

MCDR INSPECTION REPORT (2019-20)**1.0 GENERAL**

SN	Particulars	Details
1	Name of inspecting office & designation	Rajesh Kumar Das, Senior Assistant Controller of Mines
2	Date of inspection & Accompanying Person	25/06/2021 & Shri Ripusudan Verma
3	Name of the Mine	Bhatbera Limestone Mine
4	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.808 ha. private land
5	Mine Code	38CHG14020
6	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5655/2011
7	Name of the lessee, Address, phone, email and fax number	Shri Ripusudan Verma, mob no 9977407207,yugal2504@gmail.com
8	Village	Suhela
8	Taluka / Mandal / District	Simga
10	State	Chhattisgarh
11	Post office & PIN	Suhela-493195
12	Nearest police station	Suhela
13	Nearest Railway station	Bhatapara
14	Date of Grant of Mining Lease	06.06.2006 to 05.06.2026
15	Date of Execution	06.06.1986
16	Date of opening of Mine	01/07/2002
17	Date of first Renewal, if applicable and its period & expiry	06.06.2006 to 05.06.2026
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
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	Not appointed
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not appointed
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Not appointed
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	21.12.2016, Modified Mining Plan for period 2016-17 to 2020-21

26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	10/03/2015, 1 st Scheme of Mining for period 2011-12 to 2015-16
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
30	Captive/Non Captive	Non Captive
31	Existing EC Limit and validity	110000 Tons
32	Status of Financial Assurance	Total bank guarantee submitted 1212600 Rs in which 212600Rs validity 20/11/2021, 800000Rs validity upto 14/12/2021 and 200000 Rs upto 03/04/2024

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

1.0 Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
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	Nil	Nil	
1e	Balance reserves as on 01.04.2018 (in Million Tonnes)	1675950 tons in 111	2009646 tons in 111 category	
1f	General remarks of inspecting officer on geology, exploration etc.	The mine is non-working does not have Environment Clearance.		

2.0 Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area (Range in UTM/Local Coordinate/Plot No./Location)	Central Part	No work done and mining operation stop due to not having Environment Clearance	
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	yes	NA	
2c	Stripping ratio or ore to OB ratio	1:0.001	No Mining operation therefore no Ore and waste generation	
2d	Quantity of topsoil generation in Tonne	1125	Nil	
2e	Quantity of overburden generation in Tonne	1000	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Nil		

3.0 Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One	Nil	

3b	Quantity of ROM mineral production proposed	104500	Nil	
3c	Recovery of salable/usable mineral from ROM production	95%	NA	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	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 given	NA	
3k	Provision of mining machineries in mineral benches	Yes given	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	3.020 ha cumulative upto 31.03.2021	Nil in 2020-21	
3n	Ore to OB ratio for the pit/mine during the year	1:0.001	No Mining operation therefore no Ore and waste generation	
3o	Total area put in use under different heads at the end of year	4.042 ha. cumulative upto 31.03.2021	Nil area in 2020-21	
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	2016-17: 104500 tons 2017-18: 104500 tons 2018-19: 104500 tons 2019-20: 104500 tons 2020-21: 104500 tons	2016-17: 104349 tons 2017-18: 56858 tons 2018-19: 27597 tons 2019-20: 0.00 tons 2020-21: 0.00 tons	
3q	General remarks of inspecting officer on method of mining etc.	The mine is non-working therefore no comments		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Yes	No Mining Operation therefore no dumping	
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	Waste dumping is proposed in southern part for temporary storage	No Mining Operation therefore no dumping	
4c	Number of dumps within lease area and outside lease area	One within lease	No major dump within lease	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	Waste dumping is proposed in southern part for temporary storage	NA	
4e	Number of active & alive dumps	one	Nil	
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	NA	NA	
4j	Number of settling ponds	NA	NA	
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	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	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Nil		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23. Details should be given in the format as given in Annexure-20.	Yes	Not Submitted	
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	Dump management proposed 200saplings/year
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	Nil	Nil	

6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive	No Comments		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No grade-wise sorting within lease area	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	The mining operation is closed due to Environment Clearance therefore no comments.		

8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Nil	Nil	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	yes	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	NA	NA	
8g	Survival rate	Not mentioned	NA	
8h	Water sprinkling on roads to control airborne dust	Yes	NA	No mining operation
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mining operation is closed due to Environment Clearance therefore no impact on aesthetic beauty in and around mines area.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto - Oct 2020 <i>May 21</i> A.R. submitted upto- May 2021 <i>2020-21</i>	

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	Mining Engineer-Shri Bhanu Pratap Geologist-Shri Ashok John Manager- Shri Bhanu Pratap	During Mine inspection Mining Engineer & Geologist not present	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	No mining operation reported	
9d	Scrutiny of Annual return on afforestation	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	Nil		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil		
9i	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	3 shovel	During mine visit no excavator observed.	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- The Earlier violation pointed out already taken compliance. The present inspection is carried out for processing of Review of Mining Plan and following inspection pointed out:

Rule	Nature of Violation observed
11(1)	Mining operations should have been undertaken in accordance with the approved Mining Plan. The Modified Mining Plan was approved vide letter no. बलोदा बाजार / चूप /खयो-11060/2016-रायपुर dated 21.12.2016 and following deviation was observed during inspection There was a proposal of Limestone production of 104500 tons but against which production is nil. The proposal of afforestation is given 200 nos saplings but actual is nil.
45(5)(b)(i)	a monthly return which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form along with a signed print copy of the same if it is not digitally signed, in the respective form F1 but monthly return for May'21 is not submitted.
45(5)(c)(i)	While scrutiny of Annual returns 2019-20 it was observed that In Part I the information about Geologist is given while in Part II For Geologist it is mentioned Nil. The information in Part V for Reserves/resource is mentioned as Nil. Dead Rent, Royalty fig is mentioned as nil. Fixed asset mentioned as nil and information of 3 excavators given.

[Signature]
01/07/2021

(Rajesh Kumar Das, Senior Assistant Controller of Mines)