

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/CR/JJP/MCDR-6/BBS

Mine code : 11ORI19007

- (i) Name of the Inspecting : **SKM1**) **SANJIB KUMAR MOHAPATRA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri P. K. Swain, Agent & Sri B.C. Mallick, Mines Mana
Official with
Designation
- (iv) Date of Inspection : 28/09/2022
- (v) Prev.inspection date : 07/04/2022

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SOUTH KALIAPANI**
- (b) **Registration NO.** : **IBM/4269/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ORISSA
District : JAJPUR
Village : KALIAPANI
Taluka : SUKINDA
Post office : KALIAPANI
Pin Code :
FAX No. : 06767-230367
E-mail : info@orissamining.com
Phone : 06726-268722
- (f) Police Station : Kaliapanio
- (g) First opening date : 06/10/1980
- (h) Weekly day of rest : SUN
2. Address for : SOUTH KALIAPANI CHROMITE MINE
correspondance AT/PO: KALIAPANI, DIST: JAJPUR
ORISSA
3. (a) Lease Number : ORI0236
- (b) Lease area : 552.46
- (c) Period of lease : 50
- (d) Date of Expiry : 21/01/2030
4. Mineral worked : CHROMITE Main

I/3574/2023

5. Name and Address of the

Lessee : M/S Orissa Mining Corporation Ltd
P.O.NO.34 OMC House
Bhubaneswar KHURDA ORISSA
Phone:
FAX :

Owner : Sri R. Vineel Krishna
The Odisha Mining
Corporation Ltd. OMC House
Post Box 34 Bhubaneshwar
BHUBNESHWAR ORISSA
Phone: 0674-2393431
FAX : 0674-2391629

Agent : SHRI MANOJ PATI
JAJPUR ORISSA
Phone:
FAX :

Mining Engineer

Name : SHRI N SETHI, Full Time
Qualification : B E MINING
Appointment/ : 12/06/2019
Termination date

Geologist

Name : Sri Kali Charan Rath, Full Time
Qualification : M. Sc> Geology
Appointment/ :
Termination date

Manager

Name : KATHI PRADHAN
Qualification : BE (Mining)
Appointment/ : 14/06/2019
Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	21/02/2003
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	22/03/2007
	:	Mining Scheme rule 12 MCDR1988	22/03/2010
	:	Modif.approved Mining Scheme	22/08/2014
	:	Mining Scheme rule 12 MCDR1988	16/04/2015
	:	MP modif under 17(3) MCR 2016	13/02/2018
	:	MP review under 17(1) MCR 2016	20/11/2019
	:	Modif.approved Mining Scheme	12/05/2022

I/3574/2023

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	16 nos of proposed during the year 2020-21.	14 nos of boreholes drilled during 2020-21.	02 nos backlog of previous year.
1b	Exploration over lease area for geological axis 1 or 2	14 nos of boreholes were proposed during the year 2021-22.	17 nos of boreholes during the year.	Total 30 nos boreholes proposed from 2020-21 to 2021-22 and during the said period 31 nos drilled.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	Odisha Mining Corporation Limited & Maheshwari Mining Pvt. Ltd 353.74 Lakhs	Odisha Mining Corporation Limited & Maheshwari Mining Pvt. Ltd 353.74 Lakhs
1d	Balance area to be explored to bring Geological axis in 1 or 2	66 nos of boreholes were proposed in approxi. 250 ha area, during the plan period 2020-21 to 2024-25 as per the approved document on 20.11.2019.	17 nos of boreholes were drilled during the year.	17 nos of boreholes were drilled during the year.
1e	Balance reserve as on 01/04/20		Reserves 5.99 MT and resources 5.35MT as on 1/4/2022	Reserves 5.99 MT and resources 5.35MT as on 1/4/2022

I/3574/2023

1f	General remarks of inspecting officers on geology, exploration etc	The area is represented as a part of the southern limb of folded syncline plunging south-westerly. The ore bodies show an ENE-WSW strike with steep northerly dip. The area constitutes a potential chromite deposit in the Sukinda ultramafic complex. The area has been explored under G1/G2 and G4.	The area is represented as a part of the southern limb of folded syncline plunging south-westerly. The ore bodies show an ENE-WSW strike with steep northerly dip. The area constitutes a potential chromite deposit in the Sukinda ultramafic complex. The area has been explored under G1/G2 and G4.
----	--	--	--

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Band-I - 100E to 1400 E 1800 N to 2600 N Band-II - 900 E to 1900E 1800 N to 2500N Band-IV - 70W to 1070E 300N to 750N Band IV (manual) 1300E - 2000E 400N - 700N	Band-I - 100E to 1400 E 1800 N to 2600 N Band-II -900 E to 1900E 1800 N to 2500 N Band-IV - 450E to 1070 E 300N to 750N	The lessee has not carried out the development as per the proposal during the reporting year. In this regard, aviolation letter for contravention of Rule 11(1) of MCDR 2017 has bben issued to the lessee vide letter dtd. 19.10.2022.

I/3574/2023

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Seperate benches in top soil,overbudeb and mineral have been proposed.	Seperate benches in top soil,overbudeb and mineral have been carried out.	Seperate benches in top soil,overbudeb and mineral have been carried out.
2c	Stripping ratio or ore to OB ratio	1:11.0	1:11.1	1:11.1
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	10871000 Cum	8887533.49 Cum	8887533.49 Cum
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine development is carried out by open cast mining with three pits. The lessee has not carried out the development as per the proposal during the reporting year. In this regard, aviolation letter for contravention of Rule 11(1) of MCDR 2017 has bben issued to the lessee vide letter dtd. 19.10.2022.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	04 Band-I Band-II Band-IV Band-IV(Manual)	04 Band-I Band-II Band-IV	04 Band-I Band-II Band-IV
3b	Quantity of ROM mineral production proposed	10,00,000 MT	9,99,991MT	9,99,991MT

I/3574/2023

3c	Recovery of sailable/usable mineral from ROM production	7,00,000 MT	Blending of 50,700 MT of MR/sub grade with high grade of 886100MT . Thus total saleable 936810MT.	Blending of 50,700 MT of MR/sub grade with high grade of 886100MT . Thus total saleable 936810MT.
3d	Quantity of mineral reject generation	3,00,000MT	113881 MT	Out of 113881 MT produced ,50700MT blended with high grade.
3e	Grade of mineral rejects generation and threshold value declared.	10-40% (Cr2O3)	10-40% (Cr2O3)	10-40% (Cr2O3)
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 and manual	Mechanized	Mechanized
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Proposed	Not carried out because of non availability of tailing pond and it is in process.	Not carried out because of non availability of tailing pond and it is in process.
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting proposed	Drilling and blasting carried out as proposed.	Drilling and blasting carried out as proposed.
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 6m.	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/3574/2023

3m	Total area covered under excavation/pits	227.742 Ha	183.65 Ha.	183.65 Ha. at the end of the reporting year.
3n	Ore to OB ratio for the pit/mine during the year.	1:11	1: 11.1	1: 11.1
3o	Total area put in use under different heads at the end of year	As per approved document dt. 20.11.2019 total area put to use under different heads Area under Mining 227.742 ha Overburden Dump 144.484 ha Mineral storage & Mineral Reject ore storage 55.385 ha Infrastructure (Workshop, Admn. Building ETP, COBP etc) 34.1041 ha Roads 27.252 ha Tailing pond 20.000 ha.	Area under Mining - 183.65ha Overburden dump- 140.4 Ha Miineral storage- 24.46ha Infrastructure (workshop, Admin. Building - 9.276 5. ha Road - 12.17ha Tailing-20 ha	Area under Mining - 183.65ha Overburden dump- 140.4 Ha Miineral storage- 24.46ha Infrastructure (workshop, Admin. Building - 9.276 5. ha Road - 12.17ha Tailing-20 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18= 832716 MT 2018-19 = 1391228 MT 2019-20= 1385751 MT 2020-21= 14,00,000 MT 2021-22=10,00,000MT	2017-18 =755145 MT 2018-19 = 1050513 MT 2019-20 = 7,13,526 MT 2020-21= 965736 MT 2021-22=9,99,991 MT	2017-18 =755145 MT 2018-19 = 1050513 MT 2019-20 = 7,13,526 MT 2020-21= 965736 MT 2021-22=9,99,991 MT

I/3574/2023

3q General remarks
of inspecting
officers on
method of mining
etc.

The method of
mining is A
category and is
fully mechanised .
The ROM production
is carriedout by
opencast mining
method. The lessee
has not carried
out the
development/mining
as per the
proposal during
the reporting
year. In this
regard, a violation
letter for
contravention of
Rule 11(1) of MCDR
2017 has been
issued to the
lessee vide letter
dtd. 19.10.2022.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of top soil,OB and mineral reject is proposed.	Separate dumping of OB and mineral reject is proposed have been carried out.	Separate dumping of OB and mineral reject is proposed have been carried out.
4b	Location of topsoil, OB and mineral reject dumps	Overburden- 2328750N to 2326500N/ 375750E to 373500E (144.48 Ha) Subgrade - Within the Mineral stored area	Overburden- 2328750N to 2326500N/ 375750E to 373500E (144.48 Ha) Subgrade - Within the Mineral stored area	Overburden- 2328750N to 2326500N/ 375750E to 373500E (144.48 Ha) Subgrade - Within the Mineral stored area
4c	Number of dumps within lease area and outside of lease area	01 WD1	01 WD1	01 WD1

I/3574/2023

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	Outside UPL
4e	Number of active and alive dumps.	01	01	01
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Retainingwall WD1/WD2 = 1300 m Garland drain WD1/WD2 = 1100	Retaining wall WD1/WD2 = 1350 m Garland drain WD1/WD2 = 1100 m	Retaining wall WD1/WD2 = 1350 m Garland drain WD1/WD2 = 1100 m
4i	Length of Retaining wall or garland drain all along dumps	Retainingwall WD1/WD2 = 1300 m Garland drain WD1/WD2 = 1100 m	Retaining wall WD1/WD2 = 1350 m Garland drain WD1/WD2 = 1100 m	Retaining wall WD1/WD2 = 1350 m Garland drain WD1/WD2 = 1100 m
4j	Number of settling ponds	01	01	01
4k	Specific comments of inspecting officer on waste dump management		Separate stacking of OB & mineral reject was carried out and mineral reject were subsequently blended with salebale ore and sold out of a regular manner. OB dump was doe as per the proposed location and retaining wall has been constructed around the waste dump during the reprting year.	Separate stacking of OB & mineral reject was carried out and mineral reject were subsequently blended with salebale ore and sold out of a regular manner. OB dump was doe as per the proposed location and retaining wall has been constructed around the waste dump during the reprting year.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

I/3574/2023

5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Nil	Nil	No proposal during the reporting year.
5b	Area under backfilling of mined out area	Nil	Nil	No proposal during the reporting year.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	No proposal during the reporting year.
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	No proposal during the reporting year.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		As the mine is not matured during the reporting year, no proposal for reclamation and rehabilitation was proposed.	As the mine is not matured during the reporting year, no proposal for reclamation and rehabilitation was proposed.

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).	1.00 Ha	2.00 Ha	2.00 Ha
6d	No. of saplings planted during the year	2500 nos	5500 nos	5500 nos

I/3574/2023

6e	Cumulative no .of plants		108659 nos of sapplings.	108659 nos of sapplings.
6f	Any other method of rehabilitation	Nil	Nil	Nil
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)Afforestati on 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	1.00 Ha	2.00 Ha.	2.00 Ha.

I/3574/2023

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	1.00 Ha.	2.00 Ha.	2.00 Ha.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	Plantation	Plantation
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 and environmental monitoring as per the proposal during the reporting year.	The lessee has carried out afforestation 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	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are to be sorted within lease hold area.	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are sorted within lease hold area.	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are sorted within lease hold area.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	Mechanical

I/3574/2023

7c	Different grade of mineral sorted out at mines.	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are to be sorted within lease hold area.	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are sorted within lease hold area.	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are sorted within lease hold area.
7d	Any beneficiation process at mines .	Proposed for the reporting year.	Not carried out because of non availability of tailing pond.	Not carried out because of non availability of tailing pond. new bebeficiation plan commissioning is in process.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are sorted within lease hold area. Beneficiation not carried out because of non availability of tailing pond. new wet bebeficiation plan commissioning is in process.	+52% cr2o3 40-52% cr2o3 below 40% cr203 grade are sorted within lease hold area. Beneficiation not carried out because of non availability of tailing pond. new wet bebeficiation plan commissioning is in process.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	No generation of top soil during the reporting year.
8b	Concurrent use or storage of topsoil	Nil	Nil	No generation of top soil during the reporting year.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of waste, rejects and fines are proposed.	Separate dumping of waste, rejects and fines are being practiced.	Separate dumping of waste, rejects and fines are being practiced.

I/3574/2023

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	No such proposal during the reporting year.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	No such proposal during the reporting year.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2500 nos proposed	5500 Sapplings planted during the reporting year.	5500 Sapplings planted during the reporting year.
8g	Survival rate		90%	90%
8h	Water sprinkling on roads to control airborne dust		Water sprinkling by water tanker over haul roads has been carried out.	Water sprinkling by water tanker over haul roads has been carried out.

I/3574/2023

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Lessee has planted 5500 no of saplings within the lease area and water sprinkling by water tanker over haul roads. Stationary sprinkler system has been fixed along the haul roads.Using of mist cannon to control the airborne duct. Sweeping machine (vacum cleaner) is being used for cleaning of concrete road within the lease area to minimize the fugutive dust emmision. This sustains the asthetic beauty of the mine area.	Lessee has planted 5500 no of saplings within the lease area and water sprinkling by water tanker over haul roads. Stationary sprinkler system has been fixed along the haul roads.Using of mist cannon to control the airborne duct. Sweeping machine (vacum cleaner) is being used for cleaning of concrete road within the lease area 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
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.

I/3574/2023

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	1. Sri B. C. Mallick - Mines Manager 2. Sri N.N. Sethi- Mining Engineer 3. Sri Tanya Sinha - Geologist.	1. Sri B. C. Mallick - Mines Manager 2. Sri N.N. Sethi- Mining Engineer 3. Sri Tanya Sinha - Geologist. Mines manager, Mining engineer & Geologist were present during the inspection.	1. Sri B. C. Mallick - Mines Manager 2. Sri N.N. Sethi- Mining Engineer 3. Sri Tanya Sinha - 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 - 183.65ha Overburden dump- 140.4 Ha Miineral storage- 24.46ha Infrastructure (workshop, Admin. Building - 9.276 5. ha Road - 12.17ha Tailing-20 ha	Area under Mining - 183.65ha Overburden dump- 140.4 Ha Miineral storage- 24.46ha Infrastructure (workshop, Admin. Building - 9.276 5. ha Road - 12.17ha Tailing-20 ha	Area under Mining - 183.65ha Overburden dump- 140.4 Ha Miineral storage- 24.46ha Infrastructure (workshop, Admin. Building - 9.276 5. ha Road - 12.17ha Tailing-20 ha
9d	Scrutiny of Annual return on afforestation	5500 sapplings planted during the reporting year.	5500 sapplings planted during the reporting year.	5500 sapplings planted during the reporting year.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	1,13,181 MT mineral reject generated during the reporting year.	1,13,181 MT mineral reject generated during the reporting year.	1,13,181 MT mineral reject generated during the reporting year.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Fines: Below 40% Cr2O3- 1137125.070 tonnes, +40 to -52% Cr2O3- 429338.387 tonnes, +52 Cr2O3- 98081.933 tonnes	Fines: Below 40% Cr2O3- 1137125.070 tonnes, +40 to -52% Cr2O3- 429338.387 tonnes, +52 Cr2O3- 98081.933 tonnes	Fines: Below 40% Cr2O3- 1137125.070 tonnes, +40 to -52% Cr2O3- 429338.387 tonnes, +52 Cr2O3- 98081.933 tonnes

I/3574/2023

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production: Rs. 8294.48/- furnished in Annual return.	Cost of production: Rs. 8294.48/- furnished in Annual return has been scrutinised.	Cost of production: Rs. 8294.48/- furnished in Annual return has been scrutinised.
9h	Scrutiny of Annual return on fixed assets	Fixed Asset: Rs. 473909833/-, furnished in annual return of the reporting year.	Fixed Asset: Rs. 473909833/-, furnished in annual return of the reporting year.	Fixed Asset: Rs. 473909833/-, furnished in annual return of the reporting year.

I/3574/2023

Sl. No.	Equipment	Bucket cap Quantity (Nos.)	Sl. No.	Equipment	Bucket cap Quantity (Nos.)
9k	Scrutiny of Annual return on mining machineries				
1	Excavator, EC 480 DL	3.1m ³ 11	1	Excavator, EC 480 DL	3.1m ³ 11
2	Excavator, TATA HITACHI EX 200& 220	1.3m ³ 02	2	Excavator, TATA HITACHI EX 200& 220	1.3m ³ 02
3	Dumper, FMX-440 (VLOVO)	18.7 CUM 46	3	Dumper, FMX-440 (VLOVO)	18.7 CUM 46
4	Dumper, VOLVO, FMX460	19.5 CUM 24	4	Dumper, VOLVO, FMX460	19.5 CUM 24
5	Dumper, VOLVO, FM 400	16.0 CUM 04	5	Dumper, VOLVO, FM 400	16.0 CUM 04
6	Dumper, Bharat Benz	3128 18 CUM 05	6	Dumper, Bharat Benz	3128 18 CUM 05
7	Dozer, D85ESS-2A (KOMATSU)	4.4 CUM 05	7	Dozer, D85ESS-2A (KOMATSU)	4.4 CUM 05
8	Dozer, KOMATSU, D85	5.61 CUM 06	8	Dozer, KOMATSU, D85	5.61 CUM 06
9	Motor Grader, Case	845B 7,250 mm 03	9	Motor Grader, Case	845B 7,250 mm 03
10	Drill, PRD Drill-D	165mm 01	10	Drill, PRD Drill-D	165mm 01
11	Drill, Atlas Copco	ROC L6 130 mm 01	11	Drill, Atlas Copco	ROC L6 130 mm 01
12	Drill, Flexi ROC	D65 127mm 01	12	Drill, Flexi ROC	D65 127mm 01
13	Water Tanker,		13	Water Tanker,	

I/3574/2023

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	19/10/2022			
MCDR17	Rule 33	19/10/2022			
MCDR17	Rule 34(1)	19/10/2022			

Date :**(SANJIB KUMAR MOHAPATRA)**

Indian Bureau of Mines