

MCDR INSPECTION REPORT

General

File no: CHG/BST/LST-19/38CHG01012

S.N.	Particulars	Details
1	Name of the Mine	Chhote Kadma Limestone Mine (2.43ha)
2	Date of Inspection	06/12/2021
3	Name of Inspecting Officer	Shri Rudra N. Mishra (Senior Mining Geologist) MPI
4	Name of official accompanying inspection	Md. Rafik Khan Mine Owner
5	Last date of Inspection & Officer	11/06/2019 & Shri Rudra N. Mishra (Senior Mining Geologist)
6	Total Lease Area (Ha) with breakup of non-forest and forest land	Non- forest: 2.43 hect. Forest Land: 00.00 hect. Total Land: 2.43 hect.
7	Mine code	38CHG01012
8	IBM Registration Number under rule 45 of MCDR,2017	IBM/9349/2012
9	Name of the Lease, Address, Phone, email and fax number	Shri Md Rafik Khan, C/o Istiyak Khan, Opp: Jama Maszid, Jagdalpur, Dist- Bastar (C.G.)-494001, 9424291067, Email: rafik1504@gmail.com
10	Village	Chhote Kadma
11	Taluka/Mandal	Darbha
12	District	Bastar
13	Pin code	494001
14	State	Chhattisgarh
15	Post Office	Tokapal
16	Nearest Police Station	Kodenar
17	Nearest Railway Station	Jagdalpur
18	Date of Grant of Mining Lease	24/07/2002 letter no F-3-48/2001/Khanij, Raipur
19	Date of Execution	12/08/2002 for 20years, (12/08/2002 to 11/08/2022)
20	Date of opening of Mine	05/09/2002
21	Date of First Renewal, if applicable and its period & expiry	Lease period hasn't been extended for 50 years by state govt Lease extension application is pending with state govt office. i.e., 12/08/2002 to 11/08/2052, under section 8A (6) of MMDR Amendment Act 2015.
22	Date of Second Renewal, if applicable and its period & expiry	N. A
23	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N. A
24	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Md Rafik Khan, C/o Istiyak Khan, Opp: Jama Maszid, Jagdalpur, Dist- Bastar (C.G.)-494001, 9424291067, EMAIL: rafik1504@gmail.com

25	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	No Mines Agent, no mining operation reported since Feb_2017. (Mines were closed more than Four years due to EC)
26	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name- Krishna Kumar Tandan Address- Ward No.19, H.No. 181, Near Guru Ghasidas Temple, Tarbahar Bilaspur (C.G.) 495001 Mob.- 78987-63202 Date of appointment –29/11/2021
27	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Name- Krishna Kumar Tandan Address- Ward No.19, H.No. 181, Near Guru Ghasidas Temple, Tarbahar Bilaspur (C.G.) 495001 Mob.- 78987-63202 Date of appointment –29/11/2021
28	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 55 & carrying out their duties as per rule 54 & 55 (MCDR 2017).	No, (Mines were closed more than four years due to EC)
29	Date of Approval of Mine Plan/Modified Mine Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approval date; 03/06/2002 letter no BST/LST/MPLN-783/NGP for period 2002-03 to 2006-2007.
30	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	1st scheme approved on 14/11/2007 for the period 2007-08 to 2011-12, 2 nd scheme approved on 25/09/2012 for the period 2012-13 to 2016-17, Latest Modified Mining plan approved on 18/05/2017, letter no BST/LST/MPLN-1088/2017/RPR for period 2017-18 to 2021-22. Review of Mining Plan approved on 07/01/2022, letter number- BST/LST/MPLN-1302/2021/RPR
31	Mineral(s) granted in lease and approved for Mining	Limestone
32	Method of Mining (Opencast, Underground)	Opencast
33	Category (Fully Mechanized, Others or Manual)	Category -A, Mechanized.
34	Captive/Non-Captive	Non-Captive mine
35	Environmental Clearance	Mine was closed more than four years due to not having EC
36	Status of Financial Assurance as per rule 27 of MCDR, 2017	Rs 10,00,000.00 (Ten Lakh Rs) Valid upto 31/03/2027

Exploration

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
1a	Backlog of previous year	Bore hole proposal -02, 30 m depth of	Nil, due to not having EC.	Mine was closed more than four

		each Bore Hole		years due to not having EC
1b	Exploration over lease area for Geological axis 1 or 2.	To be convert in G1 – 0.478 ha	Nil due to not having EC	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	3.00 lac	Not work done	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1 Category (Existing)- 1.952 ha G2 Category (Existing)- 0.478 ha	G1 Category (Existing)- 1.952 ha G2 Category (Existing)- 0.478 ha	
1e	Balance reserves as on 01.04.2021	Under 111: 191405.234 T. Under 122: 34809.67 T Under 211: 89422.06 T Under 222: 12277.25 T Under 333: 130326.30 T		
1f	General remarks of Inspecting officer on geology, exploration etc.	<p>Three fourth of the lease area is a hillock in NE direction and remaining is a gentle slope in NW direction. The highest elevation is 600m MSL in the north east and the lowest slope is 560MSL in south direction of the lease area. Limestone is light pink and grey color and massive in nature.</p> <p>Due to earlier mining operation, there are quite good number of small pits have been made for the purpose of exploration where limestone have been exposed in the mining lease area.</p> <p>Limestone is out cropping in entire lease area and top soil is practically nil. Lease hold area is stony and barren land and agriculture activity is not going on. Two vertical bore holes proposed up to full length of ore body. G1 Category (Existing)- 1.952 ha, and remain area G2 Category (Existing)- 0.478 ha. Exploration cannot be done because not having EC.</p>		

Development

S. N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
2a	Location of Development w.r.t. lease area	Benches 576 to 560mrl.	Nil	Mine was closed more than four years due to lack of Environment Clearance
2b	Separate benches in topsoil overburden and mineral (Rule 15)	One Bench of Mineral and No benches for Top soil and OB	One Bench of Mineral and No benches for Top soil and OB proposed but not work done.	

2c	Stripping ratio or ore to OB ratio	1:0.00	Nil	(EC) since 10/02/2018.
2d	Quantity of topsoil generation in m ³	None	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.	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018.		

Exploitation

S.N	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
3a	Number of pits proposed for production	01	Nil	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018.
3b	Quantity of ROM mineral production proposed (2020-21)	21500.05T	Nil	
3c	Recovery of Salable/usable mineral from ROM production	19350.02T	Nil	
3d	Quantity of mineral reject generation	2150.00T	Nil	
3e	Grade of mineral reject generation and threshold value declared	CaO < 34% MgO > 4%	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Proposal has not been given in approved Mining Plan	Nil	
3j	Provision of drilling & blasting in mineral benches	1.0m to 2.0 m depth, 35mm diameter, single row blasting having length of 20 m at working pit, 0.9m to 1.0m burden spacing.	Nil	
3k	Provision of mining machineries in mineral benches	Jack hammer 35mm 45HP, JCB 3 cum, 110H.P & Tipper	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	Nil	
3m	Total area covered under excavation /pits	1.80 ha	Nil	
3n	Ore to OB ratio for the pit/mine during the year	1:0.00	Nil	

3o	Total area put in use under different heads at the end of year	Proposal has not been given in approved Mining Plan	Area Under Pit: 1.80 ha	(EC) since 10/02/2018.	
3p	Production of ROM in Tones mineral during last Five-years period, as Applicable	2017-18	20000.02 T		1301.00 T
		2018-19	20500.05 T		0.00 T
		2019-20	21000.00 T		0.00 T
		2020-21	21500.02 T		0.00 T
		2021-Feb 22	22000.05 T	0.00 T	
3q	General remarks of inspecting officer on method of mining etc.	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018			

Solid Waste Management-Dumping

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	NA	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
4b	Location of topsoil, OB & mineral reject dumps	Proposal has not been given in approved Mining Plan	NA	
4c	Number of Dumps within lease area and outside lease area	Proposal has not been given in approved Mining Plan	NA	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Proposal has not been given in approved Mining Plan	NA	
4e	Number of Active & Alive dumps	Proposal has not been given in approved Mining Plan	NA	
4f	Number of deed dumps	Proposal has not been given in approved Mining Plan	None	
4g	Number of dumps established	Proposal has not been given in approved Mining Plan	None	
4h	Whether Retaining wall or garland drain all along dumps are there	Proposal has not been given in approved Mining Plan	NA	
4i	Length of Retaining wall or garland drain all along dump	Proposal has not been given in approved Mining Plan	NA	

4j	Number of settling ponds	Proposal has not been given in approved Mining Plan	NA	(EC) since 10/02/2018
4k	Specific comments of inspecting officer on waste dump management	No waste generation so no waste dump at site. Mine was closed more than four years due to EC.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Proposal has not been given in approved Mining Plan	NA	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
5b	Area under backfilling of mined out area	Proposal has not been given in approved Mining Plan	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Proposal has not been given in approved Mining Plan	NA	
5d	Total area fully reclaimed & rehabilitated	Proposal has not been given in approved Mining Plan	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	No Backfilling proposed and reclamation etc., Mine was closed more than Four years due to EC.		

Progressive Mine Closer Plan

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	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	PMCP submitted	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
6b	Management of worked/mined out benches	Proposal has not been given in approved Mining Plan	NA	
	Area available for rehabilitation (Ha)			
	Afforestation done (ha)			
	No. of saplings planted during the year			
	Cumulative no. of plants			

	Any other specific method of rehabilitation			Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
	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 backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	Proposal has not been given in approved Mining Plan	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Proposal has not been given in approved Mining Plan	NA	
6e	Compliance of Environment monitoring (core zone & buffer zone)	yes	yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018		

Mineral Conservation

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Proposal has not been given in approved Mining Plan	NA	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
7b	Method of grade-wise mineral sorting i.e., manual or mechanical	Proposal has not been given in approved Mining Plan	NA	
7c	Different grade of mineral sort out at mine	Proposal has not been given in approved Mining Plan	NA	
7d	Any beneficiation process at mines	Proposal has not been given in approved Mining Plan	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018		

Environment

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposal has not been given in approved Mining Plan	NA	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
8b	Concurrent use or storage of topsoil	Proposal has not been given in approved Mining Plan	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposal has not been given in approved Mining Plan	NA	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Proposal has not been given in approved Mining Plan	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	Proposal has not been given in approved Mining Plan	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposal has not been given in approved Mining Plan	NA	
8g	Survival rate	Proposal has not been given in approved Mining Plan	Within Lease area: 40 saplings, survival rate: 50% and Outside lease area: 50 Saplings, Survival rate: 20%	
8h	Water sprinkling on roads to control airborne dust	None	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018		

Compliance of Rule 45

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to Jan-2021		Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
		AR submitted up to 2020-21		
S N	Item	Details Given in A.R.	Observation of I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Appointed.	Mining Engineer, Name- Krishna Kumar Tandan	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pits: 1.60 Ha, used for waste disposal: 0.10Ha, Occupied by plant, buildings, residential, welfare buildings & roads: 0.10 Ha	As per Annual return, Correct Information furnished	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
9d	Scrutiny of Annual return on afforestation	Within lease area- 25, survival rate: 50% Outside Lease area: 50, survival rate: 20%	Within lease area-50, survival rate: 50% Outside Lease area: 50, survival rate: 20%	Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No mineral reject has been generated during F.Y. 2020-21	Not applicable.	Not envisaged in approved document
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Opening-165.844 T Production-0 T Closing-165.844 T	Stock is reportedly stacked on quarry bottom.	. Mine was closed more than four years due to lack of Environment Clearance (EC) since 10/02/2018
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil dispatch of mineral in the financial year	Report as per Annual Return	
9i	Scrutiny of Annual return on Fixed assets	Rs. 0.00/-	As per return	
9k	Scrutiny of Annual return on mining Machineries	Crusher 45 TPH	Not in working condition due to not used in last four years.	

Details of Violations observed during current inspection: - Mine was closed more than Four years due to EC and no serious Violation observed.

Date: 03/03/2022

Name & Designation: Shri Rudra N. Mishra
(Senior Mining Geologist)