

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON-MN/SNG/MCDR-9/BBS

Mine code : 30ORI13009

- (i) Name of the Inspecting : **U11**) **DAYANAND UPADHYAY**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Baishnab Charan Mallik, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 18/12/2019
- (v) Prev.inspection date : 18/03/2019

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KURMITAR(KHANDADHAR)**
- (b) **Registration NO.** : **IBM/4269/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : RANTHA
- Taluka : BONAIGARH
- Post office : BARSUAN
- Pin Code : 770041
- FAX No. : 06625235228
- E-mail : omckurmitarmines@gmail.com
- Phone : 06767-275253
- (f) Police Station : BARSUAN
- (g) First opening date : 29/04/1965
- (h) Weekly day of rest : SUN
2. Address for : VILL:SAREIKELA,PO.BARSUAN
correspondance POLICE STATION : BARSUAN
DIST> SUNDARGARH,ORISSA,PIN 770041
3. (a) Lease Number : ORI0039
- (b) Lease area : 408.87
- (c) Period of lease :
- (d) Date of Expiry : 30/12/2038
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : O.M.C.LTD.
 SRI.G.K.DHAL,MD OMC House
 ,P.B.No.34 BHUBANESWAR
 KHURDA ORISSA
 Phone:
 FAX :0674-401629(BBSR),06767-30257

Owner : m/s ORISSA MINING CORPORATION LTD
 OMC HOUSE P.B.No.34
 BHUBNESHWAR ORISSA
 Phone: 2393431
 FAX : 2391629

Agent : P. K. SWAIN
 REGIONAL OFFICE, O.M.C.
 LTD. PO- KOIRA, DIST-
 SUNDARGARH SUNDARGARH
 ORISSA
 Phone: 9437366390
 FAX : 06625235228

Geologist

Name : S.MISHRA,Full Time
 Qualification : M.Sc (APPLIED GEOLOGY)
 Appointment/ : 25/08/2010
 Termination date

Manager

Name : KATHI PRADHAN
 Qualification : BE(Mining)
 Appointment/ : 10/12/2014
 Termination date

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	10/03/2006
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	23/10/2006
	:	Modif.of approved Mining Plan	25/09/2008
	:	Mining Scheme rule 12 MCDR1988	05/03/2009
	:	Mining Scheme rule 12 MCDR1988	06/04/2010
	:	Modif.approved Mining Scheme	29/11/2010
	:	FMCP under 23C(1)	08/06/2012
	:	Modif.of approved Mining Plan	24/11/2014
	:	Mining Scheme rule 12 MCDR1988	08/05/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	06 number of bore holes in 2018-19	In 208-19, total 08 nos. of bore holes of 493.70m drilled by lessee.	In 208-19, total 08 nos. of bore holes of 493.70m drilled by lessee.
1b	Exploration over lease area for geological axis 1 or 2	Exploration proposal in G-1 level.	In 208-19, total 08 nos. of bore holes of 493.70m drilled by lessee under G1 level.	In 208-19, total 08 nos. of bore holes of 493.70m drilled by lessee under G1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Exploration agency not specified prior to execute of proposed drilling	Exploration agency: M/s. Mining Associated Pvt. Ltd., and cost incurred during drilling is Rs 21,62,406.	Exploration agency: M/s. Mining Associated Pvt. Ltd., and cost incurred during drilling is Rs 21,62,406.
1d	Balance area to be explored to bring Geological axis in 1 or 2	About 237.41 ha area during approved plan period.	In 208-19, total 08 ha area covered under exploration under G1 level.	In 208-19, total 08 ha area covered under exploration under G1 level.
1e	Balance reserve as on 01/04/20	As per SOM approved on 08/05/2015, proved reserve under 111-107.4MT, 121- 32.74MT, 122-4.87MT and total resources- 41.3MT	Balance reserve as on 01/04/2019 under 111 category was 97.891MillionT and under 121& 122 category- 37.61 million T	Balance reserve as on 01/04/2019 under 111 category was 97.891MillionT and under 121& 122 category- 37.61 million T
1f	General remarks of inspecting officers on geology, exploration etc	06 number of bore holes in 2018-19	In 208-19, total 08 nos. of bore holes of 493.70m drilled by lessee.	Lease area explored under G1 level, 184.10 ha and under G2 level of exploration 139.35 ha.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Single pit in QUARRY- VI (2860E-3600 E & 2060N-2864N)	Working is concentrated in single pit as proposed.	Working is concentrated in single pit as proposed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB and ore with 6m height, top soil bench- nil.	Separate benches in OB and ore of 6m height have been maintained.	Separate benches in OB and ore of 6m height have been maintained.
2c	Stripping ratio or ore to OB ratio	1: 0.15T/cu.m	1: 0.66T/cu.m	Stripping ratio is varries due to irregular nature of deposit.
2d	Quantity of topsoil generation in m3	No top soil generation as the working is proposed in broken up area.	Nil.	There is no proposal of top soil as the working is proposed in broken up area.
2e	Quantity of overburden generation in m3	10,30,000cu.m	16,10,443 cu.m	Generation of OB is increased due to encounter of BHJ and BHQ.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The development is proposed in single pit in QUARRY- VI.	The development is proposed in single pit and bench height is maintained 6m as per proposal.	The development is carried out within proposed limit.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit in QUARRY- VI.	Working is concentrated in single pit as proposed.	There are 02 pits. Working is concentrated in single pit as proposed.
3b	Quantity of ROM mineral production proposed	69,70,000 MT	24,00,000 MT	Less ROM produced due to existing EC & CTO is of 2.4 MTPA

3c	Recovery of sailable/usable mineral from ROM production	60,30,000 MT	23,20,000MT	Recovery of saleable ore is less due to less production of ROM.
3d	Quantity of mineral reject generation	9,40,000 MT	80,000 MT	Recovery of mineral reject/sub grade generation is less due to less production of ROM.
3e	Grade of mineral rejects generation and threshold value declared.	+45 to 58% Fe	+45 to 58% Fe	Mineral reject/sub grade generated during 2018-19 is +45 to 58% Fe
3f	Quantity of sub grade mineral generation.	9,40,000 MT	80,000 MT	Recovery of mineral reject/sub grade generation is less due to less production of ROM.
3g	Grade of sub grade mineral generation	+45 to 58% Fe	+45 to 58% Fe	Mineral reject/sub grade generated during 2018-19 is +45 to 58% Fe
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.	Not proposed.	Only crushing and screening is carried out.	Only crushing and screening is carried out.
3j	Provision of drilling and blasting in mineral benches	DTH drilling of 110mm dia. Blast hole with using Nonel and Nitro compound Cartridge.	Drilling is carried out by 110 mm dia drill machine. Deep Hole blasting is carried out using Nonel and Nitro compound Cartridge.	Drilling is carried out by 110 mm dia drill machine. Deep Hole blasting is carried out using Nonel and Nitro compound Cartridge.

3k	Provision of mining machineries in mineral benches	Excavator-12 Nos., Dumper-44 Nos., Drill- 6 Nos., Loader- 10 Nos., Crushing & Screen Plant- 3 Nos. Mobile Screen Plant- 4 Nos.	Excavator-11 Nos., Dumper-47 Nos., Drill- 1 Nos., Loader- 4 Nos., Crushing & Screen Plant- 2 Nos., Dozer- 1 No., Tanker- 6 Nos.	Excavator-11 Nos., Dumper-47 Nos., Drill- 1 Nos., Loader- 4 Nos., Crushing & Screen Plant- 2 Nos., Dozer- 1 No., Tanker- 6 Nos.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height- 6 Mtr	Bench height is suitably matched with the excavator.	Bench height is suitably matched with the excavator.
3m	Total area covered under excavation/pits	84.027 ha proposed during approved plan period.	About 77.28 ha area has been covered under excavation pits.	About 77.28 ha area has been covered under excavation pits.
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.15T/cu.m	1: 0.66T/cu.m	Stripping ratio is varies due to irregular nature of deposit.
3o	Total area put in use under different heads at the end of year	Total area proposed under different heads are Pit-84.027 ha, waste dump- 27.92 ha, Infrastructure- 12.346, roads- 4.788 ha, Mineral storage-12.80, sub grade & others -23.07 ha.	Total area covered under different heads are Pit-77.28ha, Infrastructure-4.85ha, OB dump-21.34ha and others- 18.260ha	Total area covered under different heads are Pit- 77.28ha, Infrastructure- 4.85ha, OB dump- 21.34ha and others- 18.260ha
3p	Production of ROM mineral during the last five year period as applicable	2014-15-3.74 MT 2015-16-3.14 MT 2016-17-4.74 MT 2017-18-4.97 MT 2018-19-6.97 MT	2014-15- 0.68 MT 2015-16-2.4 MT 2016-17-2.4 MT 2017-18-2.4 MT 2018-19-2.4 MT	ROM Production is within the approved proposal.

3q	General remarks of inspecting officers on method of mining etc.	Excavation of ROM has been proposed in single pit i.e quarry-VI.	The ROM production has been carried out in single pit i.e quarry-VI. DTH drilling of 110mm dia. Blast hole with using Nonel and Nitro compound Cartridge alongwith delay detonator is being practiced for drilling and blasting.	The ROM production has been carried out in single pit i.e quarry-VI. DTH drilling of 110mm dia. Blast hole with using Nonel and Nitro compound Cartridge alongwith delay detonator is being practiced for drilling and blasting.
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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping for overburden and mineral reject. Top soil not proposed.	Separate dumping for overburden and mineral reject are maintained.	There is no top soil generation.
4b	Location of topsoil, OB and mineral reject dumps	New waste dump in eastern boundary of the lease area between coordinate 1800N to 2200N. New sub grade dump in eastern boundary of the lease area between coordinate 4500E to 4850E and in western boundary of the lease area between coordinate 2300E to 2400E	Proposed new waste dump and sub grade dumps are not created due to want of forest clearance and dumping are continued on existing dumps.	Shortcomings are pointed out through violation letter ORI/Iron-MN/SNG/MCDR-9/BBS, dated 23/12/2019.

4c	Number of dumps within lease area and outside of lease area	One Waste dump between coordinate 1800N to 2200N. Two Sub grade dump between coordinate 4500E to 4850E and between coordinate 2300E to 2400E.	Proposed waste dump and sub grade dumps are not created are dumping are continued on existing dumps. There are two sub grade dumps and 02 waste dumps.	There are two sub grade dumps and 02 waste dumps in the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Waste dump between coordinate 1800N to 2200N. Sub grade dump between coordinate 4500E to 4850E and between coordinate 2300E to 2400E.	There are two sub grade dumps in north central side of lease and eastern side of lease and two waste dumps eastern side of lease.	There are two sub grade dumps in north central side of lease and eastern side of lease and two waste dumps eastern side of lease.
4e	Number of active and alive dumps.	One active waste dump between coordinate 1800N to 2200N and 02 Sub grade dump between coordinate 4500E to 4850E and between coordinate 2300E to 2400E.	Proposed waste dump and sub grade dumps are not created are dumping are continued on existing dumps. There are two sub grade dumps and 02 waste dumps.	Shortcomings are pointed out through violation letter ORI/Iron-MN/SNG/MCDR-9/BBS, dated 23/12/2019.
4f	Number of dead dumps.	One dead dump in eastern side of lease.	There is one dead dump in eastern side of lease.	There is one dead dump in eastern side of lease. Slope dump of the stabilised by plantation.

4g	Number of dumps established.	One dead dump in eastern side of lease.	There is one dead dump in eastern side of lease. Slope dump of the stabilised by plantation.	There is one dead dump in eastern side of lease. Slope dump of the stabilised by plantation.
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed in 2018-19.	Retaining wall and garland drain have been made along the existing dumps.	Retaining wall and garland drain have been made along the existing dumps.
4i	Length of Retaining wall or garland drain all along dumps	Not proposed in 2018-19.	Retaining wall and garland drain have been made along the existing dumps.	Retaining wall and garland drain have been made along the existing dumps.
4j	Number of settling ponds	Not proposed in 2018-19.	Nil.	Check dams proposed during previous year are not made as proposed new dumps are not created. Shortcomings are pointed out through violation letter.
4k	Specific comments of inspecting officer on waste dump management	One Waste dump between coordinate 1800N to 2200N. Two Sub grade dump between coordinate 4500E to 4850E and between coordinate 2300E to 2400E.	Proposed waste dump and sub grade dumps are not created due to want of forest clearance and dumping are continued on existing dumps. There are two sub grade dumps and 02 waste dumps.	Shortcomings are pointed out through violation letter ORI/Iron-MN/SNG/MCDR-9/BBS, dated 23/12/2019.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
5b	Area under backfilling of mined out area	Not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
5d	Total area fully reclaimed and rehabilitated	Not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.

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).	Not specified.	Annual return on PMCP has been submitted.	Annual return on PMCP has been submitted.
6b	Area available for rehabilitation (ha) .	Not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.

6c	afforestation done (ha).	500 Nos. of plantation proposed in outside of lease. Area not specified.	In 2018-19, about 56500 nos. of tree planted outside the lease area.	n 2018-19, about 56500 nos. of tree planted outside the lease area.
6d	No. of saplings planted during the year	500 Nos. of plantation.	In 2018-19, about 56500 nos. of tree planted outside the lease area.	In 2018-19, about 56500 nos. of tree planted outside the lease area.
6e	Cumulative no .of plants	Not specified.	Cumulative nos. of saplings planted in the lease area is about 147000 nos.	Cumulative nos. of saplings planted in the lease area is about 147000 nos.
6f	Any other method of rehabilitation	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
6g	Cost incurred on watch and care during the year	Not specified.	Around Rs. 1,80,000/- cost incurred on watch and care.	Around Rs. 1,80,000/- cost incurred on watch and care.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not proposed.	Nil.	There is no proposal of waste land.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not proposed.	Nil.	There is no proposal of waste land.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not proposed.	Nil.	There is no proposal of waste land.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring	Quarterly monitoring of air, water and noise level are being carried out.	Quarterly monitoring of air, water and noise level are being carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Backfilling and reclamation and rehabilitation are not proposed as pits are not exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation. Quarterly monitoring of air, water and noise level are being carried out.	Pits are not matured for backfilling and reclamation and rehabilitation.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting.	Gradewise sorting is being practiced.	Gradewise sorting is being practiced.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanised.	Mechanised.	Mechanised.
7c	Different grade of mineral sorted out at mines.	45% to 55% Fe and +55% Fe.	Different grades of minerals sorted out at mines are 45% to 55% Fe and +55% Fe.	Different grades of minerals sorted out at mines are 45% to 55% Fe and +55% Fe.
7d	Any beneficiation process at mines .	Not proposed.	Only crushing and screening Of ROM is being practiced.	Only crushing and screening Of ROM is being practiced.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Gradewise sorting of +45% to 55% Fe and +55% Fe.	Different grades of minerals sorted out at mines are 45% to 55% Fe and +55% Fe.	Different grades of minerals sorted out at mines are 45% to 55% Fe and +55% Fe.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed.	Nil.	No top top soil generation is proposed.
8b	Concurrent use or storage of topsoil	Not proposed.	Nil.	No top top soil generation is proposed.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping for overburden and mineral reject.	Separate dumping for overburden and mineral reject are maintained.	Separate dumping for overburden and mineral reject are maintained.

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed as pits are exhausted.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling and reclamation and rehabilitation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	500 Nos. of plantation proposed in outside of lease.	In 2018-19, about 56500 nos. of tree planted outside the lease.	In 2018-19, about 56500 nos. of tree planted outside the lease.
8g	Survival rate	Not specified.	As reported survival rate is 98%.	As reported survival rate is 98%.
8h	Water sprinkling on roads to control airborne dust	Water sprinkler	Water sprinkler 6 nos. (12 KL) are used to control air borne dust.	Water sprinkler 6 nos. (12 KL) are used to control air borne dust.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	500 Nos. of plantation in 2018-19.	In 2018-19, total 56500 nos of saplings have been planted by lessee. As reported cumulative no. of trees planted by lessee is about 147000 nos.	Aesthetic beauty in and around mined area is maintained by plantation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly & Annual returns are being regularly submitted by lessee.	Monthly & Annual returns are being regularly submitted by lessee.	Monthly & Annual returns are being regularly submitted by lessee.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The employment status of mining engineer, geologist & mine manager have been furnished in the annual return submitted for the year 2018-19.	The employment status of mining engineer, geologist & mine manager have been furnished in the annual return submitted for the year 2018-19.	The employment status of mining engineer, geologist & mine manager have been furnished in the annual return submitted for the year 2018-19.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Excavation- 77.28ha, Ob dump- 21.34ha, Infra- 4.585	Excavation- 77.28ha, Ob dump- 21.34ha, Infra- 4.585	Excavation- 77.28ha, Ob dump- 21.34ha, Infra- 4.585
9d	Scrutiny of Annual return on afforestation	56500nos. of plantation.	56500nos. of plantation.	56500nos. of plantation.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil.	Nil.	Processed ore 55-58 % Fe(Fines)-80,000T

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock in tonnes: -55 % Fe(Lump)-100000.000, 58-60 % Fe(Lump)-16375.935, 62-65 % Fe(Lump)-760749.930, +65 % Fe(Lump)-1525.625, 51-55 % Fe(Fines)-61612.785, 55-58 % Fe(Fines)-173800.000, 60-62 % Fe(Fines)-352024.710, 62-65 % Fe(Fines)-6814.265	Closing Stock in tonnes: -55 % Fe(Lump)-100000.000, 58-60 % Fe(Lump)-16375.935, 62-65 % Fe(Lump)-760749.930, +65 % Fe(Lump)-1525.625, 51-55 % Fe(Fines)-61612.785, 55-58 % Fe(Fines)-173800.000, 60-62 % Fe(Fines)-352024.710, 62-65 % Fe(Fines)-6814.265	Closing Stock in tonnes: -55 % Fe(Lump)-100000.000, 58-60 % Fe(Lump)-16375.935, 62-65 % Fe(Lump)-760749.930, +65 % Fe(Lump)-1525.625, 51-55 % Fe(Fines)-61612.785, 55-58 % Fe(Fines)-173800.000, 60-62 % Fe(Fines)-352024.710, 62-65 % Fe(Fines)-6814.265
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex- Mines Price-62-65 % Fe (Lump) -Rs 3935.99/- 60-62 % Fe (Fines) -Rs 1143.87/-	Ex- Mines Price-62-65 % Fe (Lump) -Rs 3935.99/- 60-62 % Fe (Fines) -Rs 1143.87/-	Ex- Mines Price-62-65 % Fe (Lump) -Rs 3935.99/- 60-62 % Fe (Fines) -Rs 1143.87/-
9h	Scrutiny of Annual return on fixed assets	Fixed asset: Rs.2,36,40,164 /-	Fixed asset: Rs.2,36,40,164/-	Fixed asset: Rs.2,36,40,164/-
9k	Scrutiny of Annual return on mining machineries	Excavator-11 Nos., Dumper-47 Nos., Drill- 1 Nos., Loader- 4 Nos., Crushing & Screen Plant- 2 Nos., Dozer- 1 No., Tanker- 6 Nos.	Excavator-11 Nos., Dumper-47 Nos., Drill- 1 Nos., Loader- 4 Nos., Crushing & Screen Plant- 2 Nos., Dozer- 1 No., Tanker- 6 Nos.	Excavator-11 Nos., Dumper-47 Nos., Drill- 1 Nos., Loader- 4 Nos., Crushing & Screen Plant- 2 Nos., Dozer- 1 No., Tanker- 6 Nos.

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

Date :

(DAYANAND UPADHYAY)

Indian Bureau of Mines