

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1	Name of inspecting office & designation	S. Kartikeya, Jr. Mining Geologist, Indian Bureau of Mines, Raipur
2	Accompany with Mine Officials	Shri Kedar Agrawal, Representative of Lessee Shri Shashank Agrawal, Representative of Lessee
3	Date of inspection	17/09/2019
4	Name of the Mine	Bhalukone Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: NIL Non-Forest: 2.785 Ha. Total Lease Area: 2.785 Ha.
6	Mine Code	38CHG14022
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/10758/2012
8	Name of the lessee, Address, phone, email and fax number	Shri Saurabh Agrawal S/o Shri Gopal Agrawal C-66, Sector 4, Devendra Nagar, Raipur (Chhattisgarh) – 492004 Phone: +91 (0) 771 – 4240004 Email: kapil.mining@yahoo.in kapilmining@gmail.com
9	Village	Bhalukone
10	Taluka / Mandal / District	Tehsil: Palari, District: Balodabazar – Bhatapara
11	State	Chhattisgarh
12	Post office & PIN	Palari, Pin Code: 493 228
13	Nearest police station	Palari
14	Nearest Railway station	Bhatapara
15	Date of Grant of Mining Lease	22/07/1987 to 21/07/2007 (20 years) Old Lessee: Shri G. H. Memon
16	Date of Execution	22/07/2007
17	Date of opening of Mine	03/12/1990
18	Date of first Renewal, if applicable and its period & expiry	22/07/2007 to 21/07/2027 (20 years) Supplementary lease agreement for extended period as per Section 8A of MMDR Amendment Act 2015 has not been made.
19	Date of second Renewal, if applicable and its period & expiry	Initially Mining lease has been granted to Shri G. H. Memon and was executed on 22/07/1987. Later on Mining Lease has been transferred from Shri G. H. Memon to Shri Akheraj Lunia on 10/05/1990 vide Government of Madhya Pradesh Order no. 3-20/90/12/3 Bhopal dated 10/05/1990 Thereafter Mining lease has been transferred from Shri Akheraj Lunia to Shri Saurabh Agrawal on 16/04/2003
20	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable

21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Not appointed
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not appointed
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not appointed
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Not appointed
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	<p>Mining Plan approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 14/09/1990 Proposal Period: 1991-1992 to 1995-96</p> <p>Mining Plan approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 04/10/2012 Proposal Period: 2007-08 to 2011-12</p> <p>Modified Mining Plan approved vide letter no. BBZR/LST/MPLN-1106/2017/RPR Raipur dated 18/08/2017 Proposal Period: 2017-18 to 2021-22</p>
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	<p>Scheme of Mining Approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 29/06/1998 Proposal Period: 1996-97 to 2000-01</p> <p>Scheme of Mining approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 16/09/2013 Proposal Period: 2012-13 to 2016-17</p> <p>Lapse Period: 2001-02 to 2006-07 (5 Years)</p>
28	Mineral(s) granted in lease and proved for mining	Limestone
29	Method of Mining(Opencast, Underground)	Opencast
30	Category (Fully Mechanised, Others or Manual)	Category 'A' Fully Mechanised
31	Captive/Non Captive	Non - Captive
32	Existing EC Limit and validity	Not obtained
33	Status of Financial Assurance as per rule 27 of MCDR, 2017	Rs. 10,00,000/- (Rupees Ten Lakhs Only) vide BG No. 0182IGFIN000417 dated 31/07/2019 valid up to 31/03/2022

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	2017-18: 02 nos. of boreholes with cumulative depth of 50.0 meters.	None of the boreholes have been drilled so far.	Deviation has been pointed out.
1b	Exploration over lease area for Geological axis 1 or 2.	Under G1 Category: 2.785 Ha	-do-	-do-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned in the approved document.	-do-	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Under G1 Category: 2.785 Ha	-do-	-do-
1e	Balance reserves as on 01.04.2019 (in Million Tonnes)	Under (122): 0.690 Million Tonnes Under (222): 0.830 Million Tonnes	Under (122): 0.810 Million Tonnes Under (222): 0.830 Million Tonnes	-
1f	General remarks of inspecting officer on geology, exploration etc.	The Mine is temporarily discontinued due to no Environment Clearance since 01/06/2018. Notice of Temporarily Discontinuance has been submitted on 10/05/2019.		

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)	2018-19: in between local co-ordinates S25 to S167 and E00 to E93	Could not be ascertained as the quarry was completely water logged up to the present ground level.	-
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Topsoil: NIL OB/Waste: NIL Mineral: 02 nos.	-do-	-
2c	Stripping ratio or ore to OB ratio	1:0.0	-do-	-
2d	Quantity of topsoil generation in m3	No topsoil will be generated during plan period.	The entire development has been proposed in the existing quarry in mineral benches.	-
2e	Quantity of overburden generation in m3	No overburden will be generated during plan period.	-do-	-
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	01 no.	01 no.	-
3b	Quantity of ROM mineral production proposed	75000.00 Metric Tonnes	6500.00 Metric Tonnes	-
3c	Recovery of salable/usable mineral from ROM production	100%	Could not be ascertained as the quarry was completely water logged up to the present ground level.	-
3d	Quantity of mineral reject generation	No mineral reject will be generated during plan period.	The entire development has been proposed in the existing quarry in mineral benches.	-
3e	Grade of mineral reject generation and threshold value declared	Not mentioned in the approved document.	Not applicable	-
3f	Quantity of sub-grade mineral generation	No mineral sub-grade will be generated during plan period.	The entire development has been proposed in the existing quarry in mineral benches.	-
3g	Grade of sub-grade mineral generation	Not mentioned in the approved document.	Not applicable	-
3h	Manual / Mechanised method adopted for segregating from ROM	No method has been proposed in the approved document for segregation of mineral/ore.	Not applicable. ROM was directly dispatched from the mine to the buyers.	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation process has been proposed in the approved document during plan period.	Not applicable.	-
3j	Provision of drilling & blasting in mineral benches	Dia: 80.0 mm Spacing: 2.5 m Burden: 2.0 m Depth: 3.0 m	Could not be ascertained as the Mine is temporarily discontinued due to no Environment Clearance since 01/06/2018	-
3k	Provision of mining machineries in mineral benches	1. DTH Drill machine 01 no. with 80 mm dia capacity. 2. Excavator 02	-do-	-

		<p>nos. with 0.9 CuM bucket capacity</p> <p>3. Dumpers: 18 nos. with 16.0 Metric Tonnes capacity.</p> <p>4. Water Tanker 01 no. with 10,000 liters capacity.</p> <p>5. Water Pump 02 nos. with 5.0 HP capacity.</p> <p>6. Jeep/Pool Car 01 no.</p>		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	<p>Topsoil: NIL</p> <p>OB/Waste: NIL</p> <p>Ore/Mineral: 3.0 – 4.0 m</p>	Could not be ascertained as the only quarry was completely water logged during inspection.	-
3m	Total area covered under excavation/pits	2.540 Ha. up to end of plan period.	2.230 Ha. up to end of F.Y. 2018-19	-
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	Could not be ascertained as the Mine is temporarily discontinued due to no Environment Clearance since 01/06/2018	The entire development has been proposed within working quarry.
3o	Total area put in use under different heads at the end of year	<p>Pit- 2.540 Ha.</p> <p>Waste/reject- NIL</p> <p>Others- NIL</p> <p>up to end of plan period.</p>	<p>Pit- 2.230 Ha.</p> <p>Waste/reject- NIL</p> <p>Others- NIL</p> <p>up to end of F.Y. 2018-19</p>	-
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	<p>Yr- 2014-15: 80355.00 Metric Tonnes</p> <p>Yr- 2015-16: 80355.00 Metric Tonnes</p> <p>Yr- 2016-17: 80355.00 Metric Tonnes</p> <p>Yr- 2017-18: 75000.00 Metric Tonnes</p> <p>Yr- 2018-19: 75000.00 Metric Tonnes</p>	<p>Yr- 2014-15: 77268.620 Metric Tonnes</p> <p>Yr- 2015-16: 3699.86 Metric Tonnes</p> <p>Yr- 2016-17: 67550.970 Metric Tonnes</p> <p>Yr- 2017-18: 23800.00 Metric Tonnes</p> <p>Yr- 2018-19: 6500.00 Metric Tonnes</p>	-

3q	General remarks of inspecting officer on method of mining etc.	NIL
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4.0 Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Dumping of Topsoil, OB and Mineral Reject have not been proposed in the approved document during plan period.	Could not be ascertained as the only quarry was completely water logged during inspection.	-
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	-do-	-do-	-
4c	Number of dumps within lease area and outside lease area	-do-	-do-	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	-do-	-do-	-
4e	Number of active & alive dumps	-do-	-do-	-
4f	Number of dead dumps	-do-	-do-	-
4g	Number of dumps stabilised	-do-	-do-	-
4h	Whether Retaining wall or garland drain all along dumps are there	Proposal has not been given in the approved document for contraction of Retaining wall and Garland Drain.	Not applicable.	-
4i	Length of Retaining wall or garland drain all along dump	Not mentioned in the approved document.	Not applicable.	-
4j	Number of settling ponds	Proposal has not been given in the approved document for contraction of Retaining wall and Garland Drain.	Not applicable.	-
4k	Specific comments of inspecting officer	NIL		

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	Proposal has been given in the approved document for full extraction of mineral before starting backfilling during conceptual stage.	Not applicable as on date as the mineral has not been mined out completely.	-
5b	Area under backfilling of mined out area	Proposal has been given in the approved document for backfilling along boundary lease boundary pillar no. BP -01 to BP -12 at 7.5 m barrier zone where the mineral has been mined out earlier. In between local co-ordinates S25 to S267 and E00 to E20	Could not be ascertained as the only quarry was completely water logged during inspection	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	No topsoil will be generated during plan period.	Not applicable.	
5d	Total area fully reclaimed & rehabilitated	Approx 7500 CuM earlier mined out 7.5 m barrier zone will be backfilled and reclaimed	Could not be ascertained as the only quarry was completely water logged during inspection	
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.	Not submitted for F.Y. 2017-18 and 2018-19	Deviation has been pointed out.	-

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	During F.Y. 2017-18 0.245 Ha. NIL 250 nos. 250 nos. By plantation Not mentioned in the approved document.	Not done NIL Not done Not done NIL NIL	
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	Proposal has not been given in the approved document for reclamation and rehabilitation.	Approx. 7500 CuM mined out area at 7.5 m barrier zone Not done Not done Not applicable NIL	Could not be ascertained as the only quarry was completely water logged during inspection
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Proposal has not been given in the approved document for reclamation and rehabilitation.	Not applicable	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given in the approved document for regular monitoring of environmental parameters.	Not done.	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	NIL		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposal has not been given in the approved document for grade wise sorting of ore/mineral before dispatch.	The Mine is temporarily discontinued since 01/06/2018 due to no Environment Clearance.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not mentioned in the approved document.	Not applicable	-

7c	Different grade of mineral sorted out at mines	Proposal has not been given in the approved document for grade wise sorting of ore/mineral.	Not applicable	-
7d	Any beneficiation process at mines	No beneficiation process has been proposed in the approved document during Review period.	Not applicable.	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The Mine is temporarily discontinued since 01/06/2018 due to no Environment Clearance.		

8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	No topsoil will be generated during F.Y. 2018-19. Hence no proposal has been given in the approved document for separate removal and their stacking.	Not applicable.	-
8b	Concurrent use or storage of topsoil	-do-	-do-	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Dumping of OB, Waste Rock, Mineral Reject and Fines have not been proposed during plan period.	-do-	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Generated OB/Waste rock will be utilised for backfilled at 7.5 m barrier zone along boundary pillar no. BP 1 to BP 12.	Could not be ascertained as the only quarry was completely water logged during inspection	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-do-	-do-	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	250 nos. saplings will be planted during F.Y. 2017-18.	Not achieved.	Deviation has been pointed out.
8g	Survival rate	Not mentioned in the approved document.	Not applicable	-
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling through water tanker.	No production and development has been reported since April 2017.	-

8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	NIL
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9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto – August 2019 A.R. submitted upto- F.Y. 2018-19	NIL

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: Not appointed. Geologist: Not appointed. Manager: Shri Sanjay Sopanrao Chinchole	Mining Engineer: Not appointed Geologist: Not appointed. Manager: Not appointed.	The Mine is temporarily discontinued since 01/06/2018 due to no Environment Clearance.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 2.540 Ha. Waste/reject- NIL Others- NIL up to end of plan period.	Pit- 2.230 Ha. Waste/reject- NIL Others- NIL up to end of F.Y. 2018-19	-
9d	Scrutiny of Annual return on Afforestation	NIL Planted during F.Y. 2018-19	Deviation has been pointed out.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No mineral reject has been generated during F.Y. 2018-19.	Not applicable.	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock ROM: NIL Graded Ore: 976.160 Metric Tonnes.	Could not be ascertained as the only quarry was completely water logged during inspection.	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale Value: Rs. 1604925.00 Ex-Mine Price: Rs. 230.60 Cost of Production: Rs. 221.60	Sale Value: Rs. 1604925.00 Ex-Mine Price: Rs. 230.60 Cost of Production: Rs. 221.60	-
9i	Scrutiny of Annual return on fixed assets	Rs. 2126989/-	Rs. 2126989/-	-
9k	Scrutiny of Annual return on mining machineries	Given in the AR for F.Y. 2018-19	Given	-

10- Details of violations observed during current inspection and 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, Sr. ACoM, date of inspection: 04/07/2017

Details of the Violations Pointed-out during Inspections:

नियम	उल्लंघन के प्रकार का विस्तृत ब्योरा
Rule 11(1)	The following deviations have been found in the mine from approved Modified Mining Plan vide letter no. BBZR/LST/MPLN-1106/2017-RAIPUR dated 18/08/2017 for the period of 2017-18 to 2021-22: Boundary Pillars: Boundary Pillars are not been constructed and maintained as per specification mentioned in MCR, 2016. Exploration: F.Y. 2017-18; it was proposed to carry out 02 nos. of Core Boreholes up to a cumulative depth of 50 meters; whereas, none of boreholes have been drilled so far. Backfilling: There was a proposal given for backfilling at 7.5 meter barrier zone along lease boundary in between local co-ordinates S25 to S267 and E00 to E20. Whereas, backfilling has not been done so far. Afforestation: There was a proposal given for plantation of 250 nos. of plants during 2017-18. Whereas, none of the plants have been planted.
Rule 26 (2)	A yearly report as per the format specified by the Indian Bureau of Mines, before 1st day of July every year setting forth the extent of protective and rehabilitative works carried out has not been submitted for the year 2017-18 and 2018-19.
Rule 33	Updated print copy of the surface geological Plan and Sections has not been submitted before 30th day of June for the year 2017-18 and 2018-19.
Rule 35	Online self assessment report of mining and allied activities as per the notified template of star rating in the format prescribed by the Indian Bureau of Mines for the year 2018-19 has not been submitted.
नियम संख्या 45 (1)	खनन पट्टा धारक, या देश में खनन खनिजों के व्यापार या भण्डारण या अंतिम उपयोग या निर्यात में संलग्न किसी भी व्यक्ति या कम्पनी को, खुद को भारतीय खान ब्यूरो के साथ अनुसूची के प्रारूप-ट में निर्दिष्ट आवेदन के अनुसार करना होगा। ऑनलाईन पंजीकृत करने के लिए आवेदन रूप में भारतीय खान ब्यूरो द्वारा आवंटित रजिस्ट्रीकरण संख्या को ऑनलाईन रिपोर्ट करने और पत्राचार से संबंधित सभी प्रयोजनों के लिए उपयोग किया जाएगा। आपके द्वारा निम्नांकित दर्शायी गई भारतीय खान ब्यूरो की एमटीएस वेबसाइट में https://mitra.ibm.gov.in/ आज दिनांक तक ऑनलाईन रजिस्ट्रेशन प्रक्रिया पूर्ण नहीं की गई है।
Rule 45 (7)	Annual Return 2018-19: Part IIA: Capital Structure Value of Fixed Assets (in ₹) 2126989.00 has been given similar to the another mining lease i.e. 38MPR28016 (3.198 Ha.). Part VI: Production, Dispatches And Stock 2. Ex-mine price (in ₹ Per Tonne) 230.60 Per Metric Tonne is similar to the another mining lease i.e. 38MPR28016 (3.198 Ha.). Part VII: Cost of Production: Cost of Production (in ₹ Per Tonne) is similar for both mining leases i.e. (38CHG14022 & 38MPR28016)

(Name of the Inspecting Officer and Designation and Date)

Shaival Kartikeya
Jr. Mining Geologist
Indian Bureau of Mines, Raipur
Date of Inspection 17/09/2019