

**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 Ritesh Kaimal, Head & Manager (Mines) Shri Rajesh Kumar Rathore, Mining Engineer
3	Date of inspection	06/11/2019
4	Name of the Mine	Arasmeta Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: NIL Non-Forest: 499.987 Ha. Total Lease Area: 499.987 Ha.
6	Mine Code	38MPR06003
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/378/2011
8	Name of the lessee, Address, phone, email and fax number	M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited) Equinox Business Park, Tower 3, East Wing, 4th Floor, LBS Road, Kurla (West), Mumbai – 400 070 Phone: +91 (0) 22- 67692500 Fax: +91 (0) 22 – 66306510 Email: jayakumar.krishnaswamy@nuvoco.in
9	Village	Arasmeta
10	Taluka / Mandal / District	Tehsil Akaltara, Distrioct Janjgir Champa
11	State	Chhattisgarh
12	Post office & PIN	Gopalnagar, Pin Code: 495 663
13	Nearest police station	Mulmula
14	Nearest Railway station	Akaltara
15	Date of Grant of Mining Lease	31/05/1979 to 30/05/1999 (20 years)
16	Date of Execution	31/05/1979
17	Date of opening of Mine	17/09/1979
18	Date of first Renewal, if applicable and its period & expiry	31/05/1999 to 30/05/2019 (20 years) dated 15/01/2001 Initially Mining Lease has been granted to M/s Raymond Limited, Ratnagiri Maharashtra.  Later on Mining lease has been transferred to M/s Lafarge India Limited, Mumbai dated 17/01/2001  Thereafter addendum to mining lease agreement from M/s Lafarge India Limited to M/s Nuvoco Vistas Corporation Limited dated 30/11/2017
19	Date of second Renewal, if applicable and its period & expiry	31/05/2019 to 31/03/2030 (11 Years)  As per section 8A of MMDR Amendment Act, 2015, Mining Lease Period has been extended for 50 years. (For Captive Lease) i.e. extended up to 31/03/2030  <b>Supplementary lease agreement for extended period has been made on 13/04/2017</b>

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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	Shri Jaya Kumar Krishnaswamy, Managing Director M/s Nuvoco Vistas Corporation Limited Equinox Business Park, Tower 3, East Wing, 4th Floor, LBS Road, Kurla (West), Mumbai – 400 070 Phone: +91 (0) 22- 66306510 Fax: +91 (0) 22 – 67692595 Email: jayakumar.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 Sanjay Kumar Tyagi, Head (Plant) Arasmeta Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited), P.O-Gopalnagar, Tehsil- Akaltra, District- Janjgir Champa, Chhattisgarh - 495663 Phone: +91 (0) 7817-233234, Fax: +91 (0) 7817-234237,234286 Email: sanjay.tyagi@nuvoco.in Date of Appointment: 01/08/2017
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Ritesh Kaimal, AGM (Mines) Arasmeta Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited), P.O-Gopalnagar, Tehsil- Akaltra, District- Janjgir Champa, Chhattisgarh - 495663 Phone: +91 (0) 7817-233234, Mobile: +91 (0) 9893019619 Fax: +91 (0) 7817-234237,234286 Email: ritesh.kaimal@nuvoco.in Date of Appointment: 16/05/2016
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Yes, appointed. Shri Soumya Ranjan Satapathy, Asstt. Manager Qualification: B. Tech. (Mining), 2010 Experience: +9 Years Arasmeta Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited), P.O-Gopalnagar, Tehsil- Akaltra, District- Janjgir Champa, Chhattisgarh - 495663 Phone: +91 (0) 7817-233234, Mobile: +91 (0) 9589010770 Fax: +91 (0) 7817-234237,234286 Email: soumyaranjan.satapathy@nuvoco.in Date of Appointment: 28/03/2019
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 Ajay Pratap Singh, Sr. Manager Qualification: M. Sc. (Geology), 1998 Experience: +16 Years Arasmeta Cement Plant M/s Nuvoco Vistas Corporation Limited (Formerly Lafarge India Limited), P.O-Gopalnagar, Tehsil- Akaltra,

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		District- Janjgir Champa, Chhattisgarh - 495663 Phone: +91 (0) 7817-233234, Mobile: +91 (0) 7898900524 Fax: +91 (0) 7817-234237,234286 Email: ajay01.singh@nuvoco.in Date of Appointment: 02/01/2012
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	<p><b>Mining Plan</b> approved vide letter no. 314(3)/2000-MCCM(C)/MP-20 Nagpur dated 12/01/2001 Proposal Period: 2001-02 to 2005-06 (5 Years)</p> <p><b>Mining Plan</b> approved vide letter no. 314(3)-2001-MCCM(C)/MP-07 Nagpur dated 02/09/2002 Proposal Period: 2001-02 to 2005-06</p> <p><b>Modified Mining Plan</b> approved vide letter no. 314(3)-2005-MCCM(CZ)/MP-35 Nagpur dated 23/08/2006 Proposal Period: 2001-02 to 2005-06</p> <p><b>Part Surrender Final Mine Closure Plan</b> approved vide letter no. 314(3)/2005/MCCM(CZ)/PMCP-09 Nagpur dated 17/03/2008 (For 18.07 Ha.)</p> <p><b>Mining Plan</b> approved vide letter no. 314(3)/2007-MS/PMCP-22 Nagpur dated 17/03/2008 Proposal Period: 2006-07 to 2010-11</p> <p><b>Part Surrender Final Mine Closure Plan</b> approved vide letter no. 314(3)/2011/MCCM(CZ)/FMCP-02 Nagpur dated 20/12/2011 (For 3.83 Ha.)</p> <p><b>Modified Mining Plan</b> approved vide letter no. BLS/LST/MPLN-80/NGP/2015/22-RPR Raipur dated 09/08/2016 Proposal Period: 2016-17 to 2020-21</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><b>Scheme of Mining</b> approved vide letter no. 314(3)/2007/MS/PMCP-28 Nagpur dated 18/03/2008 Proposal Period: 2006-07 to 2010-11</p> <p><b>Scheme of Mining</b> approved vide letter no. 314(3)/2012/MS-23 Nagpur dated 06/03/2013 Proposal Period: 2011-12 to 2015-16</p>
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 27,00,000.00 Metric Tonnes Obtained from Ministry of Environment and Forest, Government of India, New Delhi dated 18/07/2005 vide letter no. J-11015/64/2003-IA-II(M) New Delhi Dated 18/07/2005
33	Status of Financial Assurance as per rule 27 of	Rs. 59,42,700/- vide BG no. 1637616BG0000102 dated 09/02/2016

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MCDR, 2017	Validity: 01/04/2016 to 31/03/2021 Rs. 6,53,69,700/- vide BG no. 1637617BG0000247 dated 22/03/2017 Validity: 22/03/2017 to 31/03/2021 (Total Amount Rs. 7,13,12,400/-)
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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	No exploration has been proposed in the approved document during F.Y. 2018-19.	Not applicable	As per the approved Modified Mining Plan, the entire mineralised zone within lease area has been explored in G1 level of exploration
1b	Exploration over lease area for Geological axis 1 or 2.	-do-	-do-	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	-do-	-do-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No exploration has been proposed in the approved document during MMP period.	As per the approved document G1: 360.35 Ha. G3: 36.82 Ha. Non-Mineralised: 102.817 Ha.	-
1e	Balance reserves as on 01.04.2019 (in Million Tonnes)	Under (111): 26.97 Million Tonnes Under (211): 11.202 Million Tonnes Under (331): 1.18 Million Tonnes Under (333): 9.98 Million Tonnes	Under (111): 27.60 Million Tonnes Under (211): 11.202 Million Tonnes Under (331): 1.18 Million Tonnes Under (333): 9.98 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)	<b>2018-19:</b> In between local co-ordinates <b>Block A:</b> <b>(i)</b> N2428750 to N2429640 E637740 to E639130 <b>(ii)</b> N2428394 to N2429294 and E639110 to E639980 <b>Block B:</b> N2428130 to N 2429090 and E636890 to E637924	<b>2018-19:</b> In between local co-ordinates <b>Block A:</b> <b>(i)</b> N2428750 to N2429640 E637740 to E639130 <b>(ii)</b> N2428394 to N2429294 and E639110 to E639980 <b>Block B:</b> N2428130 to N 2429090 and E636890 to E637924	No major deviation has been pointed out.
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Topsoil/OB: 01 no. Ore/Mineral: 04 nos.	Topsoil/OB: 01 no. Ore/Mineral: 04 nos.	-
2c	Stripping ratio or ore to OB ratio	1:0.301	1:0.20	-
2d	Quantity of topsoil generation in m3	185381.00 CuM	182270.67 CuM	-do-
2e	Quantity of overburden generation in m3	818808.00 CuM	149275.56 CuM	-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	03 no.	03 nos.	-
3b	Quantity of ROM mineral production proposed	2047019.00 Metric Tonnes	1654875.75 Metric Tonnes	-
3c	Recovery of salable/usable mineral from ROM production	85%	85%	-do-
3d	Quantity of mineral reject generation	No mineral reject will be generated during MMP Period.	Not applicable.	-do-
3e	Grade of mineral reject generation and threshold value declared	Not mentioned in the approved document	Not applicable.	-do-
3f	Quantity of sub-grade mineral generation	No mineral sub-grade will be generated during MMP Period.	Not applicable.	

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3g	Grade of sub-grade mineral generation	Not mentioned in the approved document	Not applicable.	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised crushing and screening has been proposed in the approved document.	-do-	-do-
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 MMP period.	-do-	-do-
3j	Provision of drilling & blasting in mineral benches	Dia.: 102mm to 115 mm Spacing: 4.5 m to 5.0 m Burden: 2.5 m to 3.0 m Depth: 6.0 m to 8.0 m	Dia.: 115 mm Spacing: 4.5 m to 5.0 m Burden: 2.5 m to 3.0 m Depth: 6.0 m to 8.0 m	-do-
3k	Provision of mining machineries in mineral benches	<ol style="list-style-type: none"> <li>1. Drill Machine 03 nos. With 102 mm to 115 mm dia capacity</li> <li>2. Hydraulic Excavator 04 no. with 4.0 CuM bucket capacity</li> <li>3. Dozer 02 no. With 10.4 Metric Tonne blade capacity</li> <li>4. Dumpers 10 nos. with 30 Metric Tonnes (08 nos.) to 35 Metric Tonnes (02 nos.) capacity</li> <li>5. Water Tanker with 10 KL and 20 KL</li> <li>6. Explosive van 02 no. With 10 metric tonnes and 7 metric tonnes capacity</li> <li>7. Electric pumps 06 nos. with 60HP (03</li> </ol>	<ol style="list-style-type: none"> <li>1. Drill Machine 03 nos. with 115 mm dia capacity</li> <li>2. Hydraulic Excavator 04 no. with 4.0 CuM (03 nos.) and 4.2 CuM (01 nos.) bucket capacity</li> <li>3. Dozer 02 no. With 10.4 Metric Tonne blade capacity</li> <li>4. Dumpers 09 nos. with 30 Metric Tonnes (07 nos.) to 35 Metric Tonnes (02 nos.) capacity</li> <li>5. Water Tanker with 10 KL and 20 KL</li> <li>6. Explosive van 02 no. With 10 metric tonnes and 7 metric tonnes capacity</li> <li>7. Electric Pumps 06 nos. with 100 HP (01 nos.) 150 HP (01 nos.) and 75 HP (01 no.) capacity</li> <li>8. Rock Breaker/ Terminator 02 no.</li> </ol>	-do-

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		nos.) 150 HP (02 nos.) and 75 HP (01 no.) capacity 8. Rock breaker/ Terminator 01 no.		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height Topsoil/OB: 2.0 m to 3.3 m Ore/Mineral: 3.0 to 8.0 m Width: Topsoil/OB: 12.0 m Ore/Mineral: 21.0 m	Topsoil/OB: 2.0 m to 3.3 m Ore/Mineral: 3.0 to 8.0 m Width: Topsoil/OB: 12.0 m Ore/Mineral: 21.0 m	-do-
3m	Total area covered under excavation/pits	186.068 Ha. up to end of MMP period.	178.79 Ha. up to end of F.Y. 2018-19.	-do-
3n	Ore to OB ratio for the pit/mine during the year	1:0.301	1:0.20	-
3o	Total area put in use under different heads at the end of year	Pit- 186.068 Ha. Waste/reject- NIL Ha. Others- 51.64 Ha. Up to end of MMP period	Pit- 170.350 Ha. Waste/reject- 27.500 Ha. Others- 98.760 Ha. Up to end of F.Y. 2018-19 period	Area Proposed under utilization in different heads is 237.708 ha. whereas, 296.61 ha. area has been utilised up to end of F.Y. 2018-19. Hence 58.902 ha. excess area has been utilised.
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	Yr- 2014-15: 2182850.00 Metric Tonnes Yr- 2015-16: 2209080.00 Metric Tonnes Yr- 2016-17: 2043985.00 Metric Tonnes Yr- 2017-18: 2011985.00 Metric Tonnes Yr- 2018-19: 2047019.00	Yr- 2014-15: 1887597.00 Metric Tonnes Yr- 2015-16: 1654875.75 Metric Tonnes Yr- 2016-17: 1813006.00 Metric Tonnes Yr- 2017-18: 2011532.00 Metric Tonnes Yr- 2018-19: 1691857.00 Metric	

		Metric Tonnes	Tonnes	
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 for separate dumping of Topsoil, Overburden, Mineral, Mineral Sub-grade and Mineral reject have been given in the approved document.	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>Block A:</b> <b>Topsoil &amp; Waste:</b> (i) N2429010 to N2429134 and E638319 to E638634 (ii) N2428987 to N2429059 and E639592 to E639722	In between UTM co-ordinates <b>Block A:</b> <b>Topsoil &amp; Waste:</b> (i) N2429010 to N2429134 and E638319 to E638634 (ii) N2428987 to N2429059 and E639592 to E639722	-
4c	Number of dumps within lease area and outside lease area	<u>Within Lease Area:</u> Topsoil/OB/Waste: 03 no. Mineral Sub-grade: nil	<u>Within Lease Area:</u> Topsoil/OB/Waste: 03 no. Mineral Sub-grade: nil	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	Proposed beyond ultimate pit limit.	Being done as per proposal.	-
4e	Number of active & alive dumps	03 nos.	03 nos.	-
4f	Number of dead dumps	Proposal has not been given in the approved document.	-do-	06 no. of old dumps have been observed in block A within lease area
4g	Number of dumps stabilised	Proposal has been given in the approved document for 01 no of dump stabilization in block A.	Proposed area has been reclaimed and plantation over waste dump has been done for dump stabilization.	-



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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 and retaining/boulder wall around waste dump to prevent surface run off.	Garland drain and retaining wall have been constructed around waste dumps near lease boundary.	-
4i	Length of Retaining wall or garland drain all along dump	Length has not been mentioned in the approved document.	Garland drain: Approx 1863.0 Meters Retaining/Boulder Wall: Approx 815.0 Meters	-
4j	Number of settling ponds	Proposal has not been given in the approved document for construction of settling ponds around waste dump to prevent surface run off.	Garland drain has been constructed around waste dumps near lease boundary to prevent surface run off.	-
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 for full extraction of mineral from mined out area before starting backfilling has been given in the approved document. In-between UTM Co-ordinates <b>Block A</b> <b>Pit 1:</b> N2429000 to N2429295 and E637760 to E638820 <b>Pit 2: (i)</b> N2428896 to N2429110 and E639470 to E639555 <b>(ii)</b> N to N and E639585 to E639685	Being done as per proposal given in the approved document In-between UTM Co-ordinates <b>Block A</b> <b>Pit 1:</b> N2428950 to N2429250 and E637750 to E638830 <b>Pit 2: (i)</b> N2428850 to N2429050 and E639475 to E639575 <b>(ii)</b> N2428690 to N2428985 and E639570 to E639725	-
5b	Area under backfilling of mined out area	-do-	-do-	-

5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Proposal has been given in the approved document for concurrent use of topsoil for restoration of the ground.	Being done as per proposal given in the approved document.	-
5d	Total area fully reclaimed & rehabilitated	Proposal for reclamation and rehabilitation has been given in the approved document in worked out benches. 1.25 Ha. area will be reclaimed and rehabilitated during plan period.	Being done as per proposal. Approx 1.47 Ha. area has been backfilled and reclaimed up to end of F. Y. 2018-19.	Total 39.26 Ha. area has been fully reclaimed and rehabilitated.
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 time.	The given information has been cross verified.	-
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	1.25 Ha. NIL 200 nos. 600 nos. By Plantation Rs. 1,10,000/-	1.25 Ha. NIL 200 nos. 600 nos. By Plantation No record has been maintained.	-
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	1.50 Ha. 1004189.00 CuM Waste, including topsoil 5000 nos.	1.50 331546.23 CuM Waste, including topsoil 5000 nos.	-

	iv) Rehabilitation by making water reservoir v) Any other specific means	Not Proposed.  Not Given in the approved document	Not applicable.  Not applicable.	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	3000 nos. 1.25 Ha. By plantation.	3000 nos. 1.25 Ha. By plantation.	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been in the approved document for regular monitoring of environmental parameters at core and buffer zone.	Being done as per proposal.	All the parameters are within the prescribed limit.
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	ROM Mineral will directly be dispatched from the lease area to the captive plant after mechanised crushing and screening.	Being done as per proposal.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised crushing and screening.	-do-	-
7c	Different grade of mineral sorted out at mines	Mechanised sorting has been proposed in the approved document before dispatch of the ROM to the captive plant.	-do-	-
7d	Any beneficiation process at mines	No beneficiation process has been proposed in the approved document during plan period.	-do-	-
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	Proposal has been given in the approved	Being done as per proposal.	-

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	36)	document for separate removal of topsoil and its utilization.		
8b	Concurrent use or storage of topsoil	Proposal has been given in the approved document for concurrent use of topsoil.	Being done as per proposal.	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Separate dumping of Topsoil, Overburden, Mineral, Mineral Sub-grade and Mineral reject have been proposed in the approved document.	Being done as per proposal.	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposal has not been given in the approved document for restoration of land during plan period.	Being done as per proposal.	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposal for reclamation in 1.5 ha. area yearly has been given in the approved document in the mined out area.	Being done as per proposal.	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	2018-19: 5000 nos. saplings will be planted.	2018-19: 5000 nos. saplings have been planted over the reclaimed area.	-
8g	Survival rate	Not mentioned in the approved document.	Approx 70%	-
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling on roads through water tanker.	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 – October 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	<b>Mining Engineer:</b> Shri Rajesh Kumar	<b>Mining Engineer:</b> Shri Rajesh Kumar	-

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	Engineer, Geologist and Manager	Rathore <b>Geologist:</b> Shri Ajay Pratap Singh <b>Manager:</b> Shri Ritesh Kaimal	Rathore <b>Geologist:</b> Shri Ajay Pratap Singh <b>Manager:</b> Shri Ritesh Kaimal	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 186.068 Ha. Waste/reject- NIL Ha. Others- 51.64 Ha. Up to end of MMP period	Pit- 170.350 Ha. Waste/reject- 27.500 Ha. Others- 98.760 Ha. Up to end of F.Y. 2018-19 period	58.902 ha. excess area has been utilised in different heads. Deviation has been pointed out
9d	Scrutiny of Annual return on Afforestation	Within lease area: 7108 nos.	Within lease area: Approx 5000 nos.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	723193.00 Metric Tonnes Grade not mentioned.	The entire material above prescribed threshold value has been consumed in the captive plant. The shown quantity belongs to waste.	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock: ROM: NIL Graded Ore: NIL	Closing Stock: ROM: NIL Graded Ore: NIL	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	<b>Sale Value:</b> NIL <b>Ex-Mine Price:</b> 315.89 Per Metric Tonne <b>Cost of Production:</b> 246.43 Per Metric Tonne	Ex. Mine price & production cost has been obtained from A.R. for F.Y 2018-19. For Captive users Ex Mine Price should be similar to the Cost of Production.	Deviation has been pointed out in the Annual Returns.
9i	Scrutiny of Annual return on fixed assets	Rs. 270773152/-	Rs. 270773152/-	-
9k	Scrutiny of Annual return on mining machineries	Given in the annual returns.	Verified from the machinery log books.	-

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: 21/06/2019.

Details of the Violations Pointed-out during Inspections:

नियम	उल्लंघन के प्रकार का विस्तृत ब्यौरा
<b>Rule 45</b> <b>(7)</b>	<p><b>Annual return for F.Y. 2018-19:</b></p> <p><b>(i)</b> Part I; 12: As per the approved Modified Mining Plan, 237.708 ha. lease area has been considered for calculation of Financial Assurance up to the end of the Plan Period whereas, 296.610 ha. area has been utilized till the end of F.Y. 2018-19. Financial Assurance in the form of Bank Guarantee for the excess used 58.902 ha. lease area has to be submitted under rule 27(1) of MCDR, 2017 to the authorized officer.</p> <p><b>(ii)</b> Part V: 4.2(B) (ii) Mineral Rejects generated with grades (tonnes): Since there is no mineral reject present in the mine and the mentioned quantity in this para is below the threshold value hence, this quantity may be removed from this para and same may be shown in para Part V; 4.2 (C) Total quantity of Overburden/Waste removed during the year (tonnes) may be mentioned..</p> <p><b>(iii)</b> Part VI; Production, Dispatches and Stock: ROM (Production) &amp; Grade Wise Production (1691857.000 Metric Tonnes) reported in the annual return for the F.Y. 2018-19 is not matching with the ROM (Production) &amp; Grade Wise Production (1654871.260 Metric Tonnes) reported in the Monthly Returns for the month of April 2018 to March 2019.</p> <p><b>(iv)</b> Part VI; Ex-mine price for the cement grade Limestone should be similar to the cost of production as computed in Part VII. (For Captive Use)</p>

(Name of the Inspecting Officer and Designation and Date)

Shaival Kartikeya  
 Jr. Mining Geologist  
 Indian Bureau of Mines, Raipur  
 Date of inspection: 06/11/2019