

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 Tembe Prasanna Kumar, President (Mines) and Agent (Mines) Shri Krishan Kant, Manager (Mines)
3	Date of inspection	14/11/2019
4	Name of the Mine	Metabodeli Iron Ore Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: 25.00 Ha. Non-Forest: 25.00 Ha. Total Lease Area: 25.00 Ha.
6	Mine Code	30CHG08001
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/800/2011
8	Name of the lessee, Address, phone, email and fax number	M/s Jayaswal Neco Industries Limited F-8, MIDC Industrial Area, Hingna Road, Nagpur, District Nagpur (Maharashtra) – 440 016 Phone: 07104- 237276 / 237471 / 237472 / 236251 Fax: 07104- 237583 / 236255 Email: spd.mines@necoindia.com / contact@necoindia.com
9	Village	Metabodeli, near village Chargaon
10	Taluka / Mandal / District	Tehsil: Pakhanjur, District: Kanker
11	State	Chhattisgarh
12	Post office & PIN	Chargaon, Pin Code: 494 665
13	Nearest police station	Siksod
14	Nearest Railway station	Bhanupratappur
15	Date of Grant of Mining Lease	17/01/2002 to 16/01/2022 (20 years)
16	Date of Execution	17/01/2002
17	Date of opening of Mine	05/08/2002
18	Date of first Renewal, if applicable and its period & expiry	As per section 8A of MMDR Amendment Act, 2015, lease period has been extended for subsequent 30 years. i.e. 17/01/2022 to 16/01/2052 (30 years). Supplementary lease agreement has been made for extended period.
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	Shri Megh Pal Singh, COO & Executive Director M/s Jayaswal Neco Industries Limited F-8, MIDC Industrial Area, Hingna Road, Nagpur, District Nagpur (Maharashtra) – 440 016 Phone: 07104- 237276 / 237471 / 237472 / 236251 Fax: 07104- 237583 / 236255 Email: meghpal.singh@necoindia.com Date of Appointment: 17/11/2014

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22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Tembe Prasanna Kumar, President (Mines) M/s Jayaswal Neco Industries Limited Dalli-Bhanupratappur Road, At Post: Bhanupratappur, Tehsil: Bhanupratappur, District: Kanker (Chhattisgarh) - 4940669 Phone: (0) 9109119092 Email: tembe.prasanna@necoindia.com Date of Appointment: 22/03/2017
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Krishan Kant M/s Jayaswal Neco Industries Limited Dalli-Bhanupratappur Road, At Post: Bhanupratappur, Tehsil: Bhanupratappur, District: Kanker (Chhattisgarh) - 4940669 Phone: (0) 9109118939 Email: mines.bhanupratappur@necoindia.com Date of Appointment: 02/07/2018
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri. Vinod Kumar Thakur Qualification: B.E. (Mining) Experience: +10 Years M/s Jayaswal Neco Industries Limited Dalli-Bhanupratappur Road, At Post: Bhanupratappur, Tehsil: Bhanupratappur, District: Kanker (Chhattisgarh) - 4940669 Phone: (0) 9109118925 Email: mines.bhanupratappur@necoindia.com Date of Appointment: 12/09/2018
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 Lokesh Kumar Sahu Qualification: M. Tech. (Applied Geology) Experience: +10 Years M/s Jayaswal Neco Industries Limited Dalli-Bhanupratappur Road, At Post: Bhanupratappur, Tehsil: Bhanupratappur, District: Kanker (Chhattisgarh) - 4940669 Phone: (0) 9109118930 Email: lokesh.sahu@necoindia.com Date of Appointment: 24/03/2017
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approved vide letter no. BST/Fe/MPLN-465/NGP Nagpur dated 02/04/1996 Proposal Period: 2002-03 to 2006-07 Modified Mining Plan Approved vide letter no. BST/Fe/MPLN-465/NGP/2016/41 Raipur dated 24/08/2016 Proposal Period: 2017-18 to 2021-22 Modified Mining Plan Approved vide letter no. KNK/Fe/MPLN-1149/2018 Raipur dated 23/05/2018 Proposal Period: 2018-19 to 2021-22
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1st Scheme of Mining approved vide letter no. BST/Fe/MPLN-465/NGP Nagpur dated 24/11/2008 Proposal Period: 2007-08 to 2011-12 2nd Scheme of Mining approved vide letter no. BST/Fe/MPLN-465/NGP Nagpur dated 27/06/2013 Proposal Period: 2012-13 to 2016-17
28	Mineral(s) granted in lease and proved for mining	Iron Ore (Hematite)

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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	<p>Iron Ore Mining of 1.0 Million Tonnes Per Annum obtained from State Level Environment Impact Assessment Authority, Ministry of Environment, Forest and Climate Change, Government of India, Naya Raipur (Chhattisgarh) vide letter no. 64/SEIAACG/Mine/Kanker/557 Naya Raipur dated 17/04/</p> <p>Mining of Iron Ore of 1.0 Million Tonnes Per Annum under Grant of Consent under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 obtained from Regional Office of Chhattisgarh Environment Conservation Board, Jagdalpur vide letter no. 155/RO/TS/CECB/2017 Jagdalpur dated 04/05/2017.</p> <p>Mining of Iron Ore of 1.0 Million Tonnes Per Annum under Grant of Consent under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 obtained from Regional Office of Chhattisgarh Environment Conservation Board, Jagdalpur vide letter no. 156/RO/TS/CECB/2017 Jagdalpur dated 04/05/2017.</p>
33	Status of Financial Assurance as per rule 27 of MCDR, 2017	<p>Total Rs. 42,84,600/- In the form of Bank Guarantee submitted.</p> <p>BG No. 32320IGL0005716 Amount Rs. 3,57,500/- valid up to 04/08/2021</p> <p>BG No. 32320IGL0002117 Amount Rs. 39,27,100/- valid up to 04/08/2022</p>

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	2018-19: 10 nos. of borehole with cumulative depth of 500 meters	None of the boreholes have been drilled.	Deviation has been pointed out.
1b	Exploration over lease area for Geological axis 1 or 2.	Under G1 Category: 25.00 Ha	Under G1 Category: 10.0671 Ha Under G2 category: 2.0543 Ha Under G3 category: 6.8515 Ha	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not mentioned in the approved document.	No exploration has been carried out during 2017-18	-

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			and 2018-19	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Under G1 Category: 25.00 Ha	Under G1 Category: 10.0671 Ha Under G2 category: 2.0543 Ha Under G3 category: 6.8515 Ha	-
1e	Balance reserves as on 01.04.2019 (in Million Tonnes)	Under (111): 6.389 Million Tonnes Under (122): 1.108 Million Tonnes Under (211): 3.015 Million Tonnes Under (222): 4.611 Million Tonnes Under (333): 2.389 Million Tonnes	Under (111): 6.389 Million Tonnes Under (122): 1.108 Million Tonnes Under (211): 3.015 Million Tonnes Under (222): 4.611 Million Tonnes Under (333): 2.389 Million Tonnes	-
1f	General remarks of inspecting officer on geology, exploration etc.	Boreholes have been commenced and started on 14/11/2019 to comply the shortfall.		

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)	In-between UTM coordinates 2018-19: N2215900 to N2216700 and E497500 to E498300 in diagonal shape along boundary pillar no. A and D 2019-20: N2216040 to N2216500 and E497605 to E498200	2018-19: in addition to the proposed area, in most of the places the quarry has been extended up to approx 20 to 30 meters towards north-west direction as well as approx 300 meters along mining lease boundary in south west side of the lease area. As well as 2019-20: in addition to the proposed area, the excavation and mineral production has been found in between N2216210 to N2216410 and	Deviation has been pointed out.

			E497660 to E497910	
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Formation of separate benches of topsoil/OB and mineral has been proposed in the approved document. Topsoil/OB: 01 no. Mineral: 08 nos.	Separate benches of topsoil/OB and mineral has been made as per proposal Topsoil/OB: 01 no. Mineral: 08 nos.	Negligible quantity of topsoil present in the lease area. Same has been utilised for plantation purpose.
2c	Stripping ratio or ore to OB ratio	2018-19: 1:0.00	2018-19: 1:0.005	The entire excavated material has been utilised. Development has been proposed in the mineralised zone.
2d	Quantity of topsoil generation in m3	As per last approved document, no topsoil will be produced during plan period.	No topsoil present in the lease area.	Negligible quantity of topsoil present in the lease area. Same has been utilised for plantation purpose.
2e	Quantity of overburden generation in m3	As per last approved document, no overburden will be generated during F.Y. 2018-19	9383.0 Metric Tonnes Or 4691.50 CuM	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	-		

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: 9,31,472.00 Metric Tonnes	2018-19: 9,31,371.00 Metric Tonnes	-

3c	Recovery of salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No mineral reject will be generated during plan period.	Not applicable.	-
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	232868.00 Metric Tonnes (25% of ROM has been estimated as sub-grade ore/mineral)	No sub-grade ore has been generated during F.Y. 2018-19. The entire produced ore/mineral has been consumed in the captive plant. (Above 45% Fe and -10mm size, iron ore fines)	-
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 for segregation of ore/mineral into different sizes and grades..	Being done as per proposal.	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed in the approved document.	Not applicable.	-
3j	Provision of drilling & blasting in mineral benches	Spacing: 3.0 m Burden: 2.4 m Depth: 6.0 m	Spacing: 3.0 m Burden: 2.4 m Depth: 6.0 m	-
3k	Provision of mining machineries in mineral benches	<ol style="list-style-type: none"> 1. 02 nos. of Wagon drill operated by compressor, Capacity 100 dia. 2. 02 nos. of portable air compressor, Capacity 400 CFM 3. 09 nos. of Excavators with 2.6 cum bucket. 	<ol style="list-style-type: none"> 1. 02 nos. of Wagon drill operated by compressor, Capacity 100 dia. 2. 02 nos. of portable air compressor, Capacity 400 CFM 3. 09 nos. of Excavators with 2.6 cum bucket. 4. 01 no Rock Breaker 5. 17 nos. of 	-

		<p>4. 01 no Rock Breaker</p> <p>5. 17 nos. of Hyva/Dumpers.</p> <p>6. 01 no of Truck mounted water sprinkler, Capacity 10 KL</p> <p>7. 04 nos Pay loaders</p> <p>8. 01 no. Ripper Dozer.</p> <p>9. 01 no. Ambulance.</p> <p>10.02 nos. Water Pumps, Capacity 5.00 HP</p> <p>11.02 nos. Double Decker Power Screen, Capacity 250 TPH</p> <p>12.03 nos. Crusher with screen, 150 TPH</p>	<p>Hyva/Dumpers.</p> <p>6. 01 no of Truck mounted water sprinkler, Capacity 10 KL</p> <p>7. 04 nos Pay loaders</p> <p>8. 01 no. Ripper Dozer.</p> <p>9. 01 no. Ambulance.</p> <p>10.02 nos. Water Pumps, Capacity 5.00 HP</p> <p>11.02 nos. Double Decker Power Screen, Capacity 250 TPH</p> <p>12. 03 nos. Crusher with screen, 150 TPH</p>	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	<p>Topsoil/OB: 0.5m to 1.0 m</p> <p>Mineral/Ore: 6.0 – 8.0 m</p>	<p>Topsoil/OB: 0.5m to 1.0 m</p> <p>Mineral/Ore: 6.0 – 8.0 m</p>	-
3m	Total area covered under excavation/pits	10.888 Ha. up to end of plan period.	4.687 Ha. up to end of F.Y. 2017-18	-
3n	Ore to OB ratio for the pit/mine during the year	1: 0.0	1: 0.0`	-
3o	Total area put in use under different heads at the end of year	<p>Pit- 10.888 Ha.</p> <p>Waste/reject- 1.413 Ha</p> <p>Others- 1.981 Ha.</p> <p>Up to end of plan period.</p>	<p>Pit- 6.30 Ha.</p> <p>Waste/reject- 0.150 Ha</p> <p>Others- 1.129 Ha.</p> <p>Up to end of F.Y. 2018-19</p>	-
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	<p>Yr- 2013-14: 81900.00 Metric Tonnes</p> <p>Yr- 2014-15: 45002.00 Metric Tonnes</p> <p>Yr- 2015-16: 224000.00 Metric</p>	<p>Yr- 2013-14: NIL Metric Tonnes</p> <p>Yr- 2014-15: 45002.00 Metric Tonnes</p> <p>Yr- 2015-16: 49010.00 Metric Tonnes</p>	-

		<p>Tonnes Yr- 2016-17: 224000.00 Metric Tonnes Yr- 2017-18: 910476.00 Metric Tonnes Yr- 2018-19: 931472.00 Metric Tonnes</p>	<p>Yr- 2016-17: 49950.00 Metric Tonnes Yr- 2017-18: 592511.00 Metric Tonnes Yr- 2018-19: 931371.00 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)	Separate dumping of topsoil/OB and Mineral reject has been proposed in the approved document.	a certain quantity of Sub-grade Mineral and Mineral Reject have been kept in different places in irregular and scattered manner.	-
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	<p>OB/Waste: N2216530 to N2216580 and E498020 to E498100 Mineral & Sub-grade: N2216480 to N2216700 and E498140 to E498280</p>	<p>OB/Waste: N2216530 to N2216580 and E498020 to E498100 Mineral & Sub-grade: N2216480 to N2216700 and E498140 to E498280</p>	-
4c	Number of dumps within lease area and outside lease area	Waste Dump: 01 no. within lease area.	Waste Dump: 01 no. within lease area.	-
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	01 no.	01 no.	-
4f	Number of dead dumps	No dead dump proposed in the approved document.	Not Applicable.	-
4g	Number of dumps stabilised	Not proposed in the approved document.	Not applicable.	-
4h	Whether Retaining wall or garland drain all along dumps are there	Proposal has been given for construction of retaining wall and garland drain along waste dump in the approved	Constructed around waste dump.	-

		document.		
4i	Length of Retaining wall or garland drain all along dump	Not mentioned in the approved document.	Garland drain: Approx 350 meters Retaining Wall: Approx 300 meters	-
4j	Number of settling ponds	Proposal has been given for settling ponds.	Few numbers of settling ponds have been constructed in combination with garland drain.	
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	Full extraction of mineral from mined out area before starting backfilling has been proposed during conceptual stage.	Not applicable as the mineral/ore has not been mined out completely and the mine has not been achieved conceptual pit stage.	
5b	Area under backfilling of mined out area	Proposal has not been given in the approved document, as the area has not been matured for backfilling.	Not applicable.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	No topsoil present in the area.	Negligible quality of topsoil present in the lease area and same has been utilised for plantation.	
5d	Total area fully reclaimed & rehabilitated	Proposal has not been given in the approved document.	Area not matured for reclamation and rehabilitation.	
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.	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	0.1 Ha. 0.1 Ha. 100 nos. 200 nos. NIL Not mentioned in the document.	0.1 Ha. 0.1 Ha 100 nos. 200 nos. NIL Not 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 making water reservoir v) Any other specific means	Proposal has not been given in the approved document.	Not applicable as the area not matured for backfilling.	
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.	Not applicable as the area not matured for reclamation and rehabilitation.	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given in the approved document for regular monitoring of Ambient Air Quality, Water and Noise Vibration.	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	Mechanised Crushing Screening and Sorting.	Mechanised Crushing Screening and Sorting.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Grade wise sorting through vibratory screen.	Grade wise sorting through vibratory screen.	-

7c	Different grade of mineral sorted out at mines	55 – 65% Fe	55 – 65% Fe	-
7d	Any beneficiation process at mines	Mechanised Crushing Screening and Sorting.	Mechanised Crushing Screening and Sorting.	-
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)	Proposal has not been given in the approved plan, as no topsoil present in the lease area.	Negligible quantity of topsoil has been generated during development and same has been utilised for plantation purpose.	-
8b	Concurrent use or storage of topsoil	Proposal has not been given in the approved plan, as no topsoil present in the lease area.	Negligible quantity of topsoil has been generated during development and same has been utilised for plantation purpose.	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Separate dumping of OB/topsoil, Waste rock, rejects and fines have been given in the approved plan at earmarked locations.	Being done as per proposal.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	OB and waste rock will be used for reclamation during conceptual stage.	Separate dumps of waste rock have been made in the earmarked location for future reclamations.	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Phase restoration through afforestation has been given in the approved plan.	Being done as per proposal.	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	100 nos. of sapling will be planted every year.	Approx 100 nos. of sapling has been planted within lease area.	-
8g	Survival rate	Not mentioned in the approved document.	Approx 70%	-

8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads has been proposed 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 – November 2019 A.R. submitted upto- F.Y. 2018-19	NIL

S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Shri Krishna Kant. Geologist: Shri Lokesh Kumar Sahu. Manager: Shri Krishna Kant.	Mining Engineer: Shri Krishna Kant. Geologist: Shri Lokesh Kumar Sahu. Manager: Shri Krishna Kant.	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 10.888 Ha. Waste/reject- 1.413 Ha Others- 1.981 Ha. Up to end of plan period.	Pit- 10.888 Ha. Waste/reject- 1.5 Ha Others- 1.064 Ha. Up to end of F.Y. 2017-18	NIL
9d	Scrutiny of Annual return on Afforestation	3500 nos. planted within lease area during F.Y. 2018-19	Approx 100 nos. has been planted during F.Y 2018-19	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Mineral Reject: 0.0 Metric Tonne Grade: NIL	Mineral Reject: 0.0 Metric Tonne Grade: NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock ROM: 22924.015 Metric Tonnes Graded Ore: <u>Lump:</u> 60% to below 62% Fe: 3262.850 Metric Tonnes 62 to below 65% Fe: 1122.540 Metric Tonnes <u>Fines:</u> Below 55% Fe: 43882.190 Metric Tonnes 58 to below 60%	Closing Stock ROM: 22924.015 Metric Tonnes Graded Ore: <u>Lump:</u> 60% to below 62% Fe: 3262.850 Metric Tonnes 62 to below 65% Fe: 1122.540 Metric Tonnes <u>Fines:</u> Below 55% Fe: 43882.190 Metric Tonnes 58 to below 60% Fe:	Closing stock has been obtained from the monthly returns from the month of November 2019

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		Fe: 1327.620 Metric Tonnes 60 to below 62% Fe: 4586.430 Metric Tonnes.	1327.620 Metric Tonnes 60 to below 62% Fe: 4586.430 Metric Tonnes.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale Value: NIL Cost of Production: Rs. 1227.00 Per Metric Tonne Ex-Mine Price: 1227.00 Per Metric Tonne	Sale Value: NIL Cost of Production: Rs. 1227.00 Per Metric Tonne Ex-Mine Price: 1227.00 Per Metric Tonne	-
9i	Scrutiny of Annual return on fixed assets	RS. 51013664.00	RS. 51013664.00	-
9k	Scrutiny of Annual return on mining machineries	Given in the annual returns.	Cross verified from the machinery logbooks.	-

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 Shaival Kartikeya, Jr. Mining Geologist, Date of Inspection: 15/03/2019

Details of the Violations Pointed-out during Inspections:

नियम	उल्लंघन के प्रकार का विस्तृत ब्यौरा
Rule 11(1)	The following deviations have been found in the mine from the approved Modified Mining Plan vide KNK/FE/MPLN-1149/2018-Raipur dated 23/05/2018 for the period of 2018-19 to 2021-22: Development: In the approved Modified Mining Plan, there was a proposal given for the production and development during the year 2019-20 in-between UTM coordinates N2216040 to N2216500 and E497605 to E498200 whereas, in addition to the proposed area, the excavation and mineral production has been found in between N2216210 to 2216410 and 497660 to E497910

(Name of the Inspecting Officer and Designation and Date)

Shaival Kartikeya
Jr. Mining Geologist
Indian Bureau of Mines, Raipur
Date of Inspection: 14/11/2019