

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name of the Mine	Matia Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.137 Ha.
3	Mine code	38CHG14086
4	IBM Registration Number under rule 45 of MCDR, 1988	18221
5	Name of the lessee, Address, phone, email and fax number	M/S Gangotri Lime (p) Ltd, Prop-Shri Devidayal Sharma, Daga Block, Byron Bazar, P.O.-Raipur, District-Raipur (C.G., 492001
6	Village	Matia
7	Taluka/Mandal	Dharsiva
8	District	Raipur
9	Pincode	
10	State	Chhattisgarh
11	Post office	Raipur
12	Nearest police station	Raipur
13	Nearest Railway station	Raipur
14	Date of Grant of Mining Lease	10.09.1998
15	Date of Execution	27.04.1999
16	Date of opening of Mine	01.11.2003
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Devidayal Sharma, Daga Block, Byron Bazar, P.O.-Raipur, District-Raipur (C.G., 492001
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA

22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No Mines Manager as the mine is non working
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mining Engineer.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No Mining Engineer & Geologist at present and mine is nonworking
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	14.10.1997
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	29.06.2015 for the scheme period 2013-14 to 2017-18 with proposal period 2015-16 to 2017-18.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Category -A
30	Captive/Non Captive	Non Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	No proposal of exploration.
1b	Exploration over lease area for Geological axis 1 or 2.	NA	NA	Total three bore holes drill in 2013-14 to 2014-15 BH-1 upto depth of 30 m, BH-2 upto depth of 45 m and BH-3 upto depth of 30 m.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	

1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	
1e	Balance reserves as on 01.04.2015	1.232 Million Tons in 121 category & 8.291 Million Tons in 122 category	1.232 Million Tons in 121 category & 8.291 Million Tons in 122 category	
1f	General remarks of inspecting officer on geology, exploration etc.			Only 3 boreholes drilled and maximum area of lease is exposed upto depth of 4-5 meter .

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	NE & SE corner of ML	No working done in lease area.	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Thin layer of top soil will be removed and single bench in ore is proposed.	NA	
2c	Stripping ratio or ore to OB ratio	1:0.10	Nil	
2d	Quantity of topsoil generation in m ³	4660 cu.m.	Nil	
2e	Quantity of overburden generation in m ³	2330	Nil	Intercalated clay
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			The is not working

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	Two	Nil	
3b	Quantity of ROM mineral production proposed	116504.75 tons	Nil	
3c	Recovery of salable/usable mineral from ROM production	116504.75 tons	NA	
3d	Quantity of mineral reject generation	5825 tons	NA	
3e	Grade of mineral reject generation and threshold value declared	Not mentioned specifically.	NA	
3f	Quantity of sub-grade mineral generation	Nil	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation study proposed	NA	
3j	Provision of drilling & blasting in mineral benches	Drilling blasting proposed with Jack hammer/Drifter wagon Drill of 65 mm	NA	

		diameter.		
3k	Provision of mining machineries in mineral benches	J.C.B. excavator of 0.8 cu.m. bucket capacity and tipper of 10 tons	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of bench is proposed 5 meter in ore body and it is suitable for proposed method of mining.	NA	
3m	Total area covered under excavation/pits	2.762 ha. For scheme period.	NA	
3n	Ore to OB ratio for the pit/mine during the year	1:0.01	NA	
3o	Total area put in use under different heads at the end of year	2.762 ha. For excavation,0.460 ha. Storage of top soil/OB,0.172 ha. Waste dump,0.265 ha. For mineral storage,0.010 ha. For roads & 0.16 ha for green belt for scheme period	NIL	
3p	Production of ROM mineral during last five-year period, as applicable	2015-16—116504 MT 2014-15---No Proposal 2013-14---No Proposal 2012-13---25002 MT 2011-12---20835 MT	Nil	The mine was suspended letter no. CHG/RAP/LST-55/NGP dated 09/03/2012 under rule 45(7)(i)(a) and revocation of order of mining operation letter no. CHG/RAP/LST-55/NGP dated 10/06/2015
3q	General remarks of inspecting officer on method of mining etc.			There is no mining activity going on.

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	yes	NIL	
4b	Location of topsoil, OB & mineral reject dumps	Top soil dump in E corner along the lease boundary of 7.5 meter barrier. OB dump in NW corner along the lease boundary of 7.5 meter barrier.	NA	
4c	Number of dumps within lease area and outside lease area	Two	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Top soil dump in E corner along the lease boundary of 7.5 meter barrier. OB dump in NW corner along the lease boundary of 7.5 meter barrier.	NA	
4e	Number of active & alive dumps	Two active & one old dump	NIL	
4f	Number of dead dumps	Nil	NA	
4g	Number of dumps stabilised	Nil	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	NIL	
4i	Length of Retaining wall or garland drain all along dump	NA	NIL	
4j	Number of settling ponds	Nil	NIL	
4k	Specific comments 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	No proposal	NIL	
5b	Area under backfilling of mined out area	Nil	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	E of ML in 705 meter barrier for afforestation.	NIL	
5d	Total area fully reclaimed & rehabilitated	Nil	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc			Reason mentioned above as there is no working.

Progressive Mine Closure Plan

S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP	No	Nil	

	submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.			
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	NA	NA	
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 backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i) NA	i) NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i)	i)	
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	116504	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	mechanical	NA	
7c	Different grade of mineral sorted out at mines	Not mentioned specifically.		
7d	Any beneficiation process at mines	No beneficiation.		
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 (Rule 32)	Yes	No working	
8b	Concurrent use or storage of topsoil	For afforestation	NA	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Dump for waste proposed	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Afforestation on dump	Nil	
8g	Survival rate	No specific proposal	NA	
8h	Water sprinkling on roads to control airborne dust	No specific proposal	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No working observed therefore no adverse impact on environment

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	Not Submitted		Violation issued.
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
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 for non submission of AR and MR under Rule 45 of MCDR,2017issued.

(Name of inspecting officer with designation and date)

Rajesh Kumar Das, Senior Assistant Controller of Mines, Date of inspection-16.12.2016