

**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 Manoj Sharma, Agent (Mines)
3	Date of inspection	16/09/2019
4	Name of the Mine	Bhauadih Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: NIL Non-Forest: 3.117 Ha. Total Lease Area: 3.117 Ha.
6	Mine Code	38CHG14014
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/12298/2012
8	Name of the lessee, Address, phone, email and fax number	Shri Navish Upadhyay MIG – 83, Tatibandh, P.O. & District Raipur Chhattisgarh, Pin Code: 492001 Email: manojshrma.jsc@gmail.com Phone: +91 (0) 9926819200
9	Village	Bharuadih
10	Taluka / Mandal / District	Tehsil & District Balodabazar
11	State	Chhattisgarh
12	Post office & PIN	Balodabazar Pin Code: 493 332
13	Nearest police station	Balodabazar
14	Nearest Railway station	Bhatapara Approx 25 Km
15	Date of Grant of Mining Lease	15/11/2002 to 14/11/2020 (20 Years)
16	Date of Execution	15/11/2000
17	Date of opening of Mine	29/03/2002
18	Date of first Renewal, if applicable and its period & expiry	Not applicable  As per section 8A of MMDR Amendment Act, 2015, lease period has been extended for fifty years.  <b>Supplementary lease agreement for extended period has not been made.</b>
19	Date of second Renewal, if applicable and its period & expiry	Not applicable
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	Shri Manoj Sharma Krishnayan Colony, Balodabazar, District: Balodabazar Chhattisgarh, Pin Code: 493 332 Email: manojshrma.jsc@gmail.com

**File No. CHG/RAP/LST-67/RPR**

		Phone: +91 (0) 9926819200 Date of Appointment: 01/01/2011
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.  Mine is temporarily discontinued since July 2018 due to no Environment Clearance.  Notice of Temporary Discontinuance has not been sent. Deviation has been pointed out.
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.	<b>Mining Plan</b> approved vide letter no. RAP/LST/MPLN-689/NGP Nagpur dated 27/03/2000 Proposal Period: 2002-03 to 2006-07  <b>Modified Mining Plan</b> approved vide letter no. BBZR/LST/MPLN-1111/2017-RPR Nagpur dated 18/09/2017 Proposal Period: 2017-18 to 2021-22  <b>Lapse Period: 2000-01 to 2001-02 (02 years)</b>
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	<b>Scheme of Mining</b> approved vide letter no. RAP/LST/MPLN-689/NGP Nagpur dated 12/03/2009 Proposal Period: 2007-08 to 2011-12  <b>Scheme of Mining</b> approved vide letter no. RAP/LST/MPLN-689/NGP Nagpur dated 20/08/2015 Proposal Period: 2012-13 to 2016-17
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 'B' Manual
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. 5,00,000/- Rupees Five Lakhs vide BG no. 170391IBGF00078 Dated 05/09/2017 Validity 05/09/2017 to 04/09/2022

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: 01 no. of core borehole with cumulative depth of 50 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.	As per the approved document the entire lease area has been explored under G1 level.	Not applicable	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned in the approved document.	Not applicable	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	As per the approved document the entire lease area has been explored under G1 level.	Not applicable	-
1e	Balance reserves as on 01.04.2019 (in Million Tonnes)	Under (111): 0.552 Million Tonnes Under (221): 1.457 Million Tonnes	Under (111): 0.576 Million Tonnes Under (221): 1.457 Million Tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	Mine is temporarily discontinued since July 2018 due to no 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)	2018-19: in between local coordinates S07 to N60 and E148 to E200	Could not be ascertained as no updated plan and section has been prepared and the working quarry was completely water logged.	Deviation has been pointed out.
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	<b>Topsoil/OB:</b> 01 no. with 0.5 m height <b>Mineral/Ore:</b> 02 nos. with 2.5 m to 3.0 m	-do-	-do-
2c	Stripping ratio or ore to OB ratio	1 : 0.11	Could not be ascertained as no records of waste/OB generation have been maintained.	-do-
2d	Quantity of topsoil generation in m3	675 CuM	-do-	-do-
2e	Quantity of overburden generation in m3	OB in the form of topsoil will be generated during plan period.	-do-	-do-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is temporarily discontinued since July 2018 due to no Environment Clearance.		

**3.0 Exploitation**

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	02 no.	01 no.	-
3b	Quantity of ROM mineral production proposed	2018-19: 12750.00 Metric Tonnes	2018-19: 86.00 Metric Tonnes	Mine is temporarily discontinued since July 2018 due to no Environment Clearance
3c	Recovery of salable/usable mineral from ROM production	98%	Could not be ascertained as no records have been maintained.	-
3d	Quantity of mineral reject generation	255.00 Metric Tonnes	-do-	-
3e	Grade of mineral reject generation and threshold value declared	Not mentioned in the approved document.	2% of ROM has been considered as Mineral Reject.	-
3f	Quantity of sub-grade mineral generation	No sub-grade ore will be generated during plan period.	Not applicable.	-
3g	Grade of sub-grade mineral generation	Not mentioned in the approved document.	Not applicable	-
3h	Manual / Mechanised method adopted for segregating from ROM	Manual sorting of ore has been proposed in the approved document.	Could not be ascertained as the Mine is temporarily discontinued since July 2018 due to no Environment Clearance.	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation study has been proposed in the approved document during Review period.	Not applicable.	-
3j	Provision of drilling & blasting in mineral benches	Dia: 34 mm and 65 mm Spacing: 2.0 m Burden: 2.0 m Depth: 2.0 m	Could not be ascertained as the Mine is temporarily discontinued since July 2018 due to no Environment Clearance.	-
3k	Provision of mining machineries in mineral benches	Transportation within lease area By tractor.	-do-	-
3l	Whether height of benches in overburden and mineral	OB/Topsoil: 0.50 M	Could not be ascertained as the	-

	suitable for method of mining proposed in MP/SOM	Mineral/Ore: 3.0 M	working quarry was completely water logged.	
3m	Total area covered under excavation/pits	1.977 Ha. up to end of plan period.	Could not be ascertained as no updated plan and sections have been prepared.	Deviation has been pointed out.
3n	Ore to OB ratio for the pit/mine during the year	1 : 0.11	Could not be ascertained as no records of waste/OB generation have been maintained.	-do-
3o	Total area put in use under different heads at the end of year	Pit- 1.977 Ha. Waste/reject- 0.114 Ha. Others- 0.065 Ha.	Could not be ascertained as no updated plan and sections have been prepared.	-do-
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	Yr- 2014-15: 11250.00 Metric Tonnes Yr- 2015-16: 11250.00 Metric Tonnes Yr- 2016-17: 12750.00 Metric Tonnes Yr- 2017-18: 12750.00 Metric Tonnes Yr- 2018-19: 12750.00 Metric Tonnes	Yr- 2014-15: 6894.00 Metric Tonnes Yr- 2015-16: 4620.00 Metric Tonnes Yr- 2016-17: 12000.00 Metric Tonnes Yr- 2017-18: 1515.00 Metric Tonnes Yr- 2018-19: 86.00 Metric Tonnes	The Mine is temporarily discontinued since July 2018 due to no Environment Clearance.
3q	General remarks of inspecting officer on method of mining etc.	NIL		

**4.0 Solid Waste Management-Dumping**

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Proposal has been given in the approved document for separate dumping of topsoil, OB and Mineral Reject.	No dumps have been observed within the lease area.	-
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	In between local co-ordinates OB/Topsoil: N88 to N100 and E57 to E87	No OB/Topsoil dumps have been observed within the lease area. 7901.00 Metric Tonnes of closing stock has been stacked near existing crusher.	A certain quantity of Waste/OB has been dumped along the lease boundary for the

				purpose of protection of the lease area.
4c	Number of dumps within lease area and outside lease area	OB/Topsoil: 01 no.	No OB/Topsoil dumps have been observed within the lease area.	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	Dumping has been proposed beyond ultimate pit limit.	-do-	-do-
4e	Number of active & alive dumps	01 no.	-do-	-do-
4f	Number of dead dumps	Proposal has not been given in the approved document for dead dumps.	No dead dumps have been found within lease area.	-
4g	Number of dumps stabilised	Proposal has not been given in the approved document for dump stabilization.	Plantation has been done over the bunds along the lease boundary.	-
4h	Whether Retaining wall or garland drain all along dumps are there	Proposal has been given in the approved document for construction of garland drain around dumps.	Not done. Mine is temporarily discontinued since July 2018 due to no Environment Clearance.	-
4i	Length of Retaining wall or garland drain all along dump	Length has not been mentioned in the approved document.	Not applicable	-
4j	Number of settling ponds	Proposal has been given in the approved document for construction of settling ponds.	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	In between local co-ordinates N42 to N75 and E205 to E250 at 7.5 m barrier zone.	Not done	Deviation has been pointed out.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	675 CuM topsoil will be generated during F.Y. 2018-19 and same will be utilised for plantation.	Negligible quantity of topsoil has been generated during F.Y 2018-19 and same has been utilised for plantation purpose.	-
5d	Total area fully reclaimed & rehabilitated	In between local co-ordinates N42 to N75 and E205 to E250 at 7.5 m barrier zone.	Not done	Deviation has been pointed out.
5e	General remarks of inspecting officer on backfilling, reclamation etc	Approx. 1500 CuM earlier mined out area at 7.5 m barrier zone has to be backfilled.		

### 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	0.024 Ha. 0.024 Ha. 120 nos. 240 nos. By plantation Rs. 30000/-	Not done Not done Not done Not done NIL NIL	Deviation has been pointed 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	Proposal has not been given in the approved document for reclamation and rehabilitation.	Approx. 1500 CuM mined out area at 7.5 m barrier zone Not done Not done Not applicable	Deviation has been pointed out.

	making water reservoir v) Any other specific means		NIL	
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 as per MoEF guideline.	Not done.	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	The Mine is temporarily discontinued since July 2018 due to no Environment Clearance.		

**7.0 Mineral Conservation**

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual sorting of ore/mineral has been proposed in the approved document before dispatch.	Being done as per proposal.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual Sorting as well as mechanised crushing and sizing have been proposed in the approved document.	Being done as per proposal.	-
7c	Different grade of mineral sorted out at mines	-do-	-do-	
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 July 2018 due to no Environment Clearance.		

**8.0 Environment**

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	675 CuM of topsoil will be generated during F.Y. 2018-19 and same will be utilised for plantation	The Mine is temporarily discontinued since July 2018 due to no	-



**File No. CHG/RAP/LST-67/RPR**

		purpose.	Environment Clearance.	
8b	Concurrent use or storage of topsoil	-do-	-do-	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Proposal has been given in the approved document for separate dumps of OB, waste rock and rejects.	-do-	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Generated OB/waste will be utilised for backfilling in between local co-ordinates N42 to N75 and E205 to E250 at 7.5m barrier zone where the mineral has been mined out earlier.	Not done. The Mine is temporarily discontinued since July 2018 due to no Environment Clearance	-
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)	120 nos. saplings will be planted during F.Y. 2018-19.	Not achieved as the mine is temporarily discontinued since July 2018 due to no environment clearance.	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 July 2018.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	NIL		

**9.0 Compliance of Rule 45**

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto – August 2018 A.R. submitted upto- F.Y. 2017-18	For non submission of AR for F.Y. 2018-19 has been pointed out.

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	AR for F.Y. 2018-19 has not been submitted.	Deviation has been pointed out.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	-do-	-do-	-
9d	Scrutiny of Annual return on Afforestation	-do-	-do-	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	-do-	-do-	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock of Cement Grade Limestone: 7901.000 Metric Tonnes	Closing Stock of Cement Grade Limestone: 7901.000 Metric Tonnes	Closing Stock of Cement Grade Limestone has been obtained from the MR of August 2019
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	<b>Cost of Production: NIL</b> <b>Sale Value: NIL</b> <b>Ex-Mine Price: NIL Per Metric Tonnes</b>	<b>Cost of Production:</b> Dead rent has not been mentioned. <b>Sale Value: NIL</b> <b>Ex-Mine Price: NIL Per Metric Tonnes</b>	-
9i	Scrutiny of Annual return on fixed assets	AR for 2018-19 has not been submitted.	Deviation has been pointed out.	
9k	Scrutiny of Annual return on mining machineries	-do-	-do-	

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: 18/08/2017

Details of the Violations Pointed-out during Inspections:

**File No. CHG/RAP/LST-67/RPR**

नियम	उल्लंघन के प्रकार का विस्तृत ब्यौरा
<b>Rule 11(1)</b>	The following deviations have been found in the mine from approved Modified Mining Plan vide letter no. BBZR/LST/MPLN-1111/2017-RAIPUR dated 18/09/2017 for the period of 2017-18 to 2021-22: <b>Exploration:</b> F.Y. 2017-18; it was proposed to carry out 01 no. of Core Boreholes up to a cumulative depth of 50 meters; whereas, none of boreholes have been drilled so far. <b>Backfilling:</b> There was a proposal given for backfilling at 7.5 meter barrier zone along lease boundary in between local co-ordinates N75 and E205 to E250. Whereas, backfilling has not been done so far. <b>Afforestation:</b> There was a proposal given for plantation of 240 nos. of plants during 2017-18 to 2018-19. Whereas, none of the plants have been planted.
<b>Rule 26 (2)</b>	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.
<b>Rule 28 (1)</b>	Notice of Temporary Discontinuance has not been sent to the authorized officer within one hundred and twenty days from the date of such discontinuance as the mine is non-operational from the month of April 2017.
<b>Rule 35</b>	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.
<b>Rule 45 (5) (c)</b>	<b>वार्षिक विवरणियाँ :</b> खान की वित्त वर्ष 2018-19 की वार्षिक विवरणियाँ ऑनलाइन नहीं भरी गई हैं एवं विवरणियों की प्रति क्षेत्रीय खान नियंत्रक, रायपुर को प्रेषित नहीं की गई है। वार्षिक विवरणियाँ <a href="http://www.ibm.gov.in">www.ibm.gov.in</a> पर ऑनलाइन भर कर वित्तीय वर्ष की समाप्ति के बाद अगली 1 जुलाई के भीतर इस कार्यालय को प्रेषित की जानी चाहिए।
<b>Rule 54</b>	Labour attendance register, Daily Production register, Records of contribution of DMF, NMET and Dead Rent have not been maintained.

(Name of the Inspecting Officer and Designation and Date)

Shaival Kartikeya  
Jr. Mining Geologist  
Indian Bureau of Mines, Raipur  
Date of Inspection 16/09/2019