

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/MN/SNG/MCDR-16/BBS

Mine code : 40ORI13005

- (i) Name of the Inspecting : SRM) SHRI SUDIP RANJAN MAZUMDAR
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine. : Shri T.C.Sei, CGM Mines, Shri H H Panda, Mines Manage
Official with
Designation
- (iv) Date of Inspection : 03/10/2019
- (v) Prev.inspection date : 22/10/2018

PART-I : GENERAL INFORMATION

1. (a) Mine Name : GANUA
- (b) Registration NO. : IBM/135/2011
- (c) Category : ~~B Manual~~ A (OTFM)
- (d) Type of Working : Opencast
- (e) Postal address :
State : ORISSA
District : SUNDARGARH
Village : GANUA
Taluka : BONAI
Post office : MALDA
Pin Code : 770048
FAX No. : 06767-275362
E-mail : snmbbl@gmail.com
Phone : 06767-275362
- (f) Police Station : Koira
- (g) First opening date : 06/06/1980
- (h) Weekly day of rest : MON
2. Address for : VILL: GONUA, PO: MALDA
correspondance : DIST: SUNDERGARH, ORISSA
POLICE STATION . KOIRA
3. (a) Lease Number : ORI0694
- (b) Lease area : 13.796 Ha
- (c) Period of lease : 20
- (d) Date of Expiry : 05/06/2020
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : PRABODH MOHANTY (L/HOF S.N.MOHANTY.)
 AT: STATION ROAD, P.O.
 BARBIL DIST. KEONJHAR,
 ORISSA KEONJHAR ORISSA
 Phone:
 FAX :

Owner : P. K. MOHANTY, L.H. OF LATE S.N. MOHANTY
 AT: STATION ROAD, P.O.
 BARBIL DIST. KEONJHAR,
 ORISSA KEONJHAR ORISSA
 Phone: 06767-275362
 FAX : 06767-275362

Agent : T.C.Sei
 Barbil, Keonjhar, Odisha
 SUNDARGARH ORISSA
 Phone: 06767-275362
 FAX : 06767-212164

Mining Engineer
 Name : B. Samal, Full Time
 Qualification : BE Mining
 Appointment/ : 02/12/2012
 Termination date

Geologist
 Name : S MOHANTY, Full Time
 Qualification : MSC (GEOLOGY)
 Appointment/ : 25/10/2016
 Termination date

Manager
 Name : H. H. Panda
 Qualification : AMIE
 Appointment/ : 22/12/2009
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	11/11/2004
		Modif.of approved Mining Plan	17/03/2008
		Modif.approved Mining Scheme	02/08/2013
		Mining Scheme rule 12 MCDR1988	22/05/2014
		FMCP under 23C(1)	20/11/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal as no backlog of previous years	nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	In 2018-19, no proposal for exploration.	Nil	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	In 2018-19, there was no exploration proposal and no exploration carried out.	In 2018-19, there was no exploration proposal and no exploration carried out.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Lease area explored as per UNFC norms as on 31.08.2018 under G1 in 6.920 Ha and under G2 is 4.83 Ha.	Lease area explored as per UNFC norms as on 31.08.2018 under G1 in 6.920 Ha and under G2 is 4.83 Ha.	Lease area explored as per UNFC norms as on 31.08.2018 under G1 in 6.920 Ha and under G2 is 4.83 Ha.
1e	Balance reserve as on 01/04/20	Reserve and resource as on 01.04.2019: Mn resources under 221 category of UNFC is 0.065 MT and Iron Ore Resources under 221 category is 0.142 MT	Reserve and resource as on 01.04.2019: Mn resources under 221 category of UNFC is 0.065 MT and Iron Ore Resources under 221 category is 0.142 MT	Reserve and resource as on 01.04.2019: Mn resources under 221 category of UNFC is 0.065 MT and Iron Ore Resources under 221 category is 0.142 MT

1f	General remarks of inspecting officers on geology, exploration etc	In 2018-19 there was no proposal of exploration.	No exploration carried out in 2018-19. Lease area explored as per UNFC norms as on 31.08.2018 under G1 in 6.920 Ha and under G2 is 4.83 Ha. Reserve and resource as on 01.04.2019: Mn resources under 221 category of UNFC is 0.065 MT and Iron Ore Resources under 221 category is 0.142 MT	No exploration carried out in 2018-19. Lease area explored as per UNFC norms as on 31.08.2018 under G1 in 6.920 Ha and under G2 is 4.83 Ha. Reserve and resource as on 01.04.2019: Mn resources under 221 category of UNFC is 0.065 MT and Iron Ore Resources under 221 category is 0.142 MT
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In 2018-19, proposal for development was in Mn. Quarry no 1 and GODA pit	In 2018-19, actual development was in Mn. Quarry no 1 and GODA pit	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No specific proposal	Nil	Nil
2c	Stripping ratio or ore to OB ratio	In 2018-19, proposal for stripping ratio was 1: 8.05 t/cum	In 2018-19, stripping ratio achieved was 1: 13.19 t/cum	In 2018-19, stripping ratio achieved was 1: 13.19 t/cum
2d	Quantity of topsoil generation in m3	Not Proposed	Nil	Nil
2e	Quantity of overburden generation in m3	In 2018-19, proposal for quantity of overburden generation was 15713.5 cum	In 2018-19, actual quantity of overburden generation was 4550 cum	Violation has been issued for non-compliance

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	In 2018-19, proposal for development was in Mn. Quarry no 1 and GODA pit with proposal for overburden generation was 15713.5 cum at stripping ratio of 1:8.05 t/cum	Development carried out in Mn. Quarry no 1 and GODA pit. In 2018-19, actual quantity of overburden generation was 4550 cum at stripping ratio of 1:13.19 t/cum. Violation has been issued for non-compliance of overburden generation.	Development carried out in Mn. Quarry no 1 and GODA pit. In 2018-19, actual quantity of overburden generation was 4550 cum at stripping ratio of 1:13.19 t/cum. Violation has been issued for non-compliance of overburden generation.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two no's of pit proposed for production namely Mn. Quarry no-1 & Goda pit	One number of pit put for production namely Mn. Quarry no-1.	Violation has been issued for non-compliance.
3b	Quantity of ROM mineral production proposed	In 2018-19, ROM production plan was 3603.6MT	In 2018-19, actual ROM production was 345 MT	In 2018-19, actual ROM production was 345 MT
3c	Recovery of sailable/usable mineral from ROM production	In 2018-19, the recovery of saleable material proposed was 1951.95 MT	In 2018-19, actual recovery of saleable material was 215 MT	In 2018-19, actual recovery of saleable material was 215 MT
3d	Quantity of mineral reject generation	In 2018-19, the proposed production of mineral reject was 1651.65 MT	In 2018-19, the actual production of mineral reject was 130 MT	In 2018-19, the actual production of mineral reject was 130 MT

3e	Grade of mineral rejects generation and threshold value declared.	Threshold value of Mn declared at 10% Mn and proposed grade of mineral reject generation was 10-20% Mn	As furnished in annual return for 2018-19, the actual grade of mineral reject generated was 18% Mn	As furnished in annual return for 2018-19, the actual grade of mineral reject generated was 18% Mn
3f	Quantity of sub grade mineral generation.	In 2018-19, the proposed production of subgrade was 1651.65 MT	In 2018-19, the actual production of subgrade was 130 MT.	Violation has been issued for non-compliance.
3g	Grade of sub grade mineral generation	In 2018-19, the proposed grade of subgrade generation was 10-20% Mn	In 2018-19, the actual grade of subgrade generated was 18% Mn	In 2018-19, the actual grade of subgrade generated was 18% Mn
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Jack Hammer Drill & Nitro Compound (32 mm dia)	In 2018-19, there was no drilling and blasting.	Nil
3k	Provision of mining machineries in mineral benches	Yes	It was observed during inspection that during the current FMCP period 2019-20 to 2023-24 there was no mining machineries in the mine benches.	It was observed during inspection that during the current FMCP period 2019-20 to 2023-24 there was no mining machineries in the mine benches.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of the bench proposed was 3 meter	In 2018-19, Height of the bench maintained. It was observed during inspection that during the current FMCP period 2019-20 to 2023-24 there was no mining machinaries in the mine benches.	In 2018-19, Height of the bench maintained. It was observed during inspection that during the current FMCP period 2019-20 to 2023-24 there was no mining machinaries in the mine benches.
3m	Total area covered under excavation/pits	Total area under excavation at the end of plan period proposed is 4.32 Ha	Total area under excavation at the end of 2018-19 is 4.32 Ha	Total area under excavation at the end of 2018-19 is 4.32 Ha
3n	Ore to OB ratio for the pit/mine during the year.	In 2018-19, proposal for stripping ratio was 1: 8.05 t/cum	In 2018-19, stripping ratio achieved was 1: 13.19 t/cum	In 2018-19, stripping ratio achieved was 1: 13.19 t/cum
3o	Total area put in use under different heads at the end of year	Total area under different heads at the end of plan period is 7.60 Ha	Total area under different heads at the end of plan period is 7.52 Ha	Data as furnished in the annual return for 2018-19
3p	Production of ROM mineral during the last five year period as applicable	Year Proposed ROM Production 2014-15 4072.800 MT 2015-16 4108.800 MT 2016-17 4141.200 MT 2017-18 3288.000 MT 2018-19 3603.600 MT	Year Actual ROM Production 2014-15 882.336 MT 2015-16 1120.670 MT 2016-17 1090.000 MT 2017-18 1050.000 MT 2018-19 345.000 MT	Year Actual ROM Production 2014-15 882.336 MT 2015-16 1120.670 MT 2016-17 1090.000 MT 2017-18 1050.000 MT 2018-19 345.000 MT

3q	General remarks of inspecting officers on method of mining etc.	Two no's of pit proposed for production namely Mn. Quarry no-1 & Goda pit. ROM Production plan was 3603.6 MT. Recovery of salable/usable mineral from ROM production was 1951.95 MT	One number of pit put for production namely Mn. Quarry no-1. ROM Production plan was 345 MT. Recovery of salable/usable mineral from ROM production was achieved by 31.08.2018. FMCP for the priod 2019-20 to 2023-24 was approved by 20.11.2018.	One number of pit put for production namely Mn. Quarry no-1. ROM Production plan was 345 MT. Recovery of salable/usable mineral from ROM production was 215 MT. ROM Production was achieved by 31.08.2018. FMCP for the priod 2019-20 to 2023-24 was approved by 20.11.2018.
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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)	No proposal for top soil generation. The generation of waste during the scheme period will be utilised for haul road maintenance and backfilling.	No top soil generated. OB generated has been backfilled.	No top soil generated. OB generated has been backfilled.
4b	Location of topsoil, OB and mineral reject dumps	Not Proposed	Nil	Nil
4c	Number of dumps within lease area and outside of lease area	Within Lease- two Outside Lease- Nil	Within Lease- two Outside Lease- Nil	Within Lease- two Outside Lease- Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Outside the UPL	Outside the UPL
4e	Number of active and alive dumps.	One number of dump	One number of dump	Nil

4f	Number of dead dumps.	One number of dump	One number of dump	Nil
4g	Number of dumps established.	One dump	One dump	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	In 2018-19, there was no proposal for construction of retaining wall or garland drain.	Retaining wall and garland drain already constructed has been maintained.	Retaining wall and garland drain already constructed has been maintained.
4i	Length of Retaining wall or garland drain all along dumps	In 2018-19, there was no proposal for construction of retaining wall or garland drain.	Retaining wall and garland drain already constructed has been maintained.	Retaining wall and garland drain already constructed has been maintained.
4j	Number of settling ponds	There is proposal for maintenance of settling ponds in the year 2018-19	The settling pond is maintained in the year 2018-19	The settling pond is maintained in the year 2018-19
4k	Specific comments of inspecting officer on waste dump management	No proposal for top soil generation. The generation of waste during the scheme period will be utilised for haul road maintenance and backfilling. In 2018-19, there was no proposal for construction of retaining wall or garland drain.	No top soil generated. OB generated has been backfilled. Retaining wall and garland drain already constructed has been maintained.	No top soil generated. OB generated has been backfilled. Retaining wall and garland drain already constructed has been maintained.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Mined out area	Mined out area	Mined out area
5b	Area under backfilling of mined out area	0.267 Ha	As per PMCP return for 2018-19, the area under backfilling was 0.267 Ha	As per PMCP return for 2018-19, the area under backfilling was 0.267 Ha
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Nil.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Backfilling was proposed in the mined out area.	Backfilling has been done in the mined out area.	Backfilling has been done in the mined out area.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	As per rule 26(2) of MCDR, 2017, 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, and if there is any deviation, reasons thereof:	Annual report on PMCP for 2018-19 has been submitted.	Annual report on PMCP for 2018-19 has been submitted.
6b	Area available for rehabilitation (ha) .	Not Proposed	Nil	Nil
6c	afforestation done (ha).	Not proposed	Nil	Nil
6d	No. of saplings planted during the year	500 nos of saplings proposed for plantation	600 nos of saplings planted.	Data as furnished in annual return for 2018-19
6e	Cumulative no .of plants	Not proposed	Data as provided by lessee during inspection is 31910 no's of saplings	Data as provided by lessee during inspection is 31910 no's of saplings
6f	Any other method of rehabilitation	Not proposed	Nil	Nil

6g	Cost incurred on watch and care during the year	Not Proposed	Rs 15000 in different heads	Data as furnished by lessee
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	Not Specified	Nil. Backfilling has been done in the mined out area.	Nil. Backfilling has been done in the mined out area.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Backfilling by waste	Backfilling by waste	Backfilling by waste
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not Proposed	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposed	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Proposed	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Proposed	Nil	Nil

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Proposed	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Proposed	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring of AAQ, Water Quality and Noise level	Quarterly monitoring of AAQ, Water Quality and Noise level	Quarterly monitoring of AAQ, Water Quality and Noise level
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	As per rule 26(2) of MCDR, 2017, 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, and if there is any deviation, reasons thereof:	Annual report on PMCP has been submitted. Backfilling has been on the mined out area.	Annual report on PMCP has been submitted. Backfilling has been on the mined out area.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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.	Manual	Manual	Nil
7c	Different grade of mineral sorted out at mines.	Below 25% Mn, 25%to below 35% Mn, 35% Mn to below 46% Mn	Production of different grade of Mn in 2018-19. Below 25% Mn:-130.00 MT 25%to below 35% Mn:-180.00 MT 35% Mn to below 46% Mn:-35.00 MT	Production of different grade of Mn in 2018-19. Below 25% Mn: -130.00 MT 25%to below 35% Mn:-180.00 MT 35% Mn to below 46% Mn:-35.00 MT
7d	Any beneficiation process at mines	Not Proposed	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There is no proposal for beneficiation.	No beneficiation practice is in place. The ore is sorted out manually. in 2018-19, different grades of ore sorted out are: Below 25% Mn, 25%to below 35% Mn, 35% Mn to below 46% Mn	No beneficiation practice is in place. The ore is sorted out manually. in 2018-19, different grades of ore sorted out are: Below 25% Mn, 25%to below 35% Mn, 35% Mn to below 46% Mn

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no proposal of top soil generation in the year 2018-19	There is no generation of top soil during the year 2018-19	There is no generation of top soil during the year 2018-19

8b	Concurrent use or storage of topsoil	Not Proposed	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	In 2018-19, there was no proposal for waste dumping. The generation of waste during the scheme period will be utilised for haul road maintenance and backfilling.	In 2018-19, OB generated has been backfilled.	In 2018-19, OB generated has been backfilled.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	The generation of waste during the scheme period will be utilised for haul road maintenance and backfilling.	OB generated has been backfilled.	OB generated has been backfilled.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	500 nos. of saplings	600 nos of sapling planted during 2018-19 as per data furnished in annual return.	600 nos of sapling planted during 2018-19 as per data furnished in annual return.

8g	Survival rate	Proper manuring and watering at the plantation site will be supervised to achieve 80% survival of planted saplings.	80% as per data furnished in annual return for 2018-19.	80% as per data furnished in annual return for 2018-19.
8h	Water sprinkling on roads to control airborne dust	Proper maintenance of the road surface will be done by spraying water periodically.	Water sprinkling has been done.	Water sprinkling has been done.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	There is no proposal of top soil generation in the year 2018-19 and no proposal of concurrent use or storage of topsoil	Aesthetic beauty in and around mines has been maintained.	Aesthetic beauty in and around mines has been maintained.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	As per rule 45 (5)(b), a monthly return which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form along with a signed print copy of the same if it is not digitally signed, in the respective form As per rule 45(5)(c) an annual return which shall be submitted before the 1st day of July each year for the preceding financial year in electronic form, along with a signed print copy of the same if it is not digitally signed, in the respective Form	Suibmitted annual return and monthly returns for 2018-19.	Suibmitted annual return and monthly returns for 2018-19.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information of Manager, Mining Engineer and Geologist has been furnished in annual return for 2018-19.	Information of Manager, Mining Engineer and Geologist has been furnished in annual return for 2018-19.	Information of Manager, Mining Engineer and Geologist has been furnished in annual return for 2018-19.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under current (O/C) workings: 4.32 Ha, used for waste disposal: 1.61 Ja, Occupied by plant, buildings, residential, welfare buildings & roads: 1.034 Ha etc. Area under reclaimed/rehabilitated: 0.309 ha	Information furnished under area under reclaimed/rehabilitated: 0.309 ha is incorrect. Violation has been issued.	Information furnished under area under reclaimed/rehabilitated: 0.309 ha is incorrect. Violation has been issued.
9d	Scrutiny of Annual return on afforestation	600 nos of saplings have been planted.	600 nos of saplings have been planted.	600 nos of saplings have been planted.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Below 25% Mn: 130MT	Below 25% Mn: 130MT	Data as furnished in annual return for 2018-19
9f	Scrutiny of Annual return on ROM stock and/or graded ore	A. Closing Stock of ROM: Nil; B. Closing stock at mines head 1. Below 25% Mn: 425.201 MT 2. 25% to below 35% Mn: 113.51 MT 3. 35% to below 46% Mn: 78.32 MT 4. Dioxide Ores: 9.44 MT	A. Closing Stock of ROM: Nil; B. Closing stock at mines head 1. Below 25% Mn: 425.201 MT 2. 25% to below 35% Mn: 113.51 MT 3. 35% to below 46% Mn: 78.32 MT 4. Dioxide Ores: 9.44 MT	A. Closing Stock of ROM: Nil; B. Closing stock at mines head 1. Below 25% Mn: 425.201 MT 2. 25% to below 35% Mn: 113.51 MT 3. 35% to below 46% Mn: 78.32 MT 4. Dioxide Ores: 9.44 MT
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-mine price in Rs/tonne 1. Below 25 % Mn: Rs 3356.00 2. 25% to below 35% Mn: 8258.00	Ex-mine price in Rs/tonne 1. Below 25 % Mn: Rs 3356.00 2. 25% to below 35% Mn: 8258.00	Ex-mine price in Rs/tonne 1. Below 25 % Mn: Rs 3356.00 2. 25% to below 35% Mn: 8258.00

9h	Scrutiny of Annual return on fixed assets	Value of Fixed assets: Nil	Value of Fixed assets: Nil	Value of Fixed assets: Nil
9k	Scrutiny of Annual return on mining machineries	Rock drill (non-electrical) of capacity 32 mm: 1 unit Dumper (10 tonne): 4 units Backhoe (0.9 cum): 1 unit	During inspection, no mining machinery was observed as this is current FMCP proposal period from 2019-20 to 2023-24.	During inspection, no mining machinery was observed as this is current FMCP proposal period from 2019-20 to 2023-24.

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 :

Sudip Ranjan Mazumdar
(SHRI SUDIP RANJAN MAZUMDAR) 15/11/17

Indian Bureau of Mines