

MCDR INSPECTION REPORT**General**

S. N.	Particulars	Details
1	Name of Inspecting Officer, Date of Inspection, Name of Accompanying officer & Name of the Mine,	Rajesh Kumar Das, Senior Assistant Controller of Mines,10.01.2020, Shri Sanjay Agarwal. Mine Owner & Medesara Limestone mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	3.97 ha(Private land)
3	Mine code	38CHG05010
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/6696/2011
5	Name of the lessee, Address, phone, email and fax number	Shri Sanjay Agarwal,37/3,Nehru Nagar(East),Near Agresen Chowk,Bhilai,Post-Nehru Nagar,Dist.-Durg
6	Village	Medesara
7	Taluka/Mandal	Dhamdha
8	District	Durg
9	Pincode	
10	State	Chhattisgarh
11	Post office	Dhamdha
12	Nearest police station	Dhamdha
13	Nearest Railway station	Durg
14	Date of Grant of Mining Lease	24.07.2003
15	Date of Execution	24.07.2003 for the period 30 years
16	Date of opening of Mine	
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	NA, Shri Sanjay Agarwal,Mine Owner,37/3,Nehru nagar(east),Near Agrasen Chowk,Bhilai,Post-Nehru Nagar,District-Durg,Chhattisgarh-490020,e-mail:sanjaydsa_bhilai@yahoo.com,mob-9300673142
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	Shri Gabial Kachyap,C/O Shri Sanjay Agarwal,Mine Owner,37/3,Nehru nagar(east),Near Agrasen Chowk,Bhilai,Post-Nehru Nagar,District-Durg,Chhattisgarh-490020,e-mail:sanjaydsa_bhilai@yahoo.com,mob-9300673142,date of appointment-01.09.2014
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Gabial Kachyap,C/O Shri Sanjay Agarwal,Mine Owner,37/3,Nehru nagar(east),Near Agrasen Chowk,Bhilai,Post-Nehru Nagar,District-Durg,Chhattisgarh-490020,e-mail:sanjaydsa_bhilai@yahoo.com,mob-9300673142,date of appointment-01.09.2014
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No, Mine is not in operation since two years due no EC

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25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	01.02.2005 for the period 2003-04 to 2007-08
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Modification in approved Mining plan for the period 2018-19 to 2022-23
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	opencast
29	Category (Fully Mechanised, Others or Manual)	Category A' Mechanised
30	Captive/Non Captive	Non Captive
31	Existing EC Capacity	No EC
32	Bank Guarantee Amount and validity	Rs 10,00000 and valid upto 31.03.2023

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	04	Nil	Mine is no working in 2018-19 to till date due to not having EC
1b	Exploration over lease area for Geological axis 1 or 2.	04	Nil	The lease area almost exposed due to working pit
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	3.97 ha.	Nil	Exploration required to proved depth wise deposit below exposed level.
1e	Balance reserves as on 01.04.2019	422316 tons in 111 category and 137268 tons in 122 category	422316 tons in 111 category and 137268 tons in 122 category	
1f	General remarks of inspecting officer on geology, exploration etc.	The limestone deposit is almost horizontal bedded with local dip from 2° to 5° towards north. The ML area is almost exposed upto 20 meter depth due to excavation pit. The lease area almost exposed due to working pit but no exploration drilling done.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	In existing benches towards North and western side	No development	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA	NA	
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m ³	Nil	NA	
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.	The mine was non- working in 2018-19 and therefore no development		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	one	Nil	
3b	Quantity of ROM mineral production proposed(Tons)	26310	Nil	
3c	Recovery of salable/usable mineral from ROM production	95%	NA	
3d	Quantity of mineral reject generation(cum)	526	Nil	
3e	Grade of mineral reject generation and threshold value declared	Below threshold	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	Mechanised	NA	
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	Yes	NA	
3k	Provision of mining machineries in mineral benches	Yes	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	NA	
3m	Total area covered under excavation/pits	Not mentioned specifically yearwise	NA	
3n	Ore to OB ratio for the pit/mine during the year	NA	NA	
3o	Total area put in use under different heads at the end of year		NA	
3p	Production of ROM mineral during last five-year period, as applicable(Tons)	2014-15:22950 2015-16: 22950 2016-17: 22950 2017-18: 22950 2018-19:24995	2014-15:21665 2015-16:23420 2016-17:19210.5 2017-18:750 2018-19:Nil	
3q	General remarks of inspecting officer on method of mining etc.	The mine is non- working in 2018-19		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No such proposal as OB and top soil generation is Nil	NA	
4b	Location of topsoil, OB & mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active & alive dumps	Nil	Nil	

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4f	Number of dead dumps	Nil	Nil	
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	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management	No comments as mine is non-working		

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	NA	
5b	Area under backfilling of mined out area(cum)	9720	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No comments as mine is non-working		

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.	Not submitted	No work done	
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	Afforestation proposed of 800 saplings		
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) Afforestation of 170 saplings	i)	
6d	Compliance of Rehabilitation of	i) Nil	i)	

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	waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No specific proposal	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Mining activity is suspended due to not having environment Clearance and process is going on for EC.		

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No such proposal	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No comments as mine is non-working		

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	No top soil generation as mining proposed in existing pit.
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	Mineral reject of negligible quantity
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes by partial backfilling & afforestation	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	0.02 ha. area reported as afforestation	Nil	
8g	Survival rate	No mentioned	Nil	
8h	Water sprinkling on roads to control airborne dust	Given	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No comments as mine is non-working		

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	AR upto 2018-19 R MR upto Nov'19		
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer,	Shri Gabial Kachyap is		

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	Geologist and Manager	Mining Engineer & Mine 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	20 saplings within lease reported with survival rate of 10 %		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Mine non-working in 2018-19 till date of inspection	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	4584 tons		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production and Ex-mine price as Rs 400/	As there is no production Ex-mine price will be stock	
9i	Scrutiny of Annual return on fixed assets	Nil reported		
9k	Scrutiny of Annual return on mining machineries	Only air compressor		

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- There is no earlier violation and during present inspection as the mine is non-working in 2018-19 for non-compliance of EC and the process for getting EC is going on therefore no serious violation pointed out.

(Rajesh Kumar Das, Senior Assistant Controller of Mines, 10.01.2020)