant Controller of Mines