

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/BXT/SNG/MCDR-5/BBS

Mine code : 30ORI13005

- (i) Name of the Inspecting : **S010**) **SHRI G.C. SETHI**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : SHRI T C SEI, MINES AGENT, SHRI C K RATH, MINES MANAG
Official with
Designation
- (iv) Date of Inspection : 10/04/2018
- (v) Prev.inspection date : 10/07/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **K.J.S.T. JALDHI**
- (b) **Registration NO.** : **IBM/135/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : JALDHI
- Taluka : BONAI
- Post office : KOIRA
- Pin Code : 770048
- FAX No. : 06767275362
- E-mail : snmbbl@gmail.com
- Phone : 06767275362
- (f) Police Station : KOIRA
- (g) First opening date : 20/01/1987
- (h) Weekly day of rest : SAT
2. Address for : KJST(JALDIHI) BXT & IRON MINE, M/S P.MOHANTY
correspondance P.O.KOIRA, DIST:SUNDERGARH
ORISSA
3. (a) Lease Number : ORI0151
- (b) Lease area : 188.27
- (c) Period of lease : 30
- (d) Date of Expiry : 19/01/2037
4. Mineral worked : BAUXITE Main
IRON ORE Associated

5. Name and Address of the

Lessee : PRABADH MOHANTY
 L.H. OF LATE S.N.MOHANTY
 MINES OWNER, STATION ROAD
 P.B.NO.21, P.O.BARBIL
 KEONJHAR ORISSA
 Phone:
 FAX :

Owner : PROBODH MOHANTY
 PROBODH MOHANTY, MINES OWN
 AT-STATION ROAD, BARBIL
 DIST-KEONJHAR.758035
 KEONJHAR ORISSA
 Phone:
 FAX :

Agent : T C SEI
 WEIGH BRIDGE ROAD BARBIL
 AT/PO-BARBIL DIST-
 KEONJHAR, ODISHA KEONJHAR
 ORISSA
 Phone: 06767275362
 FAX : 06767275362

Mining Engineer

Name : B. Samal, Full Time
 Qualification : BE Mining
 Appointment/ : 20/10/2008
 Termination date

Geologist

Name : MANASH RANJAN PARIDA, Full Time
 Qualification : M Sc Geology
 Appointment/ : 07/07/2017
 Termination date

Manager

Name : SHRI C K RATH
 Qualification :
 Appointment/ : 01/07/2017
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	09/05/2005
Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	23/08/2006
	:	Modif.of approved Mining Plan	25/06/2009
	:	FMCP under 23C(1)	12/01/2011
	:	Mining Scheme rule 12 MCDR1988	06/04/2011
	:	Mining Scheme rule 12 MCDR1988	11/03/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	In the years 2017-18, it was proposed to drill 21 nos. of bore holes as envisaged in the modification of mining plan approved on 11.03.2016.	During the year 2017-18, there are 50 nos. of bore hole was drilled.	The exploration done is in higher side of the poroposed exploration.
1b	Exploration over lease area for geological axis 1 or 2	As per the modification of mining plan, dated 15.05.2018, an extent of 123.860ha has been expored upto G1 level.	An extent of 123.860ha has been expored upto G1 level.	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	No exploration proposal in 2017-18.
1d	Balance area to be explored to bring Geological axis in 1 or 2	As per the modification of approved mining plan,dated 15.05.2018, the balance area of 26.908ha has not been explored.	The balance area of 26.908ha has not been explored.	No exploration has been undertaken as the portion of un-explored area is not accessible due to steep hill slope.

1e	Balance reserve as on 01/04/20	In the modification of approved mining plan, dated 15.05.2018, the reserves/reso urces for iron ore & bauxite have been estimated as on 31.03.2018 and the same is as follows:- Iron Ore: Proved reserves (111): 41.457 million tonnes, Probable reserves (122): Nil & total remaining resources of 3.203 million tonnes respectively. Bauxite: Proved reserves (111): Nil, Probable reserves (122): 0.636 million tonnes & total remaining resources of 0.166 million tonnes.	The available reserves/resources for iron ore & bauxite have been estimated as on 31.03.2018 is given below:- Iron Ore: Proved reserves (111): 41.457 million tonnes, Probable reserves (122): Nil & total remaining resources of 3.203 million tonnes. Bauxite: Proved reserves (111): Nil, Probable reserves (122): 0.636 million tonnes & total remaining resources of 0.166 million tonnes.	Nil
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1f	General remarks of inspecting officers on geology, exploration etc	In the modification of mining plan, there are, 21 nos. of core bore holes were proposed to be drilled in the year 2016-17.	The deposit forms a part of the iron ore creation of Archian system. The laterites observed in the area are mostly aluminous and may often spongy in nature having bauxite appearance. During the year 2017-18, there are 50 nos. of bore holes were drilled against the proposal of 21 holes.	More number of boreholes were drilled against the proposal given in the modification document for the year 2017-18.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	The location co-ordinates of iron ore Quarry: 365SS to 385N & 568W to 140W and Bauxite Quarry: 692S to 560S & 1148W to 1098W.	The location co-ordinates of iron ore Quarry worked: 365SS to 385N & 568W to 140W and Bauxite Quarry: Not under operation.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No bench formation proposal in top soil. However, separate benches for overburden & mineral zone are envisaged in the approved scheme of mining.	Separate benches in overburden and ore zone are made in the iron ore quarry and No mining operations in the Bauxite quarry during 2017-18.	Nil
2c	Stripping ratio or ore to OB ratio	The proposed Ore:OB ratio is 1: 0.43(iron ore) & 1: 0.06 for Bauxite during 2017-18.	The actual Ore:OB ratio (iron) 1: 0.306 & Bauxite: Nil (no production & waste handing in the bauxite quarry)	No production & waste handing in the Bauxite quarry

2d	Quantity of topsoil generation in m3	51200 cum in 2017-18.	Only 50 cum. generated as the Bauxite quarry was not under operation during 2017-18.	The top soil generation was much in lower side due to non-operation status of Bauxite Quarry during 2017-18 from which the major quantities of topsoil generation was proposed.
2e	Quantity of overburden generation in m3	245730 cum of waste material from iron ore quarry and 23348 cum of waste from Bauxite quarry was proposed to be generated in the year 2017-18.	During the year 2017-18, 612320 cum of waste material was generated from iron ore quarry & no waste was generated from Bauxite portion as the Bauxite quarry was not under operation during 2017-18.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No comments on the proposed development of the mine for the year 2017-18.	The production & development of Bauxite quarry was lagging behind against the proposal envisaged in the approved scheme of mining due to lack of market intake of low grade Bauxite.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One quarry for iron ore & the other for Bauxite production.	Only the lone ironore quarry was under operatio during 2017-18 and the Bauxite quarry was not under opration due to lack of market demad for low grade Bauxite.	Nil

3b	Quantity of ROM mineral production proposed	In the year 2017-18, 2.0 million tonnes of iron ore & 70,044 tonnes of Bauxite was proposed to be produced as envisaged in the approved scheme of mining.	During the year 2017-18, 1.95 million tonnes of iron ore was produced and the Bauxite production is reported to be Nil.	Nil
3c	Recovery of sailable/usable mineral from ROM production	The recovery of iron ore is mentioned to be for 86% and the same for Bauxite is 83%.	The reported recovery of iron ore is almost 100%.	Nil
3d	Quantity of mineral reject generation	Mineral Reject (Iron ore): 81910 cum & Mineral Reject (Bauxite): 5837cum during 2017-18.	Mineral Recte(Iron Ore): Nil, Mineral Reject (Bauxite): Nil	The mineral rejects generated from the iron ore was blended with the high grade ore. As far as Bauxite is concerned, there is no production during 2017-18, thereby no mineral reject was generated.
3e	Grade of mineral rejects generation and threshold value declared.	Grade of Mineral Reject (Iron ore): 45 to 55%Feum & Grade of Mineral Reject (Bauxite): 30% to 34%Al2O3. Threshold value declared for iron ore is 45%Fe. The same for Bauxite is declared as 30%Al2O3.	Grade of Mineral Reject (Iron ore): 45 to 55%Fe. Threshold value declared for iron ore is 45%Fe.	The mineral reject generated from iron ore is blended with the high grade ore. As far as Bauxite is concerned, there is no production during 2017-18.

3f	Quantity of sub grade mineral generation.	No sub-grade generation proposal for iron ore & Bauxite as per the approved scheme of mining.	Iron Ore : Nil, Bauxite; Nil during 2017-18.	Nil
3g	Grade of sub grade mineral generation	No sub-grade generation proposal for iron ore & bauxite.	No sub-grade material nether from iron ore nor from bauxite was generated during 2017-18.	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method is proposed to adopted for segregation from ROM.	The same practice is being followed in the mine.	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation study has been proposed in the approved scheme of mining.	No such study was carried out in the mine.	No such study was carried out in the mine.
3j	Provision of drilling and blasting in mineral benches	Provisions for drilling & blasting for loosening the hard strata was proposed in the mineral as well as in overburden benches.	The drilling & blasting are being practised as per the approved document.	Nil
3k	Provision of mining machineries in mineral benches	Heavy mining machineries like drilling machines, excavators, dumpers etc. are proposed.	Heavy mining machineries like drilling machines, excavators, dumpers etc. were deployed in the mine. proposed.	Nil

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The proposed height & width of the benches are 6m & 12m respectively.	The height & width of the benches were restricted to 6m & 12m.	Nil
3m	Total area covered under excavation/pits	No specific land degradation proposal for 2017-18. However, an 34.164ha has been proposed at the end of 2016-17 to 2020-21.	25.515ha was degraded as indicated in the annual return submitted by yhre party for the year 2017-18.	Nil
3n	Ore to OB ratio for the pit/mine during the year.	The proposed Ore:OB ratio (Iron Ore) 1:0.43, for Bauxite: 1:0.06 for the year 2017-18.	The actual Ore:OB ration (iron ore): 1:0.306 during the year 2017-18.	There was no production of Buaxite during 2017-18.

30	Total area put in use under different heads at the end of year	The item wise land use under different heads at the end of the year 2017-18 has not been furnished in the approved scheme of mining. However, the land use at the end of the scheme of mining period i.e. 2016-17 to 2020-21 is as given below:- (i) Area to be excavated: 34.164ha (ii) OB dump/slime: 9.759ha (iii) Mineral storage: 8.250ha (iv) Infrastructure : 2.00ha, (v) Road: 5.750ha, (vi) Green belt: 3.00ha & (vii) ETP: 1.00ha.	As per the annual return submitted by the party for the year 2017-18, the land degradation status in different counts is as given below:- (i) Current opencast working: 25.515ha, (ii) Waste disposal: 4.320ha (iii) Plant, buildings etc.: 8.264ha, (iv) Mineral storage: 16.972ha & (v) PMCP : 3.561ha.	Nil
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3p	Production of ROM mineral during the last five year period as applicable	Iron Ore: 2013-14: 1655640 tonnes, 2014-15: 1402960 tonnes, 2015-16: 2016900 tonnes, 2016-17: 1950130 tonnes & 2017-18: 2000110 tonnes. Bauxite: 2013-14: 109500 tonnes, 2014-15: 116250 tonnes, 2015-16: 130250 tonnes, 2016-17: 50076 tonnes & 2017-18: 70044 tonnes.	Actual production achieved during the period from 2013-14 to 2017-18 is as given below:- Iron Ore ; 2013-14: 691757.814 tonnes, 2014-15: 699489.275 tonnes, 2015-16: 1400546.287 tonnes, 2016-17: 1896148.81 tonnes & 2017-18: 1950069.158 tonnes. The Bauxite production achieved during 2013-14 to 2017-18 is also as follows:- 2013-14: 12006.522 tonnes, 2014-15: Nil, 2015-16: Nil, 2016-17: Nil tonnes & 2017-18: Nil	
3q	General remarks of inspecting officers on method of mining etc.	The method of mining was proposed for fully mechanised opencast methods.	The mining operations were carried out by fully mechanised open cast method as per the proposal envisaged in the approved scheme of mining.	Nil

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The topsoil generated was proposed to be utilised over the backfilled area. The OB/waste generated from the mine is proposed to be dumped in the designated site as envisaged in the of approved scheme of mining.	The OB & waste generated was dumped in designated site.	Nil
4b	Location of topsoil, OB and mineral reject dumps	The OB/waste dump was proposed in between the grid lines 390N to 570N & 60W to 164E.	The actual location of the OB/waste dump is in between the grid lines 384N to 424N & 60W to 66E.	
4c	Number of dumps within lease area and outside of lease area	Waste Dump-I is the existing waste dump in the lease area.	The existing dump-I is the active dump in the mine.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	The dump-I has been proposed beyond the ultimate pit limit as per the approved scheme of mining.	The dump-I was found located beyond the ultimate pit limit.	Nil
4e	Number of active and alive dumps.	One	One	Nil
4f	Number of dead dumps.	No such proposal.	Nil	Nil
4g	Number of dumps established.	One	One	Nil

4h	Whether Retaining wall or garland drain all along dumps are there.	Yes.	Yes.	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal for construction of retaining wall & Garland drain during 2017-18.	The existing retaining wall of 320m x 2m x 2m size was already constructed around the dump.	Nil
4j	Number of settling ponds	No proposal for construction of settling pond during 2017-18.	Nil	Commulatively 14 nos. of settling pond are constructed
4k	Specific comments of inspecting officer on waste dump management	The waste dumping was proposed in dump-I as per the proposal.	Dumping is being done in dump-I as observed during the inspection.	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.	An extent of 0.31ha of mined out bauxite quarry was proposed backfilling during 2017-18.	No backfilling was undertaken in the Bauxite quarry during the year 2017-18 as the mining operation in the Bauxite quarry was not undertaken due to lack of market demand.	Nil
5b	Area under backfilling of mined out area	0.31ha	No backfilling was done during the year 2016-17.	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	51200 cum of topsoil was proposed to be generated during 2017-18.	Only 50 cum of topsoil was generated as the Bauxite quarry was not under operation, since the main topsoil generation area is restricted to Bauxite portion of the lease only.	Nil

5d	Total area fully reclaimed and rehabilitated	No such proposal.	0.225ha in exhausted part of the Bauxite quarry.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	0.31ha of Bauxite quarry was proposed to be reclaimed during 2017-18.	No reclamation has been done during the year 2016-17 as per Bauxite quarry was not under operation during 2017-18.	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 annual report on PMCP for the year 2017-18 has been submitted by the party under rule 26(2) of MCDR,2017.	The annual report on PMCP for the year 2017-18 has been submitted by the party under rule 26(2) of MCDR,2017.	Nil
6b	Area available for rehabilitation (ha) .	No such specific proposal in the approved document.	Nil	Nil
6c	afforestation done (ha).	In the year 2017-18, there are 1250 nos. of saplings were proposed to be planted but no specific proposal about the extent of plantation area is available.	During the year 2017-18, 8000 nos. of saplings were planted within the lease area.	The actual plantation done during the year 2017-18 is in higher side of the proposed numbers.
6d	No. of saplings planted during the year	1250 nos. of saplings are proposed for the year 2017-18.	8000 nos. of saplings were planted during the year 2017-18.	More plantation has been done during 2017-18 against the proposed number.

6e	Cumulative no .of plants	No such proposal in the approved scheme of mining.	Commulatively, 66000 nos. of plantation has been done till the end of the year 2017-18.	Nil
6f	Any other method of rehabilitation	Plantation.	Coir matting & plantation	Nil
6g	Cost incurred on watch and care during the year	Rs. 25000.00	Rs. 90000.00	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	No such backfilling was done during the year 2017-18.	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	No such backfilling was done during the year 2017-18.	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Nil	No such backfilling was done during the year 2017-18.	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposal.	No water reservior by way of rehabilitation measures has been made and no such proposal is given in the approved scheme of mining.	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No any other specific proposal.	Not applicable.	Nil

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	1250 nos. of saplings are proposed for the year 2017-18 in the lease area.	8000 nos. of saplings were plantd during the year 2017-18.	More plantation has been done during the year against the proposal made in the approved scheme of mining.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	11.006ha	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)	No such specific proposal for core zone and buffer zone has been furnished in the approved scheme of mining.	The ambient air quality, water quality, noise level, vibration level etc. were being monitored in every quarter as per the norms and found within the permissible limits.	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No comments to offer.	The party has submitted the PMCP reports on regular basis.	Nil

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	The ROM of iron ore raised from the mine are sorted/ sized manually and crushed/screened mechanically for separation of iron ore of various sizes. The Bauxite raised from the mine is sorted & sized manually to produce salable lumps.	The ROM of iron ore raised from the mine are sorted/ sized manually and crushed/screened mechanically for separation of iron ore of various sizes. The Bauxite raised from the mine is sorted & sized manually to produce salable lumps.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	The ROM iron ore produced from the mining operations are processed through mechanical means and the Bauxite is sorted & sized by manual means as per the requirement.	The ROM iron ore produced from the mining operations are processed through mechanical means and the Bauxite is sorted & sized by manual means as per the requirement.	Nil
7c	Different grade of mineral sorted out at mines.	58%Fe for iron ore & +30%Al ₂ O ₃ for Bauxite.	58%Fe for iron ore & +30%Al ₂ O ₃ for Bauxite.	Nil
7d	Any beneficiation process at mines .	No such proposal.	The ROM iron ore produced from the mining operations are processed through mechanical means and the Bauxite is sorted & sized by manual means as per the requirement.	Nil

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No comment is offered.	The ROM iron ore produced from the mining operations are processed through mechanical means and the Bauxite is sorted & sized by manual means as per the requirement.	There is no mineral conservation problems in the mine.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Only 51,200 cum of topsoil was proposed to be generated during 2017-18.	Only 50 tonnes of topsoil was generated during 2017-18.	Nil
8b	Concurrent use or storage of topsoil	Current use is proposed.	Concurrently used.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	One waste dump.	One waste dump.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal for iron ore quarry but reclamation proposal for Bauxite quarry was proposed..	No mining operation in Bauxite quarry was undertaken during 2017-18, thereby no reclamation was done.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Reclamation in mined out area of Buabite Quarry was proposed during 2017-18.	No reclamation was done as the Bauxite Quarry was not under operation during 2017-18.	Nil

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There was a proposal to plant 1250 nos. of saplings within the lease area during the year 2016-17.	During the year 2016-17, 8000nos. of saplings were planted in the lease area.	The actual plantation done was in higher side of the proposed number given in the approved scheme of mining.
8g	Survival rate	No specific proposal for survival rate of plantation furnished in the approved document.	The reported survival rate of plantation was about 80%	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling was proposed on the haul road to control the airborn dust.	Water sprinkling was a regular practice as observed during the field visit.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No comment to offer.	Plantation on the reclaimed portion of the mined out area enhances the aesthetic beauty of the mine.	Nil

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	The party has submitted all the monthly & annual returns for the year 2017-18.	The submission status of all the returns has been verified and found in order for the year 2017-18.	Nil

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 by the party for the year 2017-18.	The employment status of mining engineer, geologist & mine manager was verified in the field & found in order.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The land use pattern in different counts furnished in the annual return 2016-17 is as given below:- (i) Covered under current (O/C) workings: 25.515ha (ii) Reclaimed/rehabilitated: 1.314ha (iii) Waste disposal: 4.320ha (iv) Plant, buildings etc.: 8.264ha (v) Mineral storage & ETP etc.: 16.972ha & (vi) Work done on PMCP : 3.561ha	The land use pattern furnished in the annual return is appears to correct.	Nil
9d	Scrutiny of Annual return on afforestation	As per the annual return 2016-17, 8000 nos. of saplings were planted in the lease area.	The same was verified and found to be in order.	Nil

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral rejects neither from iron ore nor from Bauxite was generated during 2017-18.	The information furnished in the annual return is found to be in order.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	During the year 2016-17, 1714526.928 tonnea of iron ore production from opencast working and 235542.230 tonnes production from dump working was reported. The grades of the lumps are in between 58%-60%Fe & 60%-625Fe and the grade of the iron ore fines is 62% -65%Fe. There is no Bauxite production during the year 2017-18.	The production figures of iron ore furnished in the annual return 2016-17 is found to be in order.	Nil

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price for iron ore lumps is indicated to be for Rs.2048.00 for 58-60%Fe grade & Rs 2180.00 for 60-62%Fe. The ex-mine price for iron ore fines is for Rs. 1360.00 for 62-65%Fe & the same for grade range 55-58%Fe is for Rs. 525.00. There is no production & despatch of Bauxite during 2017-18, thereby the ex-mine price for the same is not available.	The ex-mine price furnished in the annual return is appears to be correct.	Nil
9h	Scrutiny of Annual return on fixed assets	The value of the fixed assets is indicated to be for Rs. 1018066/- in the annual return.	The value of the fixed assets furnished in the annual return could not evaluated.	Nil
9k	Scrutiny of Annual return on mining machineries	A good number of heavy earth moving mining machineries are dployed in the mine as indicated in the annual return submitted for the year 2017-18.	The deployment status of all mining machineries furnished in the annual return are found to be satisfactory.	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 G.C. SETHI)

Indian Bureau of Mines