

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/SNG/MCDR-13/BBS

Mine code : 30ORI13025

- (i) Name of the Inspecting : **SRM**) **SHRI SUDIP RANJAN MAZUMDAR**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri. C.S.Mishra, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 18/03/2019
- (v) Prev.inspection date : 30/11/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **TANTRA**
- (b) **Registration NO.** : **IBM/6694/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : TANTRA
- Taluka : BONAI
- Post office : TENSA
- Pin Code : 770042
- FAX No. : 06625-236305
- E-mail : korptantramines@gmail.com
- Phone : 06625-236305
- (f) Police Station : Koira
- (g) First opening date : 01/09/1986
- (h) Weekly day of rest : SUN
2. Address for : AT/PO-KOIRA
correspondance DIST- SUNDERGARH
ORISSA-770042
3. (a) Lease Number : ORI0132
- (b) Lease area : 72.56
- (c) Period of lease : 20
- (d) Date of Expiry : 21/11/2005
4. Mineral worked : BAUXITE Associated
IRON ORE Main

5. Name and Address of the

Lessee : M/S KORP RESOURCES PVT LTD
 161, RABINDRA SARANI, PS-
 BURRA BAZAR KOLKATTA
 KOLKATA WEST BENGAL
 Phone:03322683832
 FAX :03322683832

Owner : SHRI PRAHLAD ROY GOENKA
 161, RABINDRA SARANI, PS-
 BURRA BAZAR KOLKATA KOLKATA
 WEST BENGAL
 Phone: 9831094640
 FAX : 03322683832

Mining Engineer

Name : SHRI RUDRA MOHAN NAYAK, Full Time
 Qualification : B E MINING (AMIE)
 Appointment/ : 01/03/2019
 Termination date

Geologist

Name : SHRI P K PATHAK, Full Time
 Qualification : MSC (GEOLOGY)
 Appointment/ : 05/07/2012
 Termination date

Manager

Name : SHRI CHANDRA SEKHAR MISHRA
 Qualification : MSC GEOLOGY (FIRST CLASS MINES MANAGER C
 Appointment/ : 15/03/2016
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	29/03/2004
Plan/Scheme of Mining		PMCP under 23B(2) for Existing	22/10/2007
		Mining Scheme rule 12 MCDR1988	11/12/2008
		Modif. approved Mining Scheme	03/03/2010
		Mining Scheme rule 12 MCDR1988	19/04/2013
		MP review under 17(1) MCR 2016	18/05/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2016-17: 10 nos. of boreholes	2016-17: Nil. In the previous inspection dated 30.11.2017, violation and subsequently showcause notice was issued for non-compliance of exploration proposal. The review of mining plan for the period 2018-19 to 2021-22 have been approved and in the said review the proposal for drilling of required number of boreholes has been incorporated. The violation was thus complied.	Nil
1b	Exploration over lease area for geological axis 1 or 2	2017-18: 10 nos. of boreholes	2017-18: Nil. In the previous inspection dated 30.11.2017, violation and subsequently showcause notice was issued for non-compliance of exploration proposal. The review of mining plan for the period 2018-19 to 2021-22 have been approved and in the said review the proposal for drilling of required number of boreholes has been incorporated. The violation was thus complied.	Nil

1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable as not specified	Proposed boreholes for 2017-18 have not been drilled.	In the previous inspection dated 30.11.2017, violation and subsequently showcause notice was issued for non-compliance of exploration proposal. The review of mining plan for the period 2018-19 to 2021-22 have been approved and in the said review the proposal for drilling of required number of boreholes has been incorporated. The violation was thus complied.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area under G3 level of exploration is 15.042 ha	There was no exploration work carried out in 2017-18.	In the previous inspection dated 30.11.2017, violation and subsequently showcause notice was issued for non-compliance of exploration proposal. The review of mining plan for the period 2018-19 to 2021-22 have been approved and in the said review the proposal for drilling of required number of boreholes has been incorporated. The violation was thus complied.

1e	Balance reserve as on 01/04/20	Reserve under 111 category as per approved scheme of mining dated 19.04.2013 was 2001000 tonnes and resources under 211 category was 699000 tonnes	ROM Production during the year 2017-18 was 106200 tonnes. Reserve under 111 category as per review of mining plan approved dated 18.05.2018 is 3.918 million tonnes and resources under 211 category is 1.010 million tonnes.	Annual Return for 2016-17 and 2017-18 have not been submitted to IBM. Violation is thus issued under rule 45 (5)(c) of MCDR, 2017.
1f	General remarks of inspecting officers on geology, exploration etc	2016-17 and 2017-18: 10 nos. of boreholes per year	In the previous inspection dated 30.11.2017, violation and subsequently showcause notice was issued for non-compliance of exploration proposal for the year 2016-17 and 2017-18. The review of mining plan for the period 2018-19 to 2021-22 have been approved and in the said review the proposal for drilling of required number of boreholes has been incorporated. The violation was thus complied. Violation is thus issued under rule 45 (5)(c) of MCDR, 2017 for non-submission of annual returns.	Nil

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	In 2017-18, the proposal for development was between coordinates 311720E to 311930 E and 2420570N to 2420950N. It was proposed to develop pit towards southern side along the lease boundary.	In 2017-18, the location of development was between coordinates 311720E to 311930 E and 2420570N to 2421020N . The pit has also been developed in the northern part along the lease boundary of M/s PTA and M/s JSPL beyond the approved proposal. In the previous inspection dated 30.11.2017, violation and subsequent showcause was issued for developemnt beyond the approved proposal which was duly complied with the proposal in the review of mining plan approved on 18.05.2018.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No such proposal of separate bench in overburden as in the deposit iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore.	Not applicable as in the deposit iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore.	Nil
2c	Stripping ratio or ore to OB ratio	No such proposal as there is no overburden proposal in the lease area. As far as the deposit is concerned, iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore.	In 2017-18, actual waste generation was 696.97 m3. The waste generated during the course of mining was utilised in road making for beneficiation plant.	Nil

2d	Quantity of topsoil generation in m3	2400 m3	Nil. The pit has been developed in the northern part along the lease boundary of M/s PTA and M/s JSPL beyond the approved proposal instead of southern side of the lease. Therefore, top soil generation was nil.	Nil
2e	Quantity of overburden generation in m3	No such proposal as there is no overburden in the lease area. As far as the deposit is concerned , iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore.	In 2017-18, actual waste generation was 696.97 m3. The waste generated during the course of mining was utilised in road making for beneficiation plant.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Location of development towards southern side of the lease with separate benches in ore overburden, top soil generation and no generation of overburden.	Location of development towards northern side with separate benches in overburden and ore. In 2017-18, 696.97 m3 of waste generated was utilised in road making for beneficiation plant. No top soil was generated as development was towards northern side of the lease. In the previous inspection dated 30.11.2017, violation and showcause was issued which was duly complied with proposal in review of mining plan.	Nil

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	One	One	Nil
3b	Quantity of ROM mineral production proposed	2017-18: 600000 tonnes	2017-18: 106200 tonnes	The environmental clearance is accorded for production capacity of 1,20,000 TPA of iron ore only.
3c	Recovery of sailable/usable mineral from ROM production	Recovery of saleable ore is 40% of ROM at +58% Fe	ROM production in 2017-18 was 106200 tonnes against proposal of 600000 tonnes. Less ROM production was due to EC limit of 120000 TPA. Out of 106200 tonnes of ROM production, 28700 tonnes was processed and remaining 77500 tonnes was in closing balance for 2017-18. In 28700 of ROM processed, the recovery of saleable ore i.e, +58% Fe was 4.9%.	ROM production was less due to EC limit of 120000 TPA.
3d	Quantity of mineral reject generation	360000 tonnes	ROM production in 2017-18 was 106200 tonnes against proposal of 600000 tonnes. Less ROM production was due to EC limit of 120000 TPA. Out of 106200 tonnes of ROM production, 28700 tonnes was processed and remaining 77500 tonnes was in closing balance for 2017-18. In 28700 of ROM processed, the mineral reject (+45% Fe to 58% Fe) generation was 27290 tonnes.	ROM production was less due to EC limit of 120000 TPA.
3e	Grade of mineral rejects generation and threshold value declared.	+45% Fe to 58% Fe	+45% Fe to 58% Fe	Nil

3f	Quantity of sub grade mineral generation.	360000 tonnes	ROM production in 2017-18 was 106200 tonnes against proposal of 600000 tonnes. Less ROM production was due to EC limit of 120000 TPA. Out of 106200 tonnes of ROM production, 28700 tonnes was processed and remaining 77500 tones was in closing balance for 2017-18. In 28700 of ROM processed, the mineral reject (+45% fe to 58% Fe) generation was 27290 tonnes.	ROM production was less due to EC limit of 120000 TPA.
3g	Grade of sub grade mineral generation	+45% Fe to 58% Fe	+45% Fe to 58% Fe	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Mineral reject/subgrade of +45% Fe to 58% Fe was proposed for beneficiation in the beneficiation plant within the lease area.	Beneficiation could not be carried out due to want of environment clearance.	Nil

3j Provision of drilling and blasting in mineral benches	<p>Hard rock mass will be drilled by the help of jack hammer drills as well as DTH drills depending ypon the hardness of the rock and bench height. Jack hammer drills will be having the burden and spacing of 1.0m and 1.2m respectively while the same for DTH drill will be 2.5m and 3.0m respectively. Nitrate mixtures and nitro compound explosives will be used for blasting of hard rocks in the mine. Safety/detonating fuse and detonators will be used for ignition of the explosives for blasting.</p>	<p>Hard rock mass have been drilled by the help of jack hammer drills as well as DTH drills depending ypon the hardness of the rock and bench height. Nitrate mixtures and nitro compound explosives have been used for blasting of hard rocks in the mine. Safety/detonating fuse and detonators have been used for ignition of the explosives for blasting.</p>	Nil
3k Provision of mining machineries in mineral benches	<p>Shovels of 0.9m³ capacity will be utilised for excavation and loading of blasted rocks.</p>	<p>Shovels of 0.9m³ capacity have been utilised for excavation and loading of blasted rocks.</p>	Nil

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height 6.0m	Bench height is suitably matched with loading excavator.	Nil
3m	Total area covered under excavation/pits	Total area under excavation at the end of scheme period 2017-18 will be 6.8 Ha.	As per review of mining plan approved dated 18.05.18.05.2018, area under mining is 6.651 Ha. The lessee has not submitted annual return for 2017-18 for which violation has been issued under rule 45 (5)(c) of MCDR, 2017 for non-submission of annual return.	Nil
3n	Ore to OB ratio for the pit/mine during the year.	Not proposed. No such proposal as there is no overburden proposal in the lease area. As far as the deposit is concerned, iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore.	Not applicable. In 2017-18, actual waste generation was 696.97 m ³ . The waste generated during the course of mining was utilised in road making for beneficiation plant.	Nil
3o	Total area put in use under different heads at the end of year	Total area put in use under different heads at the end of scheme period 2017-18 will be 26.90 Ha.	As per review of mining plan approved dated 18.05.18.05.2018, total area put in use at the end of scheme period is 22.269 Ha. The lessee has not submitted annual return for 2017-18 for which violation has been issued under rule 45 (5)(c) of MCDR, 2017 for non-submission of annual return.	Nil

3p	Production of ROM mineral during the last five year period as applicable	2013-14: 570000 MT 2014-15: 600000 MT 2015-16: 600000 MT 2016-17: 600000 MT 2017-18: 600000 MT	2013-14: 119800 MT 2014-15: 114000 MT 2015-16: 115600 MT 2016-17: 119300 MT 2017-18: 106200 MT	Proposed production could not be achieved due to want of EC . EC accorded for 120000 TPA of iron ore production.
3q	General remarks of inspecting officers on method of mining etc.	One pit proposed for production. ROM production proposed was 600000 tonnes. There is provision of drilling and balsting in mineral benches.	One pit put for production. ROM production was 106200 tonnes. Drilling and balsting have been carried out in mineral benches. ROM production was less than proposal due to environmental clearance of 120000 TPA.	Nil

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No such proposal of separate dumping of overburden as in the deposit iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore.	In 2017-18, actual waste generation was 696.97 m3. The waste generated during the course of mining was utilised in road making for beneficiation plant.	Nil

4b	Location of topsoil, OB and mineral reject dumps	Proposal for stacking of top soil between coordinates 2120850 N to 242105N and 311710 E to 311860 E. Tailings to be disposed in western side of the beneficiation plant between coordinates 242720 N to 2420940 N and 310860E to 3101050E.	There was no generation of top soil in 2017-18 and since the wet beneficiation plant is still not operational due to environmental clearance, therefore there is no disposal of tailings.	Nil
4c	Number of dumps within lease area and outside of lease area	No such proposal as there is no overburden proposal in the lease area. As far as the deposit is concerned, iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore. However, one tailing dump has been proposed.	There is no waste dumping in 2017-18 and the waste generated i.e, 696.97 m3 was utilised in road making for beneficiation plant. There was no disposal of tailings as the wet beneficiation plant was not operation due to want of statutory clearance.	Nil

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There was no proposal for waste dump. However, the proposal for tailings disposal was outside the UPL.	There is no waste dumping in 2017-18 and the waste generated i.e, 696.97 m3 was utilised in road making for beneficiation plant. There was no disposal of tailings as the wet beneficiation plant was not operation due to want of statutory clearance.	Nil
4e	Number of active and alive dumps.	There was no proposal for waste dump as there is no overburden proposal in the lease area. As far as the deposit is concerned, iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore. However, the proposal for tailings disposal was outside the UPL.	Not applicable	Nil
4f	Number of dead dumps.	No such proposal	Not applicable	Nil
4g	Number of dumps established.	No such proposal	Not applicable	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Not Applicable	There was no proposal for waste dump.
4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Not Applicable	There was no proposal for waste dump.

4j	Number of settling ponds	Not Proposed	Not Applicable	Nil
4k	Specific comments of inspecting officer on waste dump management	No such proposal of separate dumping of overburden as in the deposit iron ore is mixed with waste materials. These waste materials are regarded as subgrade ore. However, the proposal for tailings disposal was outside the UPL.	There is no waste dumping in 2017-18 and the waste generated i.e, 696.97 m3 was utilised in road making for beneficiation plant. There was no disposal of tailings as the wet beneficiation plant was not operation due to want of statutory clearance.	Nil

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.	No such proposal as the area is not matured for backfilling	Not applicable	Nil
5b	Area under backfilling of mined out area	No such proposal as the area is not matured for backfilling	Not applicable	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No such proposal as the area is not matured for backfilling	Not applicable	Nil

5d	Total area fully reclaimed and rehabilitated	No such proposal as the area is not matured for backfilling	Not applicable	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No such proposal as the area is not matured for backfilling	The area is not matured for reclamation and rehabilitation	Nil

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).	The holder of mining lease shall submit to the competent authority a yearly report as per the format specified by the Indian Bureau of Mines, before 1st day of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved mine closure plan	Annual Report on PMCP for 2017-18 has been submitted timely.	Nil
6b	Area available for rehabilitation (ha) .	Not applicable as no such proposal for 2017-18	Not Applicable	Pit is not matured for reclamation and rehabilitation
6c	afforestation done (ha).	0.5 Ha	0.5 Ha	Nil

6d	No. of saplings planted during the year	1250 nos of saplings proposed for plantation	520 nos of saplings have been planted.	Nil
6e	Cumulative no .of plants	Not applicable as no such proposal	Cummulative nos of plantation till 2017-18 done by lessee is 35080 nos. of saplings	Nil
6f	Any other method of rehabilitation	Not proposed	Not Applicable as teh area is not matured for reclamation and rehabilitation	nil
6g	Cost incurred on watch and care during the year	No such proposal	Not applicable	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No such proposal as the area is not matured for reclamation	Not Applicable	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No such proposal as the area is not matured for reclamation	Not Applicable	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No such proposal as the area is not matured for reclamation and rehabilitation	Not Applicable	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposal as the area is not matured for reclamation and rehabilitation	Not Applicable	Nil

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No such proposal as the area is not matured for reclamation and rehabilitation	Not Applicable	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	In 2017-18, 1250 nos of saplings to be planted	In 2017-18, 520 nos of saplings have been planted.	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.5 Ha	0.5 Ha	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	Plantation	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly Monitoring	Quarterly Monitoring of air, water and noise level are being monitored	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There was no proposal for reclamation and rehabilitation of mined out area by backfilling and plantation as the area is not matured for reclamation and rehabilitation	The area is not matured for reclamation and rehabilitation. The annual return for PMCP for 2017-18 has been submitted timely.	Nil

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting	Gradewise sorting	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	Nil
7c	Different grade of mineral sorted out at mines.	+45% to 58% Fe and +58% Fe	+45% to 58% Fe and +58% Fe	Nil
7d	Any beneficiation process at mines .	Wet beneficiation process using spirial, High intensity magnetic separator and low intensity magnetic separator for beneficiating mineral reject /subgrade of +45% Fe to 58% Fe	Beneficiation plant has been installed but due to want of EC beneficiation has not been carried out.	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	It has been proposed to beneficiate mineral reject/ subgrade ore.	Beneficiation plant has been installed but due to want of EC beneficiation has not been carried out.	Nil

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	In 2017-18: Proposal for top sopil generation was 2400 m3	Nil.	Nil

8b	Concurrent use or storage of topsoil	There is proposal to scrap, collect and store the top soil for future use in the plantation site.	Nil. There was no generation of top soil in 2017-18.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of overburden proposed	Waste dumping has been done separately	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable as no such proposal	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable as no such proposal	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not applicable as no such proposal	Annual return for 2017-18 has not been submitted wherein the information on plantation is to be submitted. Violation has been issued for non-submission of annual return for 2017-18.	Nil
8g	Survival rate	Not applicable as no such proposal	Annual return for 2017-18 has not been submitted wherein the information on survival rate is to be submitted. Violation has been issued for non-submission of annual return for 2017-18.	Nil

8h	Water sprinkling on roads to control airborne dust	Water spraying at the dust prone areas like crushing & screening site, loading and unloading points, haul road, working faces etc.	Water sprinkling is done by mobile water tanker	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Separate removal & utilisation of top soil. Separate dumping overburden. Water sprinkling on haul roads.etc.	There was no generation of top soil in 2017-18. Overburden generated have been dumped separately. Water sprinkling is done at haul roads. Aesthetic beauty in and around mines is maintained.	Nil

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	1. monthly return which shall be submitted before the tenth day of every month in respect of the preceding month. 2. annual return which shall be submitted before the 1st day of July each year for the preceding financial year	1. Monthly returns for 2017-18 have been submitted. 2. Annual return for 2017-18 have not been submitted till date. Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18. However, Mining Engineer, Geologist and Mines Manager have been appointed.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil
9d	Scrutiny of Annual return on afforestation	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil
9h	Scrutiny of Annual return on fixed assets	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil
9k	Scrutiny of Annual return on mining machineries	Annual return for 2017-18 have not been submitted till date.	Violation has been issued under rule 45 (5) (c) for non-submission of annual return for 2017-18.	Nil

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

Date :

(SHRI SUDIP RANJAN MAZUMDAR)

Indian Bureau of Mines