

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1	Name of inspecting officer & designation & accompanying person	Arun Kumar Gadatia, Assistant Mining Engineer, Indian Bureau of Mines, Raipur
2	Date of inspection	18/01/2022 (By Shri Praveen Singh - Representative of Owner).
3	Name of the Mine	Lalpur Limestone Mine
4	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area – 4.48 Ha. (Non-Forest Govt Land)
5	Mine Code	38CHG14003
6	IBM Registration Number under rule 45 of MCDR, 1988	IBM/10231/2012
7	Name of the lessee, Address, phone, email and fax number	Shri Akhilesh Kumar Singh, C/o Shri Arjun Singh, Balaji Colony, At/Po- Mandir Hasaoud, District- Raipur (Chhattisgarh), PIN- 492101, Mob- 9977500600, e-mail- praveen500600@yahoo.com
8	Village	Lalpur
8	Taluka/Mandal/ District	Raipur
10	State	Raipur
11	Post office & PIN	Donde Kalan, 493111
12	Nearest police station	Vidhan Sabha
13	Nearest Railway station	Mandhar, approx 6KM
14	Date of Grant of Mining Lease	26/07/1999 for 20 years (As per MMDR , 2015 Amendment lease extended to 50 years).
15	Date of Execution	26/07/1999
16	Date of opening of Mine	26/07/1999
17	Date of first Renewal, if applicable and its period & expiry	As per MMDR , 2015 Amendment lease extended to 50 years
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable.
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Not Applicable.
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed.
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No Mines Manager and Mine reported non-working from 2015-16
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mines Manager and Mine reported non-working from 2015-16

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	No
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Date of Approval of Review of Mining Plan vide letter No. RPR/LST/MPLN-1209/2019- Raipur dated 04/07/2019 For Period – 2019-20 to 2023-24 Specific condition:- General condition has been given in approval letter.
26	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 is approved on 09.07.2009 for period 2009-10 to 2013-14.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast Mining under 'B' Category (Manual)
29	Category (Fully Mechanised, Others or Manual)	'A' Category - OTFM
30	Captive/Non Captive	Non Captive
31	Existing EC Limit and validity	No EC. Lessee has applied for EC to MOEFC in October, 2017 for capacity of 15,000 tonnes per year and it is under process.
32	Status of Financial Assurance as per rule 27 of MCDR, 2017	FA amount submitted as per Rule of Rs./ - 10,00,000 and Validity – Upto 27/06/2024.

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

1.0 Exploration

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
1a	Backlog of previous year	No proposal	Not done	Not proposed during period 2020-21
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Not done	Lease area is almost exposed due to working pits.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Applicable	Not Applicable	No exploration is carried out afresh after the approval of Modified Mining Plan on 28.09.2017. Though it was proposed in Approved Modified Mining Plan to drill one borehole but it could not be done due to discontinuance of mining operation since April, 2015 due to non

				availability of EC from the competent Authority.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Lease area is almost exposed due to working pits.
1e	Balance reserves as on 01.04.2020 (in Million Tonnes)	169409 tonnes	169409 tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	Nil. The mine is non-working due to Environment Clearance.		

2.0 Development

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area (Range in UTM/Local Coordinate/Plot No./Location)	Southern side from eastern side towards western side of the lease area	During mine visit it was observed that there is no work done.	Mine is non-working due to not having EC.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Top soil – Nil Mineral -2.0 Mtr.	No work done	Top soil/OB is very thin layer meagre quantity.
2c	Stripping ratio or ore to OB ratio	1:00	Nil	-do-
2d	Quantity of topsoil generation in m3	Nil	Nil	-do-
2e	Quantity of overburden generation in m3	Nil	Nil	-do-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is non-working due not having EC and during the mine visit it was observed that pit was water logged.		

3.0 Exploitation

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
3a	Number of pits proposed for production	Nil	Nil	Mine is non-working due to not having EC.
3b	Quantity of ROM mineral production proposed	14250 Tonne	Nil	-do-
3c	Recovery of saleable/usable mineral from ROM production	14250 Tonne	Nil	-do-
3d	Quantity of mineral reject generation	750 T	Nil	-do-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-
3g	Grade of sub-grade mineral	Not Applicable	Not Applicable	-

	generation			
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Not done	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Applicable	Not Applicable	-
3j	Provision of drilling & blasting in mineral benches	No drilling and blating proposed.	Not observed.	No drilling and blasting observed.
3k	Provision of mining machineries in mineral benches	Not Applicable	Not Applicable	Mine is non-working due to not having EC.so no mining machineries observed.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No bench proposed	Nil	Mine is non-working due to not having EC.
3m	Total area covered under excavation/pits	Not mentioned specifically year wise.	As per proposal.	
3n	Ore to OB ratio for the pit/mine during the year	1:00	1:00	No OB generation.
3o	Total area put in use under different heads at the end of year	Not mentioned specifically year wise.	Pit- 2.400 Ha OB/Dump & ramp -0.20 Ha Other – 0.450 Ha upto 2020-21.	As furnished in Annual return.
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	Year- 2014-15: Not projected Year- 2015-16: Not projected Year- 2016-17: Nil Year- 2017-18: 15,000 Tonne Year- 2020-21: 15,000 Tonne	Year- 2014-15: 6,151 Tonne, after that no production reported.	The Mine is non-working due to EC.
3q	General remarks of inspecting officer on method of mining etc.	The Mine is non-working due to EC.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	No proposal	Nil	No generation of waste observed.
4b	Location of topsoil, OB &	No proposal	Nil	As above.

	mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)			
4c	Number of dumps within lease area and out side lease area	Nil	Nil	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	No proposal	Nil	-do-
4e	Number of active & alive dumps	Nil	Nil	-do-
4f	Number of dead dumps	Nil	Nil	-do-
4g	Number of dumps stabilised	Nil	Nil	-do-
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	-do-
4i	Length of Retaining wall or garland drain all along dump	Not applicable	Not applicable	-do-
4j	Number of settling ponds	Nil	Nil	-do-
4k	Specific comments of inspecting officer on waste dump management	The mine is non-working therefore no waste generation.		

5.0 Solid Waste Management-Backfilling

SN	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	Not proposed	Not Applicable	The mine is non- working & area is not matured for back filling.
5b	Area under backfilling of mined out area	Not proposed	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Not proposed	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area is not matured for back filling..		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	Yes	Not submitted for the Year 2020-21.	The mine is non- working & area is not matured for back filling.

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	Nil	Nil	No area is mined out.
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	500 nos (For the period of 05 years)	400 nos (upto 2019)	200 nos of trees planted during the year 2020-21 within lease area.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not proposed	Not applicable	The mine is non-working from 2015-16
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Env. Monitoring was proposed	Under limit as per norms	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Survival rate is 50%..		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	14,250 tonne	Nil	No generation sorting is required.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Not Applicable	Reason as above.
7c	Different grade of mineral sorted out at mines	Not proposed	Not Applicable	-do-
7d	Any beneficiation process at mines	No beneficiation	No beneficiation	-do-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No remarks as mine is non-working.		

8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	No top soil generated.
8b	Concurrent use or storage of topsoil	Not proposed	Not applicable	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not applicable	Not applicable	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	No waste generation
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable	Not applicable	Not required since no area is mined out due to mine is non-working since last year 2015-16
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	500 saplings proposed (For the period of 05 years)	400 saplings reported (upto 2019-20)	200 saplings reported in 2020-21 within lease area.
8g	Survival rate	Not mentioned	50%	-
8h	Water sprinkling on roads to control airborne dust	Proposed	Not applicable.	Mine is non-working since last year 2015-16
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The mine is non-working and pit is water logged, therefore no adverse impact observed on aesthetic beauty.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	Monthly Return is Submitted upto– March 2022 Annual Return is submitted upto- 2020-21		Submitted in Time.
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	No information	Nil	Mine is non-working since last year 2015-16

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No work done in 2020-21	Nil	
9d	Scrutiny of Annual return on afforestation	Within lease- Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stock- 10835.850 tonnes	Nil Grade not mentioned.	Appears to be corrected.
9h	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Nil	Mine is non-working since last year 2015-16
9i	Scrutiny of Annual return on fixed assets	Fixed assets- Nil	Nil	Mentioned in Annual Return.
9j	Scrutiny of Annual return on mining machineries	Manual method of mining.	Manual Working.	No Machineries required due to COVID pandemic

Details of compliance position of earlier violation pointed out:- No outstanding violations.

Date of last inspection, Name and Designation of the inspecting Officer:

Shri Rajesh Kumar Das, Senior Assistant Controller Of Mines. 24-05-2019

The Mine is inspected for Review of Mining Plan and is non-working since 6 years due to not having EC. During present inspection no serious violation found and earlier violations are complied.

(Name of the inspecting Officer)

**Arun Kumar Gadatia
Asstt. Mining Engineer
Raipur Regional office**