

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	8.144 ha.,Non forest land
3	Mine code	38CHG14007
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM reg18221
5	Name of the lessee, Address, phone, email and fax number	Shri Gangaram Sharma,C/O Shri Gopaldas Ptitwani,E-5,Sect-2,Devendra Nagar,P.O.& Distt.-Raipur(C.G.)
6	Village	Matia
7	Taluka/Mandal	Raipur
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	30.01.1999
15	Date of Execution	30.01.1999
16	Date of opening of Mine	08.05.2001
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 Gangaram Sharma,C/O Shri Gopaldas Ptitwani,E-5,Sect-2,Devendra Nagar,P.O.& Distt.-Raipur(C.G.),Phone No.9300624255
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	Nil
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Nil
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No Geologist and Mining Engineer appointed in mines and mine is non working and mine is under suspension from 09.03.2012 to 10.06.2015 and still not started working .
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Rap/LST/MPLN-603/NGP dated 13.03.1998 for period 2001-02 to 2005-06
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	2 nd scheme dated 26.09.2012 for period 2011-12 to 2015-16
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)	Manual
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 in 2015-16
1b	Exploration over lease area for Geological axis 1 or 2.	almost the lease area is exposed due to mining pit	Nil	Mine is non-working and mine is under suspension from 09.03.2012 to 10.06.2015 and still not started working .
1c	Exploration Agency & Expenditure	NA	Nil	

	in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2	Depthwise exploration required but no proposal in 2015-16	Nil	
1e	Balance reserves as on 01.04.2015			
1f	General remarks of inspecting officer on geology, exploration etc.			The ML is mostly exposed due to existing mining pit but below exposed area exploration is required to delineate the ore body.

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	NE direction of ML	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No top soil and no OB	Nil	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			As mentioned above the mine is non-working.

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	one	Nil	
3b	Quantity of ROM mineral production proposed	25650 MT	Nil	
3c	Recovery of salable/usable mineral from ROM production	95%	Nil	
3d	Quantity of mineral reject generation	1283 MT	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not mentioned specifically	NA	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None	NA	
3j	Provision of drilling & blasting in mineral benches	Jack hammer drilling with 34 mm jackhammer operated by compressed air.	NA	

3k	Provision of mining machineries in mineral benches	No proposal for heavy machinery.	NA	No working
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No OB as mentioned and in ore bench height is proposed 3 meter.	No working	
3m	Total area covered under excavation/pits	3.923 ha.	Nil	
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil	
3o	Total area put in use under different heads at the end of year	5.022 ha.	Nil	
3p	Production of ROM mineral during last five-year period, as applicable	2011-12-No proposal 2012-13-25650 MT 2013-14-25650 MT 2014-15-25650 MT 2015-16-25650 MT	Nil	
3q	General remarks of inspecting officer on method of mining etc.			As there is no mining activity going on therefore no observation.

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate dump for waste	NA	
4b	Location of topsoil, OB & mineral reject dumps	SW of ML	NA	
4c	Number of dumps within lease area and outside lease area	One dump proposed and one old dump	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	SW of ML	NA	
4e	Number of active & alive dumps	one	Nil	
4f	Number of dead dumps	one	NA	
4g	Number of dumps stabilised	Nil	NA	
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	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			No dump management work done.

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	NA	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)	No top soil generation	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc			No backfilling done in ML area also not matured for backfilling

Progressive Mine Closure 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.	NA	NA	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha)	NA	Nil	

	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			
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) NA	i) NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			Mine is non-working

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Nil	Nil	Grade-wise sorting not proposed.
7c	Different grade of mineral sorted out at mines	Nil	Nil	
7d	Any beneficiation process at mines	No	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			Mine is non-working and no beneficiation activity done within ML.

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Mineral reject dump separately proposed	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	50 nos plants/year proposed	Nil	
8g	Survival rate	70%	Nil	
8h	Water sprinkling on roads to control airborne dust	3 to 4 times water spraying proposal on haul road daily to control dust.	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			As mentioned above the mine is none working therefore no adverse impact on aesthetic beauty in and around mines area observed.

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	Not submitted		
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:-

Rule	Nature of Violation observed
12(3)	The scheme of mining ought to have been submitted to the competent authority at least one hundred twenty days before the expiry of the five years period, for which it was approved on the last occasion. The Scheme of Mining for the Mine was approved on 26.09.2012 for a period of 2011-12 to 2015-16. The proposed period of approved Mining

	Plan expired and no Scheme of Mining/ Review of Mining Plan was submitted to the competent authority for the subsequent periods.
13(1)	Mining operations should have been undertaken in accordance with the approved Mining Plan/Scheme of Mining. Since you have no approved Scheme of Mining for your above mentioned Mine, it is evident that the mining operations are not being carried out in accordance with the approved Scheme of Mining.
Rule 45(5)(a)(viii)	Monthly returns since april-2016 of mine has not been submitted to the Regional Controller of Mines, IBM, Hyderabad, which ought to have been Submitted in Form F-8 before 10 th of every month in respect of preceding month.
Rule 45(5)(b)(viii)	Annual returns for 2015-16 of the mine has not been submitted to the Regional Controller of Mines, IBM, Hyderabad, which ought to have been Submitted in Form H-8 before 1 st July each year for the preceding Year.

(Name of inspecting officer with designation and date)

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