

**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 Ashok Kumar Singh, GM(Mines)
3	Date of inspection	03/12/2019
4	Name of the Mine	Sonadih Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: Nil Non Forest: Land: 444.763 Ha Total Lease Area: 444.763 Ha
6	Mine Code	38MPR28010
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/378/20111
8	Name of the lessee, Address, phone, email and fax number	Sonadih Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited) P. O. Raseda, Tehsil: Balodabazar District: Balodabazar-Bhatapara, Pin Code: 493 332 Phone: +91 (0) 7727-72226 Fax: +91 (0) 7727-72227 Email: ramesh.warke@nuvoco.in
9	Village	Raseda
10	Taluka / Mandal / District	Balodbazar
11	State	Chhattisgarh
12	Post office & PIN	Balodabazar-493332
13	Nearest police station	Balodabazar
14	Nearest Railway station	Bhatapara
15	Date of Grant of Mining Lease	20/12/1985 15/01/1986 to 14/01/2006 (20 Years)
16	Date of Execution	15/01/1986
17	Date of opening of Mine	12/12/1989
18	Date of first Renewal, if applicable and its period & expiry	15/01/2006 to 14/01/2026 (20 Years) dated 23/02/2010
19	Date of second Renewal, if applicable and its period & expiry	As per section 8A of MMDR Amendment Act, 2015, Mining Lease Period has been extended up to 50 Years. i.e. 15/01/2026 to 14/01/2036 (10 Years) Supplementary lease agreement for extended period has been made on 20/02/2017
20	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Initially Mining Lease has been granted to M/s Tata Iron & Steel Co. Limited dated 15/01/1986  Later on Mining Lease has been transferred from M/s Tata Iron & Steel Co. Limited to M/s Lafarge India Limited on 23/09/1999 Agreement made on 01/11/1999 (Form O)  After that Addendum to Mining Lease from M/s Lafarge India Limited to M/s Nuvoco Vistas Corporation Limited has been made on 27/11/2017

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21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Jayakumar Krishnaswamy, Managing Director Equinox Business Park (Peninsula Techno Park), Tower 3, East Wing, 4th Floor, Off Bandra-Kurla Complex, LBS Marg, Kurla (West), Mumbai, Maharashtra, Pin Code: 400070 Phone: +91 (0) 22 – 61202628 / 66306511 Fax: +91 (0) 22 - 66306510 Email: jayakumr.krishnaswamy@nuvoco.in Date of Appointment: 01/11/2018
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Ramesh Warke, Sr. Vice President Sonadih Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited) P. O. Raseda, Tehsil: Balodabazar District: Balodabazar-Bhatapara, Pin Code: 493 332 Phone: +91 (0) 7727-72226 Fax: +91 (0) 7727-72227 Email: ramesh.warke@nuvoco.in Date of Appointment: 01/01/2018
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Ashok Kumar Singh, GM (Mines) Sonadih Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited) P. O. Raseda, Tehsil: Balodabazar District: Balodabazar-Bhatapara, Pin Code: 493 332 Phone: +91 (0) 7727-72226 Fax: +91 (0) 7727-72227 Mobile: +91 (0) 9893497184 Email: ashokkumar.singh@nuvoco.in Date of Appointment: 22/07/2019
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Vedprakash Dewangan Qualification: B.E. (Mining) Total experience: +14 Years Sonadih Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited) P. O. Raseda, Tehsil: Balodabazar District: Balodabazar-Bhatapara, Pin Code: 493 332 Phone: +91 (0) 7727-72226 Fax: +91 (0) 7727-72227 Mobile: +91 (0) 9893019629 Email: vedprakash.dewangan@nuvoco.in Date of Appointment: 09/05/2016
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Appointed. Shri Rajesh Singh, DGM Qualification: M. Sc. (Geology) Total experience: +25 Years Sonadih Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited) P. O. Raseda, Tehsil: Balodabazar District: Balodabazar-Bhatapara, Pin Code: 493 332 Phone: +91 (0) 7727-72226 Fax: +91 (0) 7727-72227 Mobile: +91 (0) 9163323296

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		Email: rajesh.singh@nuvoco.in Date of Appointment: 01/09/2017
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 RAP/LST/MPLN-107 Nagpur Dated 17/09/1990 Proposal Period: 1990-91 to 1994-95 <b>Mining Plan</b> approved vide letter no. 314(3)/2005-MCCM(CZ)/MP-23 Nagpur dated 05/07/2006 Proposal Period: 2006-07 to 2010-11 <b>Modified Mining Plan</b> approved vide letter no. 314(3)/2006-MCCM(CZ)/MP-23 Nagpur dated 21/03/2007 Proposal Period: 2007-08 to 2010-11 Modified Mining Plan approved vide letter no. BBZ/LST/MPLN-1130/2017-RPR Raipur dated 05/01/2018 Proposal Period: 2017-18 to 2020-21
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>1st Scheme of Mining</b> approved vide letter no. 314(3)/93-MCCM(C)/scheme-4 Nagpur dated 03/04/1995 Proposal Period: 1995-96 to 1998-99 <b>2nd Scheme of Mining</b> approved vide letter no. 314(3)/2001/MCCM(C)/MP-3 Nagpur dated 18/08/1999 Proposal Period: 1999-2000 to 2003-04 <b>Modified Scheme of Mining</b> approved vide letter no. 314(3)/2001/MCCM(C)/MP-3 Nagpur dated 10/10/2002 Proposal Period: 2002-03 to 2003-04 <b>3rd Scheme of Mining</b> approved vide letter no. 314(3)/2003/MCCM(C)/S-12 Nagpur dated 14/06/2004 Proposal Period: 2004-05 to 14/01/2006 <b>1st Scheme of Mining</b> approved vide letter no. 314(3)/2010-MCCM(CZ)/S-61/1103 Nagpur dated 16/08/2011 Proposal Period: 2011-12 to 2015-16 <b>1st Review of Mining Plan</b> approved vide letter no. PRP/LST/MPLN-107/NGP/2015/19 Raipur dated 18/08/2016 Proposal Period: 2016-17 to 2020-21
28	Mineral(s) granted in lease and proved for mining	Limestone
29	Method of Mining(Open cast, Underground)	Open cast
30	Category (Fully Mechanised, Others or Manual)	Category 'A Fully Mechanised'
31	Captive/Non Captive	Captive
32	Existing EC Limit and validity	Limestone 5.5 Million Tonnes Per Annum obtained from the Ministry of Environment and Forests, Government of India vide letter no. J-11015/387/2007-IA. II(M) New Delhi dated 06/09/2007
33	Status of Financial Assurance as per rule 27 of MCDR, 2017	Rs. 7,51,53,000/- vide Bank Guarantee No. 1637616BG0000579 Dated 22/03/2017 Validity: 22/03/2017 to 31/03/2021

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	<b>2018-19:</b> 08 nos. of core boreholes with cumulative depth of 240 meters.	<b>2018-19:</b> 44 nos. of core boreholes with cumulative depth of 1605 meters.	-
1b	Exploration over lease area for Geological axis 1 or 2.	Under G1 Category: 353.014 Ha. Under G2 category: 4.857 Ha. Non-mineralised: 86.892 Ha	Under G1 Category: 353.014 Ha. Under G2 category: 4.857 Ha. Non-mineralised: 86.892 Ha	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned in the approved document.	M/s GEM Consultants, Bilaspur (C.G.) Phone: +91 (0) 9630069354 +91 (0) 8319025438 Email: gem.consultants2015@gmail.com Expenditure: Rs. 29,20,715/-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Under G1 Category: 386.463 Ha. Under G2 category: 58.30 Ha.	Under G1 Category: 386.463 Ha. Under G2 category: 58.30 Ha.	-
1e	Balance reserves as on 01.04.2019 (in Million Tonnes)	Under (111): 21.01 Million Tonnes Under (222): 10.33 Million Tonnes Under (331): 14.76 Million Tonnes Under (332): 24.27 Million Tonnes Under (333): 21.97 Million Tonnes	Under (111): 25.08 Million Tonnes Under (222): 10.33 Million Tonnes Under (331): 14.76 Million Tonnes Under (332): 24.27 Million Tonnes Under (333): 21.97 Million Tonnes	-
1f	General remarks of inspecting officer on geology, exploration etc.	NIL		

**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 UTM co-ordinates (1) N2404137 to N2405991 and E624075 to E625830 (2) N2404221 to N2406128 and E624197 to E625787 (3) N2404424 to N2406006 and E624367 to E625664 (4) N2404618 to N2405920 and E624449 to E625635	2018-19: In between UTM co-ordinates (1) N2404137 to N2405991 and E624075 to E625830 (2) N2404221 to N2406128 and E624197 to E625787 (3) N2404424 to N2406006 and E624367 to E625664 (4) N2404618 to N2405920 and E624449 to E625635	Broadly the development and production has been done in the proposed area.
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Topsoil/OB: 01 Ore/Mineral: 04 no.	Topsoil/OB: 01 Ore/Mineral: 04 no.	-
2c	Stripping ratio or ore to OB ratio	1: 0.023  (OB: 55000 CuM + Waste: 72727 CuM = 127727 CuM)	1: 0.035  (Waste: 151997 CuM)	-
2d	Quantity of topsoil generation in m3	No topsoil will be generated during the F.Y. 2018-19	Negligible quantity of topsoil has been generated during the F.Y. 2018-19 and same has been utilised for the plantation.	-
2e	Quantity of overburden generation in m3	127727 CuM  (OB: 55000 CuM + Waste: 72727 CuM)	151997 CuM	-
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	2018-19: 5500000.00 Metric Tonnes	2018-19: 4302100.00 Metric Tonnes	-

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3c	Recovery of salable/usable mineral from ROM production	100%	100%	-
3d	Quantity of mineral reject generation	As per the last approved document no mineral-reject will be generated during F.Y. 2018-19	164740.00 Metric Tonnes has been generated during F.Y. 2018-19	Deviation has been pointed out.
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	As per the last approved document no mineral sub-grade will be generated during F.Y. 2018-19	No 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	Mechanised crushing and screening has been proposed in the approved document for segregation of Ore/Mineral from ROM.	Being done as per proposal.	-
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 plan period.	Not applicable.	-
3j	Provision of drilling & blasting in mineral benches	Dia: 104 mm Spacing: 4.5 m Burden: 3.5 m Depth: 8.0 m	Dia: 104 mm Spacing: 4.5 m Burden: 3.5 m Depth: 8.0 m	-
3k	Provision of mining machineries in mineral benches	<ol style="list-style-type: none"> <li>1. Drilling Machine 02 nos. with 104 mm dia capacity</li> <li>2. Hydraulic Excavator 03 nos. with 5.1 CuM bucket capacity</li> <li>3. Hydraulic Excavator 01 no. with 3.5 CuM bucket</li> </ol>	<ol style="list-style-type: none"> <li>1. Shovel (Hydraulic) 03 Nos. With 5.1 Cum Bucket Capacity</li> <li>2. Dumpers 12 Nos. With 35.0 Metric Tonne Capacity</li> <li>3. Drilling Machine 02 Nos. With 112 Mm Dia Capacity</li> <li>4. Dozer 01 No.</li> </ol>	-

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		<p>capacity</p> <p><b>4.</b> Pay loader 01 no with 3.1 CuM bucket capacity</p> <p><b>5.</b> Dumper 12 nos. with 35.0 Metric Tonne capacity</p>	<p><b>5.</b> Motor Grader 01 No.</p> <p><b>6.</b> Explosive Van 01 no. with 1.910 Metric Tonne capacity</p> <p><b>7.</b> Pumps (Electrical) 04 nos.</p>	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	<p><b>Height:</b> Topsoil/OB: 0.0 to 2.5 m Mineral/Ore: 6.0 to 8.0 m <b>Width:</b> 8.0 m</p>	<p><b>Height:</b> Topsoil/OB: 0.0 to 2.5 m Mineral/Ore: 6.0 to 8.0 m <b>Width:</b> 8.0 m</p>	-
3m	Total area covered under excavation/pits	165.12 Ha. up to end of plan period.	123.639 Ha. up to end of F.Y. 2018-19	-
3n	Ore to OB ratio for the pit/mine during the year	<p align="center">1: 0.023</p> <p>(OB: 55000 CuM + Waste: 72727 CuM = 127727 CuM)</p>	<p align="center">1: 0.035</p> <p>(Waste: 151997 CuM)</p>	-
3o	Total area put in use under different heads at the end of year	<p><b>Pit-</b> 165.12 Ha. <b>Waste/reject-</b> 6.27 Ha. <b>Others-</b> 77.75 Ha.</p>	<p><b>Pit-</b> 123.639 Ha. <b>Waste/reject-</b> 5.727 Ha. <b>Others-</b> 159.85 Ha.</p>	Out of 159.85 Ha., 86.100 Ha. area has been used for green belt.
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	<p><b>Yr- 2014-15:</b> 5200000.00 Metric Tonnes <b>Yr- 2015-16:</b> 5500000.00 Metric Tonnes <b>Yr- 2016-17:</b> 5500000.00 Metric Tonnes <b>Yr- 2017-18:</b> 4200000.00 Metric Tonnes <b>Yr- 2018-19:</b> 5500000.00 Metric Tonnes</p>	<p><b>Yr- 2014-15:</b> 3414313.00 Metric Tonnes <b>Yr- 2015-16:</b> 3973931.00 Metric Tonnes <b>Yr- 2016-17:</b> 3416172.00 Metric Tonnes <b>Yr- 2017-18:</b> 3793870.00 Metric Tonnes <b>Yr- 2018-19:</b> 4302100.00 Metric Tonnes</p>	-
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, Waste and Mineral Reject/Screen Reject.	Being done as per proposal.	-
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	In between UTM co-ordinates <b>OB:</b> N2405440 to N2405740 and E624485 to E624730 <b>Waste:</b> N2406120 to N2406330 and E624520 to E624680	In between UTM co-ordinates <b>OB:</b> N2405440 to N2405740 and E624485 to E624730 <b>Waste:</b> N2406120 to N2406330 and E624520 to E624680	-
4c	Number of dumps within lease area and outside lease area	02 nos.	02 nos.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	Proposed beyond ultimate pit limit.	Dumping has been done beyond ultimate pit limit.	-
4e	Number of active & alive dumps	02 nos.	02 nos.	-
4f	Number of dead dumps	No dead dumping has been proposed in the approved document.	Not applicable.	-
4g	Number of dumps stabilised	Proposal has not been given in the approved document for stabilization of dumps.	Not applicable.	-
4h	Whether Retaining wall or garland drain all along dumps are there	Proposal has not been given in the approved document for construction of Garland Darin and Retaining Wall.	Garland drain and Retaining wall have already been constructed around waste and OB dump to prevent surface runoff.	-
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 construction of	Not applicable.	-



		settling ponds.	
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	Temporary backfilling in between UTM co-ordinates N2405053 to N2405181 and E624819 to E624911 has been proposed in the approved document for construction of view point as well as for mineral/waste transportation through haul road.	Being done as per proposal.	-
5b	Area under backfilling of mined out area	Area not mentioned in the approved document.	Approx 0.35 Ha. area has temporarily been backfilled.	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	As per the approved document no topsoil will be generated during F.Y. 2018-19.	Negligible quantity of topsoil has been generated during F.Y. 2018-19 as same has been utilised for plantation purpose.	-
5d	Total area fully reclaimed & rehabilitated	Proposal has been given in the approved document for temporary backfilling for haul road as well as for construction of view point.	Approx 0.35 Ha. area has temporarily been backfilled and around view point plantation has been done.	-
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.	Submitted on due time.	Furnished information has been cross verified during inspection.	-

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6b	<p>Management of worked/mined out benches</p> <p>i) Area available for rehabilitation (ha)</p> <p>ii) Afforestation done (ha)</p> <p>iii) No. of saplings planted during the year</p> <p>iv) Cumulative no. of plants</p> <p>v) Any other specific method of rehabilitation</p> <p>vi) Cost incurred on watch &amp; care during the year</p>	<p>1.0 Ha.</p> <p>14.30 Ha. 2500 nos.</p> <p>49100 nos.</p> <p>By Plantation</p> <p>Not mentioned in the approved document.</p>	<p>1.0 Ha.</p> <p>14.30 Ha. 3000</p> <p>366875 nos.</p> <p>By Plantation</p> <p>No record has been maintained.</p>	-
6c	<p>Compliance on reclamation and rehabilitation by backfilling</p> <p>i) Voids available for backfilling (L X B X D)</p> <p>ii) Void filled by waste/tailings</p> <p>iii) Afforestation on the backfilled area</p> <p>iv) Rehabilitation by making water reservoir</p> <p>v) Any other specific means</p>	<p>Volume has not been mentioned in the approved document</p> <p align="center">-do-</p> <p>Not mentioned in the approved document.</p> <p>Proposal has not been given in the approved document.</p> <p>No other information has been mentioned in the approved document.</p>	<p>0.35 Ha.</p> <p>0.35 Ha.</p> <p>Plantation has been done around view point.</p> <p>Not applicable</p> <p>Not applicable.</p>	-
6d	<p>Compliance of Rehabilitation of waste land within lease</p> <p>i) Afforestation</p> <p>ii) Area rehabilitated (ha)</p> <p>iii) Method of rehabilitation</p>	<p>Proposal has not been given in the approved document for rehabilitation of waste land within lease area.</p>	<p>Not applicable.</p> <p>Plantation has been done around view point.</p>	-
6e	<p>Compliance of Environmental monitoring (core zone &amp; buffer zone)</p>	<p>Proposal has been given in the approved document for regular monitoring of the Ambient Air, Water Quality and Noise Vibration.</p>	<p>Being done as per proposal.</p>	<p>All the parameters are within the prescribed limit.</p>
6f	<p>General remarks of inspecting officer on PMCP compliance &amp; progressive</p>	<p>NIL</p>		

**7.0 Mineral Conservation**

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposal has been given in the approved document for dry Crushing and Screening before dispatch of ROM Mineral to the captive plant.	Being done as per proposal.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Dry Crushing and Screening has been proposed through Mechanised means.	Being done as per proposal.	-
7c	Different grade of mineral sorted out at mines	Proposal has been given in the approved document for dry Crushing and Screening before dispatch of ROM Mineral to the captive plant.	Being done as per proposal.	-
7d	Any beneficiation process at mines	Proposal has not been given in the approved document for beneficiation during plan period.	Not applicable.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NIL		

**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.	Negligible quantity of topsoil has been produced during F.Y. 2018-19, and same has been utilised for plantation purpose.	-
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 dumping of Topsoil, OB, Waste and Mineral Reject/Screen Reject.	Being done as per proposal.	-
8d	Use of overburden, waste rock, rejects and fines	0.35 Ha area has been considered for	Being done as per proposal.	-

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	dumps for restoring the land to its original use	temporary dumping for construction of view point.		
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposal has been given in the approved document for phase restoration of waste dumps and 7.5m barrier zone through plantation.	Being done as per proposal.	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	2500 nos. of saplings will be planted during the F.Y. 2018-19.	3000 nos. of sapling have been planted during F.Y. 2018-19.	-
8g	Survival rate	Not mentioned in the approved document.	Approx 80%	-
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling through water tanker to control airborne dust generated during mining operations.	Being done as per proposal.	-
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 – December 2019 A.R. submitted upto- F.Y. 2018-19	-

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	<b>Mining Engineer:</b> Shri Ved Prakash Dewangan <b>Geologist:</b> Shri Rajesh Singh <b>Manager:</b> Shri Nitesh Raghuvanshi	<b>Mining Engineer:</b> Shri Ved Prakash Dewangan <b>Geologist:</b> Shri Rajesh Singh <b>Manager:</b> Shri Ashok Kumar Singh	Shri Ashok Kumar Singh appointed as Manager (Mines) w.e.f. 22/07/2019
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<b>Pit-</b> 123.639 Ha. <b>Waste/reject-</b> 5.727 Ha. <b>Others-</b> 159.85 Ha.	<b>Pit-</b> 123.639 Ha. <b>Waste/reject-</b> 5.727 Ha. <b>Others-</b> 159.85 Ha.	Out of 159.85 Ha., 86.100 Ha. area has been used for green belt.

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9d	Scrutiny of Annual return on Afforestation	<b>Within Lease Area:</b> 3000 nos. with 80% survival rate <b>Outside Lease Area:</b> 2000 nos. with 80% survival rate	<b>Within Lease Area:</b> 3000 nos. with 80% survival rate <b>Outside Lease Area:</b> 2000 nos. with 80% survival rate	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	164740.00 Metric Tonnes  Grade: Not mentioned in the annual returns.	164740.00 Metric Tonnes  Grade: Could not be ascertained as no grade has reported in the annual returns.	As per the last approved document no Mineral Reject will be generated during F.Y. 2018-19. Deviation has been pointed out.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	<b>Closing Stock:</b> ROM: NIL Cement Grade Limestone: NIL	<b>Closing Stock:</b> ROM: NIL Cement Grade Limestone: NIL	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	<b>Sale Value:</b> NIL <b>Ex-Mines Price:</b> Rs. 237.15 Per Metric Tonne <b>Cost of Production:</b> Rs. 237.15 Per Metric Tonne.	<b>Sale Value:</b> NIL <b>Ex-Mines Price:</b> Rs. 237.15 Per Metric Tonne <b>Cost of Production:</b> Rs. 237.15 Per Metric Tonne.	-
9i	Scrutiny of Annual return on fixed assets	Value: Rs. 0.00	Rs. 13214894637.00 has been considered as Net Balance and Description has been done with the same amount.	Deviation has been pointed out.
9k	Scrutiny of Annual return on mining machineries	Given in the annual returns.	Cross verified from the field log books.	-

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

No Outstanding violations have been found.

Date of Last Inspection, Name and Designation of the Inspecting Officer:

Shri Rajesh Kumar Das, Sr. Asstt. Controller of Mines, Date of Inspection: 16/05/2019

Shri. B. L. Gurjar, Regional Controller of Mines, Date of Inspection: 29/08/2019 (Check Inspection)

File No. CHG/RAP/LST-40/RPR VOL. II

Details of the Violations Pointed-out during Inspections:

नियम	उल्लंघन के प्रकार का विस्तृत ब्यौरा
<b>Rule 11(1)</b>	<p>The following deviations have been found in the mine from the approved Modified Mining Plan vide letter no. BBZ/LST/MPLN-1130/2017-RPR Raipur dated 05/01/2018 for the period of F.Y. 2017-18 to 2020-21:</p> <p><b>Production of Mineral Reject:</b> No proposal has been given in the approved Modified Mining Plan for generation of Mineral-Reject during F.Y. 2018-19, whereas, 164740.00 Metric Tonnes of Mineral Reject has been generated during F.Y. 2018-19.</p>
<b>Rule 33</b>	<p>Updated print copy of the surface Geological Sections have not been submitted before 30th day of June for the financial year 2018-19.</p>
<b>Rule 45(7)</b>	<p><b>Annual Return F.Y. 2018-19:</b></p> <p><b>Part-II A; Capital Structure:</b> Value of Fixed Assets (in ₹) has been reported as '0' (Zero), whereas, value of Net Closing Balance of Fixed Assets has been computed as Rs. 13214894637.00</p> <p><b>Part – V; General Geology &amp; Mining (Sec 1/2 for Limestone); Sec 4. Mineral Rejects for Limestone:</b> Grade of Mineral Reject have not been mentioned.</p> <p><b>Part – VII; COST OF PRODUCTION:</b></p> <p>During F.Y. 2018-19, total 44 nos. of core boreholes have been drilled and expenditure of Rs. 29,20,715/- has been incurred for exploration/drilling. Hence, Cost of Exploration should be considered and included for computation of Cost of Production of Mineral Per Metric Tonne.</p>

(Name of the Inspecting Officer and Designation and Date)

Shaival Kartikeya  
Jr. Mining Geologist  
Indian Bureau of Mines, Raipur  
Date of inspection: 03/12/2019