

MCDR-MiFLOFE/11/2022-BBS-IBM_RO_BBS
INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/4712/2023

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/KJR/MCDR-95/BBS

Mine code : 30ORI08126

- (i) Name of the Inspecting : **SKM1**) **SANJIB KUMAR MOHAPATRA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri Abanikanta Pradhan, Agent, Sri Pankaj Kumar Mahan
Official with
Designation
- (iv) Date of Inspection : 23/11/2022
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GUALI IRON ORE MINE**
- (b) **Registration NO.** : **IBM/4269/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : GUALI
- Taluka : BARBIL
- Post office : GUALI
- Pin Code : 758035
- FAX No. : 06742396889
- E-mail : info@odishamining.in
- Phone : 06742392778
- (f) Police Station : BARBIL
- (g) First opening date : 12/01/2021
- (h) Weekly day of rest : SUN
2. Address for : GUALI
correspondance JODA
KEONJHAR
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : IRON ORE Main

I/4712/2023

5. Name and Address of the

Lessee : M/S OMC LTD.
AT & PO: TIRING PAHAR DIST.
KEONJHAR, ORISSA KEONJHAR
ORISSA
Phone:06766-233064
FAX :06766-233085

Owner : M/S OMC LTD.
M/S OMC LTD. OMC HOUSE,
POST BOX NO. 34
BHUBANESWAR-751010 KEONJHAR
ORISSA
Phone: 06766-233064
FAX : 06766-233085

Agent : SRI ABANIKANTA PRADHAN
REGIONAL MANAGER OMC BARBIL
AGENT: TIRINGPAHAR IRON
MINES PO-KHANDBONDH
KEONJHAR ORISSA
Phone: 9437431943
FAX :

Mining Engineer

Name : Shri Chandan Kumar Samal,Full Time
Qualification : B TECH MINING
Appointment/ : 10/08/2021
Termination date

Geologist

Name : Shri Radhashyam Sahoo,Full Time
Qualification : MSC GEOLOGY
Appointment/ : 10/02/2021
Termination date

Manager

Name : Shri Pankaj Kumar Mahanta
Qualification : B TECH MINING
Appointment/ : 28/09/2022
Termination date

6. Date of approval of Mining Plan/Scheme of Mining : MP under 16(1) of MCR 2016 19/03/2021

I/4712/2023

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	No back log from the previous year of the reporting year.
1b	Exploration over lease area for geological axis 1 or 2	113.72 Ha with 81 nos of boreholes.	160.449 Ha carried out with 81 nos of boreholes during the reporting year.	160.449 Ha carried out with 81 nos of boreholes during the reporting year.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Rs 5,15,27,746.40/- during the reporting year.	Rs 5,15,27,746.40/- during the reporting year.
1d	Balance area to be explored to bring Geological axis in 1 or 2	26.102 Ha	26.102 Ha	26.102 Ha
1e	Balance reserve as on 01/04/20	196.707 million tonnes	196.707 million tonnes	196.707 million tonnes
1f	General remarks of inspecting officers on geology, exploration etc		The lessee has carried out the exploration work as per the proposal during the reporting year.	The lessee has carried out the exploration work as per the proposal during the reporting year.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N-2433055 to N 2433547 E-325634 to 325959	N-2433055 to N-2433450 E-325634 to 325895	N-2433055 to N-2433450 E-325634 to 325895
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top Soil- Nil Min-10, OB-9	Top Soil- Nil Min-10, OB-9	

I/4712/2023

2c	Stripping ratio or ore to OB ratio	1:0.007	1:0.12	Generation of OB is higher than the proposal, hence there is a deviation in the stripping ratio.
2d	Quantity of topsoil generation in m3	Nil	Nil	No top soil generation in the reporting year.
2e	Quantity of overburden generation in m3	41800 Cum	720507 Cum	Due to incidental occurrence of shale patches within the ore zone, generation of overburden is higher than the proposal. The same overgenerated overburden were dumped in the quarry bottom of the working quarry in the reporting year. Being not carried out the development and production as per the proposal, a violation letter vide dated 14/12/2022 for contravention of rule 11(1) of MCDR 2017 has been issued to the lesseed in this regard.

1/4712/2023

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Due to incidental occurrence of shale patches within the ore zone, generation of overburden is higher than the proposal. The same overgenerated overburden were dumped in the quarry bottom of the working quarry in the reporting year. Being not carried out the development and production as per the proposal, a violation letter vide dated 14/12/2022 for contravention of rule 11(1) of MCDR 2017 has been issued to the lessee in this regard.	Due to incidental occurrence of shale patches within the ore zone, generation of overburden is higher than the proposal. The same overgenerated overburden were dumped in the quarry bottom of the working quarry in the reporting year. Being not carried out the development and production as per the proposal, a violation letter vide dated 14/12/2022 for contravention of rule 11(1) of MCDR 2017 has been issued to the lessee in this regard.
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Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One, (Topadihi Quarry)	One, (Topadihi Quarry)	One, (Topadihi Quarry)
3b	Quantity of ROM mineral production proposed	5700000 tonnes	5700000 tonnes	5700000 tonnes
3c	Recovery of sailable/usable mineral from ROM production	4690000 tonnes	4690000 tonnes	4690000 tonnes
3d	Quantity of mineral reject generation	1010000 tonnes	1010000 tonnes	1010000 tonnes

I/4712/2023

3e	Grade of mineral rejects generation and threshold value declared.	45-55% Fe	45-53% Fe	45-53% Fe
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	NA	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	Mechanised
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Yes, Jack Hammer 115 mm dia Drills. Blasting proposed with LD explosives of 25mm dia. & 83mm dia. with detonating cord & milli second delay detonators.	Yes, Jack Hammer 115 mm dia Drills. Blasting proposed with LD explosives of 25mm dia. & 83mm dia. with detonating cord & milli second delay detonators.	Yes, Jack Hammer 115 mm dia Drills. Blasting proposed with LD explosives of 25mm dia. & 83mm dia. with detonating cord & milli second delay detonators.
3k	Provision of mining machineries in mineral benches	Yes, Shovel and Dumper combination proposed.	Yes, Shovel and Dumper combination carried out.	Yes, Shovel and Dumper combination carried out.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The height of the bench proposed is 15m.	The height of the bench is suitable for the method of mining proposed in review of mining plan.	The height of the bench is suitable for the method of mining proposed in review of mining plan.

I/4712/2023

3m	Total area covered under excavation/pits	35.505 Ha(Topadihi Quarry) 21.29 Ha(Balisahi Quarry) Total: 56.7950 Ha.	35.505 Ha(Topadihi Quarry) 21.29 Ha(Balisahi Quarry) Total: 56.7950 Ha.	35.505 Ha(Topadihi Quarry) 21.29 Ha(Balisahi Quarry) Total: 56.7950 Ha.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.007	1:0.12	1:0.12
3o	Total area put in use under different heads at the end of year	Total of 358.258 Ha. at the end of plan period.	Total of 224.042 Ha. at the end of the reporting year.	Total of 224.042 Ha. at the end of the reporting year.
3p	Production of ROM mineral during the last five year period as applicable	2020-21: 480000 tonnes 2021-22: 57,00,000 tonnes	2020-21: 3,62,400 tonnes 2021-22: 57,00,000 tonnes	2020-21: 3,62,400 tonnes 2021-22: 57,00,000 tonnes
3q	General remarks of inspecting officers on method of mining etc.		Due to incedental occurance of shale patches within the ore zone, generation of overburden is higher than the proposal. The same overgenerated overburden were dumped in the quaary buttom of the working quarry in the reporting year. Being not carried out the development and production as per the proposal, a violation letter vide dated 14/12/2022 for contravention of rule 11(1) of MCDR 2017 has been issued to the lesseed in this regard.	Due to incedental occurance of shale patches within the ore zone, generation of overburden is higher than the proposal. The same overgenerated overburden were dumped in the quaary buttom of the working quarry in the reporting year. Being not carried out the development and production as per the proposal, a violation letter vide dated 14/12/2022 for contravention of rule 11(1) of MCDR 2017 has been issued to the lesseed in this regard.

1/4712/2023

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate stacking of mineral reject are being proposed temporarily, which will be subsequently blended with the high grade material and sold out.	Separate stacking of mineral reject are being proposed temporarily, which have been subsequently blended with the high grade material and sold out during the reporting year.	Separate stacking of mineral reject are being proposed temporarily, which have been subsequently blended with the high grade material and sold out during the reporting year.
4b	Location of topsoil, OB and mineral reject dumps	Not proposed	OB dump was temporarily carried out in the quarry bottom of the working pit.	OB dump was temporarily carried out in the quarry bottom of the working pit. A violation letter in this regard has been issued to the lessee vide letter dated 14/12/2022.
4c	Number of dumps within lease area and outside of lease area	Two	Two	Two. The dumps are of the ex-lessee of the mining lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Two nos of dumps are of the ex-lessee are existing within the mining lease area.	Two nos of dumps are of the ex-lessee are existing within the mining lease area.	Two nos of dumps are of the ex-lessee are existing within the mining lease area.
4e	Number of active and alive dumps.	Nil	Nil	Nil
4f	Number of dead dumps.	Two	Two	Two nos of dumps are of the ex-lessee are existing within the mining lease area.
4g	Number of dumps established.	Nil	Nil	Nil

I/4712/2023

4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	Two nos of dumps are of the ex-lessee are existing within the mining lease area. Existing structures of the Ex-lessee have been maintained during the reporting year.
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Two nos of dumps are of the ex-lessee are existing within the mining lease area. Existing structures of the Ex-lessee have been maintained during the reporting year.
4j	Number of settling ponds	Nil	Nil	Two nos of dumps are of the ex-lessee are existing within the mining lease area. Existing structures of the Ex-lessee have been maintained during the reporting year.

I/4712/2023

4k	Specific comments of inspecting officer on waste dump management	There was no proposal for dumping during the reporting year. Two nos of dumps are of the ex-lessee are existing within the mining lease area. Existing structures of the Ex-lessee have been maintained during the reporting year. OB dump was temporarily carried out in the quarry bottom of the working pit by the lesse during the reporting year. A violation letter in this regard has been issued to the lessee vide letter dated 14/12/2022.	There was no proposal for dumping during the reporting year. Two nos of dumps are of the ex-lessee are existing within the mining lease area. Existing structures of the Ex-lessee have been maintained during the reporting year. OB dump was temporarily carried out in the quarry bottom of the working pit by the lesse during the reporting year. A violation letter in this regard has been issued to the lessee vide letter dated 14/12/2022.
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Nil	Nil	As the mine is open since 12/01/2021 by the lessee after expired of the lease hold area by the earlier lessee on 31/03/2022, no such proposal during the reporting year.

I/4712/2023

5b	Area under backfilling of mined out area	Nil	Nil	As the mine is opened since 12/01/2021 by the lessee after expired of the lease hold area by the earlier lessee on 31/03/2022, no such proposal during the reporting year.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	As the mine is opened since 12/01/2021 by the lessee after expired of the lease hold area by the earlier lessee on 31/03/2022, no such proposal during the reporting year.
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	As the mine is opened since 12/01/2021 by the lessee after expired of the lease hold area by the earlier lessee on 31/03/2022, no such proposal during the reporting year.

I/4712/2023

5e	General remarks of inspecting officers on backfilling and reclamation etc.	The lessee acquired the lease through reservation from the auction regime by the state Govt. The mine is opend since 12/01/2021 by the lessee after expired of the lease hold area by the earlier lessee on 31/03/2022. No such proposal of backfilling and reclamation were envisaged during the reporting year.	The lessee acquired the lease through reservation from the auction regime by the state Govt. The mine is opend since 12/01/2021 by the lessee after expired of the lease hold area by the earlier lessee on 31/03/2022. No such proposal of backfilling and reclamation were envisaged during the reporting year.
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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	As per Rule 26(2) Annual PMCP report to be submitted before 1st day of July of Every Year.	Submitted within the stipulated time period for the reporting year.	Submitted within the stipulated time period for the reporting year.
6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	0.7 Ha.	1.159 Ha.	1.159 Ha.
6d	No. of saplings planted during the year	1750 nos of sapplings	2753 nos of sapplings were planted during the reporting year.	2753 nos of sapplings were planted during the reporting year.
6e	Cumulative no .of plants		2753 nos of sapplings were planted during the reporting year.	2753 nos of sapplings were planted during the reporting year.
6f	Any other method of rehabilitation	Nil	Nil	Nil

I/4712/2023

6g	Cost incurred on watch and care during the year	Nil	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Nil	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	0.7 Ha.	1.159 Ha.	1.159 Ha.

I/4712/2023

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.7 Ha.	1.159 Ha.	1.159 Ha.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Afforestation	Afforestation	Afforestation
6p	Compliance of environmental monitoring (core zone and buffer zone)	Air, Noise and Water quality monitoring will be done during the year within the lease area.	Air, Noise and Water quality monitoring carried out as per the proposal during the reporting year.	Air, Noise and Water quality monitoring carried out as per the proposal during the reporting year.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The lessee has carried out afforestation of about 2753 nos of sapplings and environmental monitoring as per the proposal during the reporting year.	The lessee has carried out afforestation of about 2753 nos of sapplings and environmental monitoring as per the proposal during the reporting year.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe were proposed.	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe are being praticed.	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe are being praticed.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	Mechanical

I/4712/2023

7c	Different grade of mineral sorted out at mines.	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe were proposed.	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe are being practiced.	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe are being practiced.
7d	Any beneficiation process at mines .	Nil	Nil	No such proposal during the reporting year.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe stocks are being practiced. Further no beneficiation process was proposed. Only crushing and screening are being carried out during the reporting year.	Saleable Ore:+58 % Fe, Mineral Reject:- +45 to 58% Fe stocks are being practiced. Further no beneficiation process was proposed. Only crushing and screening are being carried out during the reporting year.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	No such proposal during the reporting year.
8b	Concurrent use or storage of topsoil	Nil	Nil	No such proposal during the reporting year.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Only mineral reject stacking was proposed.	Mineral reject stacking are being practiced.	Mineral reject stacking are being practiced.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	Nil

I/4712/2023

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	0.7Ha with 1750 nos of sapplings.	1.159 Ha. 2753 nos of sapplings.	1.159 Ha. 2753 nos of sapplings.
8g	Survival rate		54%	54%
8h	Water sprinkling on roads to control airborne dust	Water sprinkling by permanent water sprinkler and water tanker over haul roads were proposed.	Water sprinkling by permanent water sprinkler and water tanker over haul roads has been carried out during the reporting year.	Water sprinkling by permanent water sprinkler and water tanker over haul roads has been carried out during the reporting year.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Lessee has planted 2753 no of sapplings within the lease area and water sprinkling by water tanker over haul roads. Stationary sprinkler system has been fixed along the haul roads to control the airborne dust and to minimize the fugutive dust emmision. This sustains the asthetic beauty of the mine area.	Lessee has planted 2753 no of sapplings within the lease area and water sprinkling by water tanker over haul roads. Stationary sprinkler system has been fixed along the haul roads to control the airborne dust and to minimize the fugutive dust emmision. This sustains the asthetic beauty of the mine area.

 Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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I/4712/2023

9a	Status of submission of Monthly and Annual returns	Monthly returns and annual return for the reporting year have been submitted within the stipulated time period.	Monthly returns and annual return for the reporting year have been submitted within the stipulated time period.	Monthly returns and annual return for the reporting year have been submitted within the stipulated time period.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	1. Sri Pankaj Kumar Mahanta - Mines Manager 2. Sri Chandan Kumar Samal- Mining Engineer 3. Sri Radhashyam Sahoo - Geologist.	1. Sri Pankaj Kumar Mahanta - Mines Manager 2. Sri Chandan Kumar Samal- Mining Engineer 3. Sri Radhashyam Sahoo - Geologist. Mines manager, Mining engineer & Geologist were present during the inspection.	1. Sri Pankaj Kumar Mahanta - Mines Manager 2. Sri Chandan Kumar Samal- Mining Engineer 3. Sri Radhashyam Sahoo - Geologist. Mines manager, Mining engineer & Geologist were present during the inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Mining - 115.961 Ha. Overburden Dump- 21.532 Ha. Reclamaid Area- Nil. Miineral storage & Others- 66.388 Ha. Infrastructure (workshop, Admin. Building & Road) - 20.161 Ha.	Area under Mining - 115.961 Ha. Overburden Dump- 21.532 Ha. Reclamaid Area- Nil. Miineral storage & Others- 66.388 Ha. Infrastructure (workshop, Admin. Building & Road) - 20.161 Ha.	Area under Mining - 115.961 Ha. Overburden Dump- 21.532 Ha. Reclamaid Area- Nil. Miineral storage & Others- 66.388 Ha. Infrastructure (workshop, Admin. Building & Road) - 20.161 Ha.

1/4712/2023

9d	Scrutiny of Annual return on afforestation	Within ML area- 1760 nos of sapplings Out side ML area- 993 nos of sapplings Total -2753 nos of sapplings Survival rate- 53%	Within ML area- 1760 nos of sapplings Out side ML area- 993 nos of sapplings Total -2753 nos of sapplings Survival rate- 53%	Within ML area- 1760 nos of sapplings Out side ML area- 993 nos of sapplings Total -2753 nos of sapplings Survival rate- 53%
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	1009440 tonnes during the reporting year.	1009440 tonnes during the reporting year.	1009440 tonnes during the reporting year.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	5700000.000 tonnes ROM of iron ore produced during the reporting year.	5700000.000 tonnes ROM of iron ore produced during the reporting year.	5700000.000 tonnes ROM of iron ore produced during the reporting year.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production: Rs. 3117.86/-. Grade wise Ex mine price for lumps and fines of iron ore as furnished in Annual return has been scrutinised.	Cost of production: Rs. 3117.86/-. Grade wise Ex mine price for lumps and fines of iron ore as furnished in Annual return has been scrutinised.	Cost of production: Rs. 3117.86/-. Grade wise Ex mine price for lumps and fines of iron ore as furnished in Annual return has been scrutinised.
9h	Scrutiny of Annual return on fixed assets	Fixed Asset: Rs. 595557825/-	Fixed Asset: Rs. 595557825/-	Fixed Asset: Rs. 595557825/-

I/4712/2023

9k	Scrutiny of Annual return on mining machineries	Machinery Capacity of each unit No. of units Electrical/Non- Electrical/Non- -Electrical	Machinery Capacity of each unit No. of units Electrical/Non- Electrical	Machinery Capacity of each unit No. of units Electrical/Non- Electrical
		BACK HOE 4.300 CUM 1 Non Electrical Opencast	BACK HOE 4.300 CUM 1 Non Electrical Opencast	BACK HOE 4.300 CUM 1 Non Electrical Opencast
		BACK HOE 4.300 CUM 1 Non Electrical Opencast	BACK HOE 4.200 CUM 4 Non Electrical Opencast	BACK HOE 4.200 CUM 4 Non Electrical Opencast
		BACK HOE 4.200 CUM 4 Non Electrical Opencast	BACK HOE 2.900 CUM 1 Non Electrical Opencast	BACK HOE 4.200 CUM 4 Non Electrical Opencast
		BACK HOE 4.200 CUM 4 Non Electrical Opencast	BACK HOE 1.400 CUM 1 Non Electrical Opencast	BACK HOE 2.900 CUM 1 Non Electrical Opencast
		BACK HOE 2.900 CUM 1 Non Electrical Opencast	BACK HOE 1.000 CUM 1 Non Electrical Opencast	BACK HOE 1.400 CUM 1 Non Electrical Opencast
		BACK HOE 2.900 CUM 1 Non Electrical Opencast	BACK HOE 0.900 CUM 1 Non Electrical Opencast	BACK HOE 1.000 CUM 1 Non Electrical Opencast
		BACK HOE 1.400 CUM 1 Non Electrical Opencast	BACK HOE 0.650 CUM 1 Non Electrical Opencast	BACK HOE 1.000 CUM 1 Non Electrical Opencast
		BACK HOE 1.400 CUM 1 Non Electrical Opencast	BACK HOE 0.250 CUM 1 Non Electrical Opencast	BACK HOE 0.900 CUM 1 Non Electrical Opencast
		BACK HOE 1.000 CUM 1 Non Electrical Opencast	DUMPER 85.000 TONNE	BACK HOE 0.250 CUM 1 Non Electrical Opencast DUMPER 85.000 TONNE
		BACK HOE 0.900 CUM 1 Non Electrical Opencast		
		BACK HOE 0.900 CUM 1 Non Electrical Opencast		
		BACK HOE 0.650 CUM 1 Non Electrical Opencast		
		BACK HOE 0.650 CUM 1 Non Electrical Opencast		
		BACK HOE 0.250 CUM 1 Non Electrical Opencast		
		BACK HOE 0.250 CUM 1 Non Electrical Opencast		
		DUMPER 85.000 TONNE		

I/4712/2023

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	14/12/2022			

Date :**(SANJIB KUMAR MOHAPATRA)**

Indian Bureau of Mines