

I/33478/2024

MCDR INSPECTION REPORT**General**

S. N.	Particulars	Details
1	Name of the Mine	Gaurala Somnala limestone & Dolomite Mine
2a	Total Lease Area (Ha) with breakup of non-forest and forest land	116.13 Ha, Non-Forest Land. (Pvt. Land-107.92 Ha, Govt. Land-8.21 Ha)
2b	Name of inspecting officer & Date of Inspection & accompanying officer	S.H. Chatte, AME - 28.02.2024. & Sh. Vilas Jogi, Mine Manager
3	Mine code	38MSH26002
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM /5319/2011
5	Name of the lessee, Address, phone, email fax number	M/s MSMC Ltd. Plot No. 07, "Khanikarma Bhavan", Wardha Road, Ajni Chowk, Nagpur- 15 0712-2253205 info@msmc.gov.in 0712-2253203
6	Village	Gaurala-Somnala
7	Taluka/Mandal	Maregaon
8	District	Yavatmal
9	Pin code	445303
10	State	Maharashtra
11	Post office	Margaon
12	Nearest police station	Maregaon
13	Nearest Railway station	Wani
14	Date of Grant of Mining Lease	17/04/1984 (203.850 Ha) originally granted 2) 2nd Renewal- (116.13 hect)- dt- 13.10.2006 for 12.12.2004 to 11.12.2024 period 3) 3rd renewal (116.13 hect)- dt- 15.03.2024 for 12.12.2024 to 11.12.2034
15	Date of Execution	1) 12/12/1984 (First Execution for 20 years) 2) 13/10/2006 (period- 12.12.2004 to 11.12.2024 2) 06/06/2024 (latest execution-lease period 12.12.2024 to 11.12.2034)
16	Date of opening of Mine	05.08.2022 (Notice of opening submitted)
17	Date of first Renewal, if applicable period & expiry	13.10.2006
18	Date of second Renewal, if app.&its period & expiry	15.03.2024
19	Date of submission of renewal application if Mining Operations are	nil

1/33478/2024

	continuing under deemed extension	
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri. M. J. Pradeep Chandren (I.A.S.) M/s MSMC Ltd. Plot No. 07, "Khanikarma Bhavan", Wardha Road, Ajni Chowk, Nagpur- 15 0712-2253205 md@msmc.gov.in 0712- 2253203
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri. P. Y. Tembhare M/s MSMC Ltd. Plot No. 07, "Khanikarma Bhavan", Wardha Road, Ajni Chowk, Nagpur- 15 0712-2253205, 09552596513 gmo@msmc.gov.in 0712-2253203 (w.e.f. 01.12.2009)
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri. N.K.Thakur Gaurala Somnala Limestone & Dolomite Mine M/s MSMC Ltd. Vill. Gaurala Somnala Ta & PO: Maregaon Dist: Yavatmal - 445303 +919801273232 gauralamine116.13@gmail.com (w.e.f.14/09/2022)
23	Name of the ME, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri. N.K.Thakur Gaurala Somnala Limestone & Dolomite Mine M/s MSMC Ltd. Vill. Gaurala Somnala Ta & PO: Maregaon Dist: Yavatmal - 445303 +919801273232 gauralamine116.13@gmail.com (w.e.f.14/09/2022)
24	Whether Geologist &ME appointed in mines satisfy the rule & carrying out duties	Yes, Shri. Pankaj Kamble, Geologist (Msc Geology)
25	Date of Approval of MP/MMP with five-year period and specific condition, if any.	ROMP-YTL/LST/MPLN- 221/NGP/2018/661 Dated 18/07/2019 Proposal Period 2019-20 to 2023-24.
26	Date of Approval of SOM/MMP with five-year period and specific condition, if any.	ROMP-YTL/LST/MPLN- 221/NGP/2018/661 Dated 18/07/2019 Proposal Period 2019-20 to 2023-24.
27	Mineral(s) granted in lease and proved 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

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining.

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NONE	NIL	Mine was non working since 2013-14 due to want of EC & non execution of
1b	Exploration over lease area for G-axis 1 or 2.	ML area of 54.31 ha is explored in G1 level & remaining 61.82Ha is unexplored		
1c	Exploration Agency & Expenditure in lakh Rupees	No proposal during yr 2022-23	NIL	

	during the year		Mining Lease deed.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Remaining 61.82Ha is un explored	
1e	Balance reserves as on 01.04.2023	Limestone-12309942T	
1f	General remarks of inspecting officer on geology, exploration etc.	Lease was already explored by State DGM, Maharashtra in the Yr 1973-77 covering 54.31 area under G1 level. Mine was non working since 2013-14 due to want of EC & non execution of Mining Lease deed, hence no further exploration carried out by the lessee.	

Development

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development wrt ML area	Pit ID-1	Nil	Mine was non working since 2013-14
2b	Separate benches in topsoil, OBetc	Working proposed in mineral only	Nil	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation (m3)	Nil	Nil,	
2e	Quantity of OB generation in m3	Nil	Nil	
2f	General remarks of IO on development of pit w.r.t. type of deposit etc.	Mine development work cannot be achieved as Mine was non working since 2013-14 due to want of EC & non execution of Mining Lease deed.		

Exploitation

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	Pit ID-1	NIL	Mine was non working since 2013-14 hence proposals not achieved
3b	Quantity of ROM production proposed	Yr- 2022-23 = 249983T	NIL	
3c	Recovery of salable/usable mineral from ROM	90%	NIL	
3d	Quantity of mineral reject generation	24998.3T (10%)	NIL	
3e	Grade of mineral reject generation and THV	Below 34% of CaO	NIL	
3f	Quantity of sub-grade mineral generation			
3g	Grade of sub-grade mineral generation			
3h	Manual / Mech. method adopted	Mech. method	NIL	
3i	Any analysis or beneficiation study proposed & carried out if any	Not Proposed	NIL	
3j	Provision of drilling & blasting in mineral benches	Deep hole drilling & controlled blasting	NIL	

I/33478/2024

3k	Provision of mining machineries in mineral benches	HEMM as proposed	NIL
3l	Whether height of benches in OB and mineral suitable for method of mining	Yes,	NIL
3m	Total area covered under excavation/pits	55204.84 m ²	No development was done but total excavation of all pits were 55204.84 m ²
3n	Ore to OB ratio pit/mine during year	Working proposed in mineral only	NIL
3o	Total area put in use under different heads at the end of year	<ol style="list-style-type: none"> 1. Area Under Mining=8.355 2. Waste dump= 3.3508 3. Mineral storage= 0.3494 4. Infrastructure= 0.2287 5. Roads=1.1815 	<ol style="list-style-type: none"> 1. Area Under Mining=5.521 2. Waste dump= 2.957 3. Mineral storage= 0.3494 4. Infrastructure & Roads= 1.363
3p	Production of ROM mineral during last five-year period, as applicable	2018-19-249986 T 2019-20-246017 T 2020-21-249985 T 2021-22-240602 T 2022-23-249983 T	2018-19- NIL 2019-20- NIL 2020-21- NIL 2021-22- NIL 2022-23- NIL
3q	General remarks of inspecting officer on method of mining etc.	Mine development work cannot be achieved as Mine was non working since 2013-14 due to want of EC & non execution of Mining Lease deed.	

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & rejects.	Yes, Proposed for rejects only	Nil	Mine was non working since 2013-14, no working done
4b	Location of topsoil, OB & mineral reject dump	D3-Marked on earmarked location in Mining plan		
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit	No proposal of waste dumping, however 9 nos of old OB/waste dump earmarked	Nil	
4e	Number of active & alive dumps	9 old dumps	9 old dumps	
4f	Number of dead dumps	9 old dumps	9 old dumps	
4g	Number of dumps stabilized			
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	NIL	

I/33478/2024

4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds	Not proposed	NIL	
4k	Specific comments of inspecting officer on waste dump management	During inspection it was found that the top soil excavated from adjacent lease (Gaurala Limestone Mine, 3.62 Ha) of same lessee found dumped within 116.13 hect lease. Violation for the same under rule 11(1) is issued along with rule 11(4)& 27(1) vide letter dt 22.03.2024.		

Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	Remarks
5a	Status on part/ full extraction of mineral from mined out area before starting backfilling	Not proposed	NIL	Not applicable
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc.	NIL		

Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly.	PMCP report is submitted along with online AR 2022-23 with in stipulated time.		
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i) Area: - 0.15Hect. ii)sapling proposed:Yes 500 nos	Rehabilitation of worked out benches: i) Area: - 1.36Hect. ii) sapling planted -4550 nos & survived 3850 nos.	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	NA	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NA	NA	
6e	Compliance of Environmental monitoring (core zone & buffer	Environment monitoring in core & buffer zone done periodically & compliance made.		

I/33478/2024

	zone)	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Mine development work cannot be achieved as Mine was non working since 2013-14 due to want of EC & non execution of Mining Lease deed

Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed	NIL	
7b	Method of grade-wise mineral sorting i.e., manual or mechanical	Mech	NIL	
7c	Different grade of mineral sorted out at mines	Yes	NIL	
7d	Any beneficiation process at mines	Not proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NIL		

Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil	Not proposed	NIL	
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	NIL	
8f	Baseline information on existence of plantation & additional plantation	4550 nos plants have been planted, survived 3850 nos.		
8g	Survival rate	84.61%		
8h	Water sprinkling on roads to control airborne dust	Yes, Dust suppression on mine haul road.		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NIL		

Compliance of Rule 45

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to Jan 2024 online with in stipulated time. A.R. submitted online for 2022-23 with in stipulated time.	

SN	Item	Details given in A.R.	Observation of I/O	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and	Details as given in AR	Sh. Nandkishor Thakur, ME & Sh Pankaj Kamble,	Appointed as per Rule 55

I/33478/2024

	Manager		Geologist	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details as given in AR	Found in order	Violation under provision of rule 11(1), 11(4)& 27(1) found violated & pointed out letter dt 22.03.2024.
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Violation under provision of rule 11(1), 11(4)& 27(1) found violated & pointed out letter dt. 22.03.2024 & reply of the same is received & the same is under examination.

(S.H. Chatte, AME)