

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	Accompanying Mine Official with Designation	Shri R. P. S. Bhatia, Mines Manager Shri S. K. Tamrakar, Mining Engineer
3	Date of inspection	06/11/2020
4	Name of the Mine	Century Cement Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest: 237.003 Ha. Forest: NIL Total Lease Area: 237.003 Ha.
6	Mine Code	38MPR28001
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4952/2011
8	Name of the lessee, Address, phone, email and fax number	<p>Registered Office: M/s UltraTech Cement Limited, Address - 'B' Wing, Ahura Centre, 2nd floor, Mahakali Caves Road, Andheri (E), Mumbai 400093 Fax No.: +91 (0) 22 - 66928109 Phone No.: +91 (0) 22 - 66917800 Email - ajit.ostwal@adityabirla.com</p> <p>Local Corresponding Address: M/s UltraTech Cement Limited, Unit: Baikunth Cement Works, P.O. Baikunth, Tehsil: Tilda, District: Raipur, Pin Code: 493 116 (Chhattisgarh) Phone: +91 (0) 7721 – 261222/23 Fax: +91 (0) 7721 - 261230 Email: utcl_bcw.mines@adityabirla.com</p>
9	Village	Bahesar and Tulsi
10	Taluka / Mandal / District	Tehsil: Tilda, District: Raipur
11	State	Chhattisgarh
12	Post office & PIN	Baikunth, Pin Code: 493 116
13	Nearest police station	Tilda – Neora
14	Nearest Railway station	Tilda – Nerora
15	Date of Grant of Mining Lease	04/08/1969 to 03/08/1989 (20 Years)
16	Date of Execution	04/08/1969
17	Date of opening of Mine	30/11/1971
18	Date of first Renewal, if applicable and its period & expiry	1st Renewal 04/08/1989 to 03/08/1999 (10 Years)
19	Date of second Renewal, if applicable and its period & expiry	2nd Renewal 04/08/1999 to 03/08/2019 (10 Years) As per section 8A of MMDR Amendment Act, 2015, Captive Mining Lease has been extended for 50 years or up to 31/03/2030 whichever is later. Extended Period: 04/08/2019 to 31/03/2030 (11 Years)

		Supplementary Mining Lease Agreement for extended period has been made on 17/01/2020.
20	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Transfer of the Mining Lease from M/s Century Textile Industries Limited to M/s UltraTech Cement Limited is under process.
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri R. K. Dalmia, Whole Time Director M/s. Century Textiles and Industries Ltd., Century Bhawan, Dr. Annie Besent Road, Warli, Mumbai – 400 030 Phone:+91 (0) 22 - 24957000 Fax: +91 (0) 22 - 24309491 Email: centextho@centurytext.com Date of appointment: 15/09/2018
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri B. P. Mishra, Sr. Vice President M/s UltraTech Cement Limited Unit: Baikunth Cement Works, P.O. Baikunth, Tehsil: Tilda, District: Raipur, Pin Code: 493 116 (Chhattisgarh) Phone: +91 (0) 7721 – 261222/23 Fax: +91 (0) 7721 - 261230 Mobile: +91 (0) 94242 07037 Email: bpmishra@adityabirla.com Date of Appointment: 01/08/2004
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri R. P. S. Bhatia M/s UltraTech Cement Limited Unit: Baikunth Cement Works, P.O. Baikunth, Tehsil: Tilda, District: Raipur, Pin Code: 493 116 (Chhattisgarh) Phone: +91 (0) 7721 – 261222/23 Fax: +91 (0) 7721 - 261230 Mobile: +91 (0) 94255 26118 Email: rps.bhatia@adityabirla.com Date of Appointment: 11/10/2006
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Shrishir Kumar Tamrakar Qualification: M. Tech. (Mining Engineering) Experience: +16 Years M/s UltraTech Cement Limited Unit: Baikunth Cement Works, P.O. Baikunth, Tehsil: Tilda, District: Raipur, Pin Code: 493 116 (Chhattisgarh) Phone: +91 (0) 7721 – 261222/23 Fax: +91 (0) 7721 - 261230 Mobile: +91 (0) 73548 842205 Email: s.tamrakar@adityabirla.com Date of Appointment: 11/10/2006 (Common for both mining leases i.e. 38CHG14024 and 38MPR28001)
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 Narendra Kumar Payasi Qualification: M. Tech. (Applied Geology) Experience: +12 Years M/s UltraTech Cement Limited Unit: Baikunth Cement Works, P.O. Baikunth, Tehsil: Tilda, District: Raipur, Pin Code: 493 116 (Chhattisgarh)

File No. CHG/RAP/LST-32/RPR Vol. II

		<p>Phone: +91 (0) 7721 – 261222/23 Fax: +91 (0) 7721 - 261230 Email: utcl_bcw.mines @adityabirla.com Date of Appointment: 16/10/2006 (Common for both mining leases i.e. 38CHG14024 and 38MPR28001)</p>
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-31/NGP Nagpur dated 19/10/1988</p> <p>Modified Mining Plan approved vide letter no. RAP/LST/MPLN-31/NGP Nagpur dated 26/07/1990</p> <p>Mining Plan approved vide letter no. 314(3)/98-MCCM(C)/MP Nagpur dated 17/09/1999 Proposal Period: 1999-2000 to 2003-04</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>1st Scheme of Mining approved vide letter no. 314(3)/2004-MCCM(C)/S-4 Nagpur dated 04/11/2004 Proposal Period: 2004-05 to 2008-09</p> <p>2nd Scheme of Mining approved vide letter no. 314(3)/2008-MCCM(CZ)/MP/MS/PMCP-32 Nagpur dated 17/07/2009 Proposal Period: 2009-10 to 2013-14</p> <p>3rd Scheme of Mining approved vide letter no. RAP/LST/MPLN-31/NGP Nagpur dated 11/06/2014 Proposal Period: 2014-15 to 2018-19</p> <p>Review of Mining Plan approved vide letter no. RPR/LST/MPLN-1177/2018/RPR Raipur dated 22/11/2018 Proposal Period: 2019-20 to 2023-24</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	Captive
32	Existing EC Limit and validity	<p>Limestone 1.80 Million Tonnes Per Annum obtained from the Ministry of Environment & Forest, Government of India vide letter no. J-11015/121/2006-IA. II(M) New Delhi dated 06/09/2007. Valid up to 31/03/2030</p> <p>Permission under Regulation 111(1) of the Metalliferous Mines Regulations, 1961 for change of Mine boundary (Common boundary permission) has been obtained from the Directorate General of Mines Safety, Ministry of Labour, Government of India vide letter no. BSP/NC/II/Perm/04/482 Bilaspur dated 29/03/2004 for the both mining leases i.e. 38CHG14024 (74.843 Ha.) and 38MPR28001 (237.003 Ha.)</p>

File No. CHG/RAP/LST-32/RPR Vol. II

33	Status of Financial Assurance as per rule 27 of MCDR, 2017	Rs. 3,94,00,000/- (1) Rs. 35,00,000/- vide Bank Guarantee No. 2014-15/09 dated 01/04/2014 and valid up to 31/03/2024 (2) Rs. 3,59,00,000/- vide Bank Guarantee No. 2017-18/03 dated 01/04/2017 and valid up to 31/03/2024
----	--	---

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

1.0 Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration has been proposed during Review period.	2019-20: 27 nos. of core boreholes have been drilled with the cumulative depth of 2131 meters 2020-21: 11 nos. of core boreholes have been drilled with the cumulative depth of 565 meters	-
1b	Exploration over lease area for Geological axis 1 or 2.	No exploration has been proposed during Review period.	According to the approved Review of Mining Plan, the entire mining lease area has been explored under G1 level of exploration.	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	-do-	M/s Central Drilling association Nagpur Rs. 47,19,632/-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No exploration has been proposed during Review period.	According to the approved Review of Mining Plan, the entire mining lease area has been explored under G1 level of exploration.	-
1e	Balance reserves as on 01.04.2020 (in Million Tonnes)	Under (111): 5.550036 Million Tonnes	Under (111): 5.936704 Million Tonnes	-

		Under (211): 10.037 Tonnes	(211): Million	Under (211): 10.037 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)	2019-20: In between UTM co-ordinates (1) N2377504 to N2378270 and E582832 to E583874 (2) N2378134 to N2379246 and E581456 to E582482 (3) N2378460 to N2379930 and E582482 to	2019-20: In between UTM co-ordinates N2378182 to N2379203 and E581253 to E582239	-
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Overburden/Tops oil: 01 no. Mineral/Ore: 03 nos.	Overburden/Topsoil: 01 no. Mineral/Ore: 03 nos.	-
2c	Stripping ratio or ore to OB ratio	1 : 0.193	1 : 0.076	-
2d	Quantity of topsoil generation in m3	No Topsoil will be generated during the Review Period.	Not Applicable.	-
2e	Quantity of overburden generation in m3	192729 CuM	4795 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	02 no.	01 no.	-
3b	Quantity of ROM mineral production proposed	999664.00 Metric Tonne	612995.82 Metric Tonne	-
3c	Recovery of salable/usable mineral from ROM production	75%	100%	-
3d	Quantity of mineral reject generation	155746.00 Metric Tonne	93448.00 Metric Tonne	-
3e	Grade of mineral reject generation and threshold value declared	Less than 34% CaO	Less than 34% CaO	-

File No. CHG/RAP/LST-32/RPR Vol. II

3f	Quantity of sub-grade mineral generation	As per approved document, No sub-grade mineral will be generated during F.Y. 2019-20	122600.00 Metric Tonne	The entire generated sub-grade minerals has been blended with the above 38% CaO limestone and consumed in the captive plant.
3g	Grade of sub-grade mineral generation	Less than 38% CaO up to above 34% CaO and less than 5% MgO up to 3.2% MgO	Less than 38% CaO up to above 34% CaO and less than 5% MgO up to 3.2% MgO	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised crushing and screening has been proposed in the approved document for segregation of mineral/ore.	Being done as per proposal.	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal has been given in the approved document for any analysis or beneficiation study during plan period.	Not applicable.	-
3j	Provision of drilling & blasting in mineral benches	Dia.: 100 mm Spacing: 3.0 m Burden: 4.5 m Depth: 8.5 m	Dia.: 100 mm Spacing: 3.0 m Burden: 4.5 m Depth: 8.5 m	-
3k	Provision of mining machineries in mineral benches	<ol style="list-style-type: none"> 1. IR IBH – 10 Drilling Machine 02 no. with 100 mm dia. capacity 2. Atlas Copco BVB 25 Drilling Machine 01 no. with 100 mm dia. capacity 3. Hydraulic Shovel 03 	<ol style="list-style-type: none"> 1. Blast Host Drill 01 no. with 115 mm dia capacity 2. Pumps (Electrical) 06 nos. with 733 Liters Per Minute capacity 3. Air Compressor 01 no. with 15.30 CuM/Min capacity 4. Shovel (Hydraulic) 02 nos. with 3.9 	-

File No. CHG/RAP/LST-32/RPR Vol. II

		<p>nos. with 3.3 CuM bucket capacity</p> <p>4. Rear Dumper 07 nos. with 24 CuM cheaped capacity</p> <p>5. Front end loader 01 no.</p> <p>6. Bull Dozer 01 no. with 10.44 CuM bucket capacity</p> <p>7. Water Tanker 01 no. with 9.0 Kilo Liters capacity</p> <p>8. Explosive Van 01 no. with 10.0 Metric Tonne capacity</p> <p>9. Loader BL 200-1 01 no. with 2.1 CuM bucket capacity</p> <p>10. Service Van 01 no. with 45 HP capacity</p> <p>11. Submersible Dewatering Pumps 06 nos. with 75 HP capacity</p> <p>12. Portable lighting tower 10 HP 02 nos.</p> <p>13. Total Diesel Power 7935 HP</p> <p>14. Total Electric Power</p>	<p>CuM Bucket capacity</p> <p>5. Dozer 01 no. with 320 HP capacity</p> <p>6. Dumper 04 nos. with 35.0 Metric Tonne capacity</p>	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	<p>Overburden: 0.50 m – 3.0 m</p> <p>Mineral/Ore: 6.0 m – 10.0 m</p>	<p>Overburden: 0.50 m – 3.0 m</p> <p>Mineral/Ore: 6.0 m – 10.0 m</p>	-
3m	Total area covered under excavation/pits	121.14 Ha. up to end of F.Y. 2023-24	110.040 Ha. up to end of F.Y. 2019-20	-
3n	Ore to OB ratio for the pit/mine during the year	1 : 0.193	1 : 0.076	-

3o	Total area put in use under different heads at the end of year	Pit- 121.14 Ha. Waste/reject- 0.0 Ha. Others- 8.241 Ha. Up to end of F.Y. 2023-24	Pit- 110.040 Ha. Waste/reject- NIL Others- 16.071 Ha. Up to end of F.Y. 2019-20	-
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	Yr- 2015-16: 1300000.00 Metric Tonnes Yr- 2016-17: 1300000.00 Metric Tonnes Yr- 2017-18: 1300000.00 Metric Tonnes Yr- 2018-19: 1300000.00 Metric Tonnes Yr- 2019-20: 999664.00 Metric Tonnes	Yr- 2015-16: 1081809.680 Metric Tonnes Yr- 2016-17: 1132050.000 Metric Tonnes Yr- 2017-18: 1294961.760 Metric Tonnes Yr- 2018-19: 1298522.420 Metric Tonnes Yr- 2019-20: 612995.820 Metric 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)	No proposal has been given in the approved document for separate dumping of Mineral, Overburden and Topsoil.	Not applicable.	-
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	Backfilling has been proposed in between UTM Co-ordinates OB Dumping: N2378580 to N2378680 and E582548 to E582763	Backfilling is being done in between UTM Co-ordinates OB Dumping: N2378700 to N2379110 and E581299 to E581827	-
4c	Number of dumps within lease area and outside lease area	No proposal has been given in the approved document for Waste/OB dumping with lease area. The entire generated Waste and OB will be utilised in the	Within lease area: OB: 10 no. (Dead Dumps) Outside lease area: NIL	All dumps are stabilised and rehabilitated by plantation.

File No. CHG/RAP/LST-32/RPR Vol. II

		backfilling.		
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	Active dumping has been proposed over the mined out benches.	Being done as per proposal	-
4f	Number of dead dumps	No proposal has been given in the approved document.	Dead: 10 no. (Old Dump)	-
4g	Number of dumps stabilised	No proposal has been given in the approved document for stabilization of dump.	10 no. (Old Dump)	-
4h	Whether Retaining wall or garland drain all along dumps are there	Proposal has been given in the approved document for construction of 220.0 m retaining wall.	Constructed 225.0 m retaining wall	-
4i	Length of Retaining wall or garland drain all along dump	Retaining Wall: 220.0 m Garland Drain: NIL	Retaining Wall: 225.0 m Garland Drain: NIL	Deepening of the existing garland drain has been done.
4j	Number of settling ponds	No 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 from the working quarry before start backfilling.	Backfilling through the waste and OB is being done in the mined out area and over the worked out benches.	-
5b	Area under backfilling of mined out area	Backfilling has been proposed over the worked benches in between UTM Co-	Backfilling is being done over the worked benches in between UTM Co-	Approx 12.70 Ha. area has been

		ordinates: N2378580 to N2378680 and E582548 to E582763	ordinates: N2378700 to N2379110 and E581299 to E581827	backfilled during F.Y. 2019-20
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	No Topsoil will be generated during F.Y. 2019-20	Not applicable.	-
5d	Total area fully reclaimed & rehabilitated	F.Y. 2019-20: Reclamation: 1.00 Ha. Rehabilitation: 1.00 Ha.	F.Y. 2019-20: Reclamation: 1.00 Ha. Rehabilitation: 1.00 Ha.	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	NIL		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23. Details should be given in the format as given in Annexure-20.	Yes submitted on time.	Furnished information have been cross verified during inspection.	-
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	Proposal has been given in the approved document for reclamation and rehabilitation in the worked/mined out benches. 1.00 Ha. 1.00 Ha. 2000 nos. 54444 nos. By plantation Not mentioned in the approved document	 1.00 Ha. 1.00 Ha. 2005 nos. 54449 nos. By plantation No record 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 iv) Rehabilitation by	 1.00 Ha. 1.00 Ha. 1.00 Ha. No Proposal has been	 1.00 Ha. 1.00 Ha. 1.00 Ha. Not applicable	-

File No. CHG/RAP/LST-32/RPR Vol. II

	making water reservoir v) Any other specific means	given. Not given in the approved document.	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	2000 nos. 1.00 Ha. By plantation	2005 nos. 1.0 Ha. By plantation	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given in the approved document for regular monitoring if the Ambient Air Quality, Water Quality and Noise Vibration in the 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	Proposal has been given in the approved document for segregation of the mineral/ore from the ROM through the mechanised method.	Above 34% CaO Limestone is being directly dispatched to the captive plant.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised Screening and Sorting has been proposed in the approved document for segregation of above 34% and above CaO Limestone.	Being done as per proposal.	-
7c	Different grade of mineral sorted out at mines	Proposal has been given in the approved document for sorting of 34% and above Limestone from the ROM.	Being done as per proposal.	-
7d	Any beneficiation process at mines	No beneficiation process has been proposed during the Review period.	Not applicable.	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Since the cut off grade of the Limestone is 38% CaO, whereas, the entire quantity of Limestone of above 34% CaO has been consumed in the captive plant.		

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. 2019-20.	Not applicable	-
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 waste rock within lease area in between UTM Co-ordinates: N2378580 to N2378680 and E582548 to E582763	Dumping of OB and Waste is being done in between UTM co-ordinate N2378700 to N2379110 and E581299 to E581827	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Generated overburden and the waste rock will be utilised for backfilling in the mined out area.	Being done as per proposal.	-
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 the 1.0 Ha. mined out / worked out benches through the backfilling.	Being done as per proposal.	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	2000 nos. of sapling will be planted during F.Y. 2019-20.	2005 nos. of saplings have been planted during F.Y. 2019-20	-
8g	Survival rate	Not mentioned in the approved document.	Approx 95%	-
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling through the water tanker.	Being done as per proposal.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Extensive plantation has been done around mining area. Earlier mined out quarry has been converted in to the water reservoir for domestic and captive use.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto – November 2020 A.R. submitted upto- F.Y. 2019-20	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: Shri Shrishir Kumar Tamrakar Geologist: Shri Narendra Kumar Payasi Manager: Shri R. P. S. Bhatia	Mining Engineer: Shri Shrishir Kumar Tamrakar Geologist: Shri Narendra Kumar Payasi Manager: Shri R. P. S. Bhatia	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 110.040 Ha. Waste/reject- NIL Others- 16.071 Ha.	Pit- 110.040 Ha. Waste/reject- NIL Others- 16.071 Ha.	-
9d	Scrutiny of Annual return on Afforestation	Within Lease Area: 2015 nos. Outside Lease Area: 2520 nos.	Within Lease Area: 2015 nos. Outside Lease Area: 2520 nos.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Mineral Reject: 93448.00 Metric Tonne Grade: Less than 34% CaO	The mentioned grade is not mineral reject, as per definition below threshold value mineral/ore is 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	Sale Value: Rs. 150580081.87 Ex. Mine Price: Rs. 307.38 Per Metric Tonne Cost of Production: 307.38 Per Metric Tonne	Sale Value: Should be Zero as the mineral/ore is being used in the captive plant. Ex. Mine Price: Rs. 307.38 Per Metric Tonne Cost of Production: 307.38 Per Metric Tonne	Deviation has been pointed out.
9i	Scrutiny of Annual return on fixed assets	Rs. 330314607 /-	Rs. 330314607 /-	-
9k	Scrutiny of Annual return on mining machineries	Given in the returns.	Cross verified through the field log books.	-

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

No serious violations have been found during last inspection.

Date of Last Inspection, Name and Designation of the Inspecting Officer:
Shri R. N. Mishra, Sr. Mining Geologist, Date of Inspection: 09/09/2019

Details of the Violations Pointed-out during Inspections:

नियम	उल्लंघन के प्रकार का विस्तृत ब्यौरा
Rule 45 (7)	<p><u>Annual Return F.Y. 2019-20:</u></p> <p>1) Part – V; General Geology & Mining (Sec 1/2 for Limestone); Sec 4. Mineral Rejects for Limestone; 93448.00 Metric Tonnes of below 34% CaO ore/mineral has been mentioned under Mineral Reject which is incorrect and same has been utilised for backfilling in the mined out area. Below threshold value of the mineral/ore is waste, hence, this quantity should be shown in Part – V; General Geology & Mining (Sec 1/2 for Limestone); 4. Mining operations during the year; 4.2 Opencast; (A) Details of Benches (Separately for mechanised and manual sections); C) Total quantity of Overburden/Waste removed during the year (tonnes)</p> <p>2) Part - VI (Production, Dispatches And Stock); 5. Sales/Dispatches effected for Domestic Consumption and for exports (LIMESTONE): Since the entire produced limestone has been used in the Captive Plant hence, sale value should be mentioned as 'Zero'.</p>

(Name of the Inspecting Officer and Designation and Date)

Shaival Kartikeya
Jr. Mining Geologist
Indian Bureau of Mines, Raipur
Date of Inspection: 06/11/2020