

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

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/IRON/KJR/MCDR-54/BBS

**Mine code :** 30ORI08050

- (i) Name of the Inspecting : **U11** ) **DAYANAND UPADHYAY**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri R.N.Mondal, Mine Manager  
Official with  
Designation
- (iv) Date of Inspection : 28/02/2020
- (v) Prev.inspection date : 27/12/2019

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **THAKURANI**
- (b) **Registration NO.** : **IBM/5546/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : DALKI
- Taluka : BARBIL
- Post office : THAKURANI
- Pin Code : 758035
- FAX No. : 06767 270049
- E-mail : kjsahluwalia@rediffmail.cor
- Phone : 06767-270048
- (f) Police Station : Joda
- (g) First opening date : 15/12/1953
- (h) Weekly day of rest : SUN
2. Address for : AT/PO: THAKURANI  
correspondance VIA BARBIL, DIST: KEONJHAR  
ORISSA PIN: 758035
3. (a) Lease Number : ORI0072
- (b) Lease area : 228.04
- (c) Period of lease :
- (d) Date of Expiry : 31/03/2020
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : M/S KAY PEE ENTERPRISES  
 PO BOX No : 3 AT/PO:  
 BARBIL, KEONJHAR ORISSA  
 Phone:06767- 75348,75659  
 FAX :

Owner : P.K.AHLUWALIA  
 P.K.AHLUWALIA, MINE OWNER  
 P.B.NO.3, POST:BARBIL  
 KEONJHAR ORISSA  
 Phone:  
 FAX :

## Mining Engineer

Name : Sri Suresh Choudhary,Full Time  
 Qualification : BE Mining.  
 Appointment/ : 21/11/2011  
 Termination date

## Geologist

Name : AMIYA KUMAR NAIK,Full Time  
 Qualification : MSC GEOLOGY  
 Appointment/ : 01/02/2011  
 Termination date

## Manager

Name : RABINDRANATH MONDAL  
 Qualification : DIPLOMA MINING WITH 1ST CLASS CERTIFICATE  
 Appointment/ : 01/08/2011  
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	30/05/2003
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	06/02/2008
		Modif.approved Mining Scheme	16/10/2015
		MP modif under 17(3) MCR 2016	04/11/2016
		MP review under 17(1) MCR 2016	04/06/2018
		FMCP under 23C(1)	16/11/2018

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	44 nos of boreholes in 2018-19	26 nos. of bore holes drilled in 2018-19 and balance 18 nos. of bore holes drilled in 2019-20 due to delay in obtaining forest clearance.	26 nos. of bore holes drilled in 2018-19 and balance 18 nos. of bore holes drilled in 2019-20 due to delay in obtaining forest clearance.
1b	Exploration over lease area for geological axis 1 or 2	G2 level.	Proposed 44 nos. of bore holes of total meterage 2958.5m drilled by lessee under G2 level of exploration.	Proposed 44 nos. of bore holes of total meterage 2958.5m drilled by lessee under G2 level of exploration.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Exploration agency not specified prior to execute of proposed drilling.	Exploration agency involved in drilling was M/s Gemco Kati exploration. Cost incurred in drilling was Rs 9054022/-.	Exploration agency involved in drilling was M/s Gemco Kati exploration. Cost incurred in drilling was Rs 9054022/-.
1d	Balance area to be explored to bring Geological axis in 1 or 2	91.795 ha under G2 level of exploration.	About 91.795 ha area has been explored under G2 level by putting 44 nos. of bore holes of total meterage 2958.5m.	About 91.795 ha area has been explored under G2 level by putting 44 nos. of bore holes of total meterage 2958.5m.
1e	Balance reserve as on 01/04/20	As per the approved documnet on 04.06.2018, the iron ore reserves are 88.406 mil.t. and resources are 8.744mil.t.	Reserves as on 01.04.2019 are 82.9 mil.t. and resources are 8.744 mil.t.	Reserves as on 01.04.2019 are 82.9 mil.t. and resources are 8.744 mil.t.

1f	General remarks of inspecting officers on geology, exploration etc	44 nos of boreholes in 2018-19	26 nos. of bore holes drilled in 2018-19 and balance 18 nos. of bore holes drilled in 2019-20 due to delay in obtaining forest clearance.	In 2018-19 and 2019-20, about 91.795 ha area has been explored under G2 level by putting 44 nos. of bore holes of total meterage 2958.5m.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Lucky pit between grid 338100 to 338900 & 2446550 to 2446250 and DN pit between grid 337630 to 338030 & 2445650 to 244260.	Lucky pit between grid 338100 to 338900 & 2446550 to 2446250 and DN pit between grid 337630 to 338030 & 2445650 to 244260.	Development is carried out as per proposal.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB and ore with 10m height, top soil bench-nil.	Separate benches in OB and ore of 10m height have been maintained.	Separate benches in OB and ore of 10m height have been maintained.
2c	Stripping ratio or ore to OB ratio	1:0.18 t/cu.m	1:0.07 t/cu.m	Average stripping ratio varies due to irregular nature of ore deposit.
2d	Quantity of topsoil generation in m3	Not proposed.	Not applicable.	There is no top soil generation.
2e	Quantity of overburden generation in m3	1488502.90cu.m	389395.45 cu.m.	Less quantity of OB generated due to less production of ROM as proposed.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The development is proposed in two pits i.e Lucky pit and DN pit.	The development is proposed in two pits i.e Lucky pit and DN pit and bench height is maintained 10m as per proposal.	The development is proposed in two pits i.e Lucky pit and DN pit and bench height is maintained 10m as per proposal.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	The development is proposed in two pits i.e Lucky pit and DN pit.	The development is proposed in two pits i.e Lucky pit and DN pit and bench height is maintained 10m as per proposal.	The development is proposed in two pits i.e Lucky pit and DN pit and bench height is maintained 10m as per proposal.
3b	Quantity of ROM mineral production proposed	7.99 mil.t. during the year 2018-19	5.49 mil.t.	Due to non availability of EC for the proposed quantity the production could not be achieved and restricted to approved EC quantity 5.5 MTPA.
3c	Recovery of saleable/usable mineral from ROM production	Saleable ore 7.64 mil.t.	Saleable ore 5.49 mil.t.	Due to non availability of EC for the proposed quantity the production could not be achieved and restricted to approved EC quantity 5.5 MTPA.
3d	Quantity of mineral reject generation	353982.25T	Nil.	The generated mineral rejects are blended with high grade ore.
3e	Grade of mineral rejects generation and threshold value declared.	+45%-55% Fe	The generated mineral rejects are blended with high grade ore.	The generated mineral rejects are blended with high grade ore.

3f	Quantity of sub grade mineral generation.	353982.25T	Nil.	The generated mineral rejects are blended with high grade ore.
3g	Grade of sub grade mineral generation	+45%-55% Fe	The generated mineral rejects are blended with high grade ore.	The generated mineral rejects are blended with high grade ore.
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 being carried out at mines site.	Only crushing and screening is being carried out at mines site.
3j	Provision of drilling and blasting in mineral benches	DTH drilling of 115 mm dia. Blast hole with emulsion/slurry explosive as column charge and booster alongwith delay detonator.	Drilling and blasting is carried out with DTH drilling of 115 mm dia. Blast hole with emulsion/slurry explosive as column charge and booster alongwith delay detonator.	Drilling and blasting is carried out with DTH drilling of 115 mm dia. Blast hole with emulsion/slurry explosive as column charge and booster alongwith delay detonator.
3k	Provision of mining machineries in mineral benches	Shovel and dumper combination	Machineries available at sites are BLAST HOST DRILL 115.000MM- 1 no., AIR COMPRESSOR 450.000 CUM/MN-1 no., SHOVEL (HYDRAULIC) 4.300 CUM-1no., SHOVEL (HYDRAULIC)2.500 CUM - 2nos., SHOVEL(HYDRAULIC)1.700 CUM- 3nos., SHOVEL(HYDRAULIC)1.600 CUM- 1no., DUMPER 55/35T-24nos. DOZER-1 etc.,	Excavtion of material is carried out by shovel and dumper combination.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height- 10m	Bench height is suitably matched with the excavator.	Bench height is suitably matched with the excavator.
3m	Total area covered under excavation/pits	79.25 ha proposed during approved plan period.	About 70.0 ha area has been covered under excavation pits.	About 70.0 ha area has been covered under excavation pits.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.18 t/cu.m	1:0.07 t/cu.m	Average stripping ratio varies due to irregular nature of ore deposit .
3o	Total area put in use under different heads at the end of year	Total area proposed under different heads are Pits- 79.25ha, waste dump- 17.50 ha, Plant, residential & building- 7.5ha, roads- 2.5 ha & Mineral storage-5.45ha	Area covered under different heads are Pit-70.0ha, waste dump- 13.50 ha, Plant, residential & building, roads-0.025ha & others -1.800 ha.	Area covered under different heads are Pit-70.0ha, waste dump-13.50 ha, Plant, residential & building, roads- 0.025ha & others -1.800 ha.
3p	Production of ROM mineral during the last five year period as applicable	2014-15: 3891510 t 2015-16: 5288993 t 2016-17: 5500106 t 2017-18: 5500049 t 2018-19: 7999998 t	2014-15: 158235 t 2015-16: 2994070 t 2016-17: 5481286 t 2017-18: 5499506 t 2018-19: 5499050 t	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 two pits i.e . Lucky pit and DN pit.	The ROM production has been carried out in in two pits i.e . Lucky pit and DN pit as proposed. DTH drilling of 115mm dia. Blast hole with emulsion/ slurry explosive alongwith delay detonator is being practiced for drilling and blasting.	The ROM production has been carried out in in two pits i.e . Lucky pit and DN pit as proposed.
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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.	Separate dumping for overburden and mineral reject have been maintained.	There is no top soil generation.
4b	Location of topsoil, OB and mineral reject dumps	Minera rejects dump N-2446650 to 2446882 & E-338310 to 338500 and OB material on dump-3, N2445370-2445890 & E-338650 to 338775	Dumping of waste was done over dump-3, between grid N2445370-2445890 & E-338650 to 338775.	Dumping of waste was done over dump-3 and the mineral rejects generated were blended with saleable ore.
4c	Number of dumps within lease area and outside of lease area	Minera rejects dump N-2446650 to 2446882 & E-338310 to 338500 and OB material on dump-3, N2445370-2445890 & E-338650 to 338775	Dumping of waste was done over dump-3, between grid N2445370-2445890 & E-338650 to 338775 within lease area.	Dumping of waste was done over dump-3 and the mineral rejects generated were blended with saleable ore.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside UPL	Dumps are locaterd outside UPL.	Dumps are locaterd outside UPL.
4e	Number of active and alive dumps.	One active dump.	There is one active dump.	There is one active dump.



4f	Number of dead dumps.	Not proposed.	Nil.	There are three dead dump in lease area which are stabilised by plantation.
4g	Number of dumps established.	Not proposed.	Nil.	There are three dead dump in lease area which are stabilised by plantation.
4h	Whether Retaining wall or garland drain all along dumps are there.	1340 m length of retaining wall and 2650 m of garland drain.	Total 640 m length of retaining wall and 2100 m of garland drain was constructed by lessee.	Waste generation was planned on enhanced ROM production of 7.99 millionbut EC for enhance quantitiy not obtrained and production was restricted to present capacity of 5.5MTPA. Therefore due to less waste generation proposed retaining wall and garland drain not feasible.
4i	Length of Retaining wall or garland drain all along dumps	1340 m length of retaining wall and 2650 m of garland drain.	Total 640 m length of retaining wall and 2100 m of garland drain was constructed by lessee.	Waste generation was planned on enhanced ROM production of 7.99 millionbut EC for enhance quantitiy not obtrained and production was restricted to present capacity of 5.5MTPA. Therefore due to less waste generation proposed retaining wall and garland drain not feasible.
4j	Number of settling ponds	02 settling ponds	02 settling ponds	02 settling ponds

4k	Specific comments of inspecting officer on waste dump management	Minera rejects dump N-2446650 to 2446882 & E-338310 to 338500 and OB material on dump-3, N2445370-2445890 & E-338650 to 338775	Dumping of waste was done over dump-3, between grid N2445370-2445890 & E-338650 to 338775 within lease area.	Dumping of waste was done over dump-3 and the mineral rejects generated were blended with saleable ore.
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#### 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.	Not proposed as Pits are not matured for backfilling.	Pits are not matured for backfilling.	Pits are not matured for backfilling.
5b	Area under backfilling of mined out area	Not proposed as Pits are not matured for backfilling.	Pits are not matured for backfilling.	Pits are not matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed as Pits are not matured for backfilling.	Pits are not matured for backfilling.	Pits are not matured for backfilling.
5d	Total area fully reclaimed and rehabilitated	Not proposed as Pits are not matured for backfilling.	Pits are not matured for backfilling and reclamation and rehabilitation.	Pits are not matured for backfilling.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not proposed as Pits are not matured for backfilling.	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
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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).	6.29 ha during the year 2018-19.	In 2018-19, total area cover under afforestation is about 6.0 ha.	In 2018-19, total area cover under afforestation is about 6.0 ha.
6d	No. of saplings planted during the year	11916 nos.	In 2018-19, total 13700 nos. of saplings have been planted by lessee.	In 2018-19, total 13700 nos. of saplings have been planted by lessee.
6e	Cumulative no .of plants	Not specified	Cumulative nos. of saplings planted in the lease area is about 95623 nos.	Cumulative nos. of saplings planted in the lease area is about 95623 nos.
6f	Any other method of rehabilitation	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.
6g	Cost incurred on watch and care during the year	Not specified.	Around Rs 838920/- cost incurred on watch and care.	Around Rs 838920/- 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 not 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 not 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 backfilled 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.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	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.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	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.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	1.0 ha area of safety zone by 200 nos.of plantation.	1.0 ha area of safety zone by 200 nos.of plantation.	1.0 ha area of safety zone by 200 nos.of plantation.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	1.0 ha area of safety zone by 200 nos.of plantation.	1.0 ha area of safety zone by 200 nos.of plantation.	1.0 ha area of safety zone by 200 nos.of plantation.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	1.0 ha area of safety zone by 200 nos.of plantation.	1.0 ha area of safety zone by 200 nos.of plantation.	1.0 ha area of safety zone by 200 nos.of plantation.
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 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.
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### Mineral Conservation:

Sl.No.	Item	Proposals	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 sorting.
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 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	Proposals	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 have been maintained.	Separate dumping for overburden and mineral reject have been maintained.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	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.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps 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.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	11916 nos of sapling during the year 2018-19.	13700 nos of saplings have been planted during the year 2018-19.	13700 nos of saplings have been planted during the year 2018-19.
8g	Survival rate	Not specified.	As reported survival rate is 70%.	As reported survival rate is 70%.
8h	Water sprinkling on roads to control airborne dust	Water sprinkler.	Four water sprinkler are used to control air borne dust.	Four water sprinkler are used to control air borne dust.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	11916 nos of sapling during the year 2018-19.	13700 nos of saplings have been planted during the year 2018-19. As reported cumulative no. of trees planted by lessee is about 95625 nos.	Aesthetic beauty in and around mines area is maintained by plantation.

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.	Mining engineer, geologist & mine managers were employed in the mine.	Mining engineer, geologist & mine managers were employed in the mine.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area covered under different heads are Pit-70.0ha, waste dump-13.50 ha, Plant, residential & building, roads-0.025ha & others - 1.800 ha.	Area covered under different heads are Pit-70.0ha, waste dump-13.50 ha, Plant, residential & building, roads-0.025ha & others -1.800 ha.	Area covered under different heads are Pit-70.0ha, waste dump-13.50 ha, Plant, residential & building, roads-0.025ha & others -1.800 ha.
9d	Scrutiny of Annual return on afforestation	13700 nos within lease area.	13700 nos within lease area.	13700 nos within lease area.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Nil

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stock: Lump- 60% to below 62% : 26365.050T, 62% to below 65% : 146631.672T Fines : 58% to below 60% : 22603.930T, 62% to below 65% : 1007167.778T	Closing stock: Lump- 60% to below 62% : 26365.050T, 62% to below 65% : 146631.672T Fines : 58% to below 60% : 22603.930T, 62% to below 65% : 1007167.778T	Closing stock: Lump- 60% to below 62% : 26365.050T, 62% to below 65% : 146631.672T Fines : 58% to below 60% : 22603.930T, 62% to below 65% : 1007167.778T
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine proce : Lump- 60% to below 62% : Rs 3508.00, 62% to below 65% : Rs 4019.00 Fines : 58% to below 60% : Rs 1300.00, 62% to below 65% : Rs 2082.00	Ex mine proce : Lump- 60% to below 62% : Rs 3508.00, 62% to below 65% : Rs 4019.00 Fines : 58% to below 60% : Rs 1300.00, 62% to below 65% : Rs 2082.00	Ex mine proce : Lump- 60% to below 62% : Rs 3508.00, 62% to below 65% : Rs 4019.00 Fines : 58% to below 60% : Rs 1300.00, 62% to below 65% : Rs 2082.00
9h	Scrutiny of Annual return on fixed assets	Fixed assests Rs.407275986	Fixed assests Rs.407275986	Fixed assests Rs.407275986
9k	Scrutiny of Annual return on mining machineries	BLAST HOST DRILL 115.000MM- 1 no., AIR COMPRESSOR 450.000 CUM/MN-1 no., SHOVEL (HYDRAULIC) 4.300 CUM- 1no., SHOVEL (HYDRAULIC)2.500 CUM - 2nos., SHOVEL (HYDRAULIC)1.700 4.300 CUM- 1no., SHOVEL (HYDRAULIC)2.500 CUM -2nos., SHOVEL (HYDRAULIC)1.600 CUM- 1no., DUMPER 55/35T-24nos. DOZER-1 etc.,	BLAST HOST DRILL 115.000MM- 1 no., AIR COMPRESSOR 450.000 CUM/MN-1 no., SHOVEL (HYDRAULIC) 4.300 CUM- 1no., SHOVEL (HYDRAULIC)2.500 CUM - 2nos., SHOVEL (HYDRAULIC)1.700 CUM- 3nos., SHOVEL (HYDRAULIC)1.600 CUM- 1no., DUMPER 55/35T-24nos. DOZER-1 etc.,	Found to be in order.



**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 :**

(DAYANAND UPADHYAY)

Indian Bureau of Mines