

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/BHD/FE-1/NGP

Mine code : 30MSH05001

- (i) Name of the Inspecting : **M017**) **ASHISH MISHRA**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Kolvate, Manager
Official with
Designation
- (iv) Date of Inspection : 16/01/2020
- (v) Prev.inspection date : 28/08/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KHURSIPAR**
- (b) **Registration NO.** : **IBM/5319/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MAHARASHTRA
District : GONDIA
Village : KHURSIPAR
Taluka : AMGAON
Post office : CHIRCHARBANDH
Pin Code : 441809
FAX No. : (0712)-234239
E-mail :
Phone : 232775(M.D.),233101,233419
- (f) Police Station :
- (g) First opening date : 19/01/1993
- (h) Weekly day of rest : SAT
2. Address for : 3RD FLOOR, UDYOG BHAVAN,
correspondance : CIVIL LINES,
NAGPUR-440 001
3. (a) Lease Number : MSH0036
- (b) Lease area : 9.32
- (c) Period of lease : 50
- (d) Date of Expiry : 30/03/2034
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : MAHARASHTRA STATE MINING CORPN. LTD.
 3RD FLOOR, UDYOG BHAVAN,
 OPP. VIKRIKAR BHAVAN, CIVIL
 LINES, NAGPUR NAGPUR
 MAHARASHTRA
 Phone:0712 2565051
 FAX :0712 2565054

Owner : M/S MAHARASHTRA STATE MINING CORPORATION LTD.
 5, ABHYANKAR NAGAR NAGPUR -
 10 NAGPUR MAHARASHTRA
 Phone:
 FAX :

Agent : SHRI C. C. SARKAR
 5, ABHYANKAR NAGAR, P. B.
 NO. 351, DISTT. - NAGPUR
 (M. S.). NAGPUR MAHARASHTRA
 Phone: 526419, 533101, 531849.
 FAX :

Manager
 Name : SHRI S. DAY
 Qualification : FOREMAN'S CERTIFICATE
 Appointment/ : 31/01/2005
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	20/03/2003
		FMCP under 23C(1)	04/11/2008
		Mining Scheme rule 12 MCDR1988	05/08/2009
		Modif.of approved Mining Plan	03/06/2016
		MP review under 17(1) MCR 2016	15/07/2019

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	11 Boreholes (7 in 2016-17 & 4 in 2017-18) No proposals for 2018-19.	Nil	Violation for non-compliance of the proposals was issued on 02/07/2019 which has been complied on 21/02/2020. Backlog of the proposed exploration is proposed to be covered in the approved mining plan period 2019-20 to 2023-24. Original lease area was 9.32 ha out of which 4.95 ha was forest land. As per the MMDR Amendment Act 2015, lease was extended for 4.37 ha non-forest land only. Proposed boreholes were mainly planned to prove the reserves in forest land which were subjected to clearance.
1b	Exploration over lease area for geological axis 1 or 2	G-1, G-2 & G-3	G-1: 0.1659 ha G-2: 1.1206 ha G-3: 0.1234 ha Unexplored area: 2.9601 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals for 2018-19. For 2016-17 & 2017-18, exploration was proposed to be carried out by MSMC Ltd.	No exploration carried out, hence the information is Nil.	As given under item 1a
1d	Balance area to be explored to bring Geological axis in 1 or 2	3.0835 ha area was remaining to be explored under G-1 & G-2 category.	No exploration could be carried out in the years 2016-17 to 2018-19. Further proposals of 8 boreholes is given in the proposal period 2019-20 to 2023-24 for exploring the balance area.	

1e	Balance reserve as on 01/04/20	Balance reserves as on 01.04.2019 is given under actual work details:	111-231079 T 121- 64860 T 122- 19067.8 T 221- 24172.2 T
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1f	General remarks of inspecting officers on geology, exploration etc		The ore zone in the area vary in thickness from about 12 m to nearly 16 m. It strikes in a general; NE-SW direction in the north to N-S in the central to a nearly NE-SW swing in the south. It dips at steep angle of 70 to 80 degrees due west/North-West. More thrust is needed towards exploration for systematic development of the deposit as around 3 ha area is required to be covered under detailed exploration (G-1 level).
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Location of development for 2018-19 was around N850 to N925 & E480 to E520 at approximate RLs 339 m to 345 m	Development carried out as per the proposed location.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, separate benches are proposed in top soil, OB and mineral wherever possible. Further, as the area is having float ore, there is no top soil in the proposed working area and due to steeply dipping orebody (70 to 80 degrees due west/North-West), it is not always possible to keep separate benches in OB and mineral. Sub-soil is considered to be around 2% of the float ore working	As per the proposals	
2c	Stripping ratio or ore to OB ratio	2018-19- 1:0.2	2018-19- 1:1.39 (ROM:6958.26 T, Waste: 9550 cum)	Development was more due to occurrence of one dike of clay. Production remained lower due to less demand. this has caused incremental increase in the stripping ratio.
2d	Quantity of topsoil generation in m3	Nil, Sub-soil is proposed as around 350 cum for the year 2018-19	Nil for top soil. Meagre Sub-soil generated from the workings were utilized in plantation work simultaneously.	
2e	Quantity of overburden generation in m3	2018-19: 4121.66 cum	2018-19: 9550 cum	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The ore zone in the area vary in thickness from about 12 m to nearly 16 m. It strikes in a general; NE-SW direction in the north to N-S in the central to a nearly NE-SW swing in the south. It dips at steep angle of 70 to 80 degrees due west/North-West. Deposit is being worked through manual means as the ore zone needs to be clearly identified and separately extracted. Further, float ore working also require manual sorting of ore.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two Pits	2 Pits: One at N750 to N950 & E500 to E600, One at N450 to N600 & E350 to E500	
3b	Quantity of ROM mineral production proposed	2018-19: 35540 T	2018-19: 6958.26 T	
3c	Recovery of sailable/usable mineral from ROM production	Around 70% of in-situ ore and around 6% of float ore	Actual recover was 100% as production being quite low due to low demand. Entire fines and sub-grade was saleable. Further, no working could be done in the float ore zone.	
3d	Quantity of mineral reject generation	2018-19: 3554 T	2018-19: Nil	

3e	Grade of mineral rejects generation and threshold value declared.	~15% Fe, Threshold value for Magnetite ore is +15% Fe	The grade of ore occurring in the area is around 50-54% Fe. Mineral rejects/sub-grade are proposed to be generated in form of fines mainly which are proposed to be blended as per the requirements.	In the mining plan approved for 2019-20 to 2023-24, no mineral rejects are proposed to be generated as per the observations made in the last approved mining plan period.
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual sorting of ROM	Manual sorting of ROM	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposals	No such proposals, however, a study was carried out through Ore Dressing Division of Indian bureau of Mines for recovery of Titanium from Magnetite fines.	
3j	Provision of drilling and blasting in mineral benches	No drilling and blasting is proposed	No drilling and blasting carried out as the strata is soft in nature	
3k	Provision of mining machineries in mineral benches	No mechanization is proposed	Ore body is proposed for digging, manual sorting & transportation by small trucks/tractor trolley	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height proposed is 3 m (maximum) forming sub-benches of 1-1.5 m	Bench height is kept as 1 m to 3 m and is as per the method of working proposed in the area.	
3m	Total area covered under excavation/pits	Total area proposed to be covered under excavation as on 31.03.2019 is 2.135 ha	Total area covered under excavation/pits is 1.66 ha	

3n	Ore to OB ratio for the pit/mine during the year.	2018-19- 1:0.2	2018-19- 1:1.39 (ROM:6958.26 T, Waste: 9550 cum)	Development was more due to occurrence of one dike of clay. Production remained lower due to less demand. this has caused incremental increase in the stripping ratio.
3o	Total area put in use under different heads at the end of year	Total area put to use under various heads as on 31.03.2019 is furnished in actual work details:	Area under: Excavation/Pits- 1.66 ha Waste Dump- 0.2 ha Mineral Storage- 0.243 ha Infrastructure- 0.003 ha Roads- 0.09 ha Green belt- 0.67 ha	
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 35459 T 2016-17: 35600 T 2015-16: 35600 T 2014-15: Lapsed period 2013-14: Lapsed period	2017-18: 7150.42 T 2016-17: 5502.49 T 2015-16: 6262.90 T 2014-15: 8058.34 T 2013-14: 8222.72 T	Lessee has submitted mining plan for the area of 9.45 ha in 2013-14, however, that was withdrawn in Aug'15 as the executed leases deed was available for 4.37 ha area only and no clarification was received from state government over the matter. Further, after receiving the order for extension of lease period for 4.37 ha, the plan was modified and submitted for 4.37 ha in Oct'15 which was approved in June'16. Thus 2013-14 & 2014-15 period were lapsed.

3q General remarks of inspecting officers on method of mining etc.

Method of mining is manual with no drilling and blasting required as the strata is loose & can be digged manually. Ore zone in the area is in form of float ore occurring at ~1 m depth from surface and in-situ orebody which is steeply dipping. Both zones require manual intervention for identification and separate exploitation of mineral alongwith sorting.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no top soil in the proposed working area. Sub-soil, proposed as 2% of the float ore workings which is proposed to be stacked separately for future plantation work. OB/Waste and mineral rejects are also proposed to be kept separate.	Separate dumping of Soil, OB & mineral rejects was proposed however, no soil was generated due to no float ore working in the year 2018-19. Clay band working has generated meagre soil that was utilized in plantation. No mineral rejects were generated as entire ROM was graded and sold.	

4b	Location of topsoil, OB and mineral reject dumps	Soil dump: N750 to N800 & E450 to E500 OB/Waste Dump: 2 dumps at N450 to N550 & E750 to E850, N800 to N900 & E550 to E600 Mineral rejects: N800 to N820 & E880 to E900	Waste dumping has been done as per the proposals on two active dumps. No soil or mineral rejects dump available.	
4c	Number of dumps within lease area and outside of lease area	Soil: One stack OB/Waste Dump: 2 dumps Mineral rejects: One stack All within the lease area.	2 OB/Waste dumps are within the lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumps are proposed outside the pit limits	Dumps are located outside the pit limits. As the working is manual, small dumps are made near the working area which are shifted to main dumps located outside pit limits.	
4e	Number of active and alive dumps.	2 waste dumps are proposed to be active and alive	2 waste dumps are active and alive dumps	
4f	Number of dead dumps.	No such proposals	Nil	At conceptual stage, it is proposed to partially backfill the pit bottom with generated waste and part of pit above backfilled area will be left for water storage and upper benches will be planted with local species of trees.
4g	Number of dumps established.	No such proposals	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	It is proposed to cover the toe side of the dumps with garland drains and stone pitched walls (retainng wall).	As the adjacent area is forest land for which no clearance is obtained, garland drains and stone pitched walls have been constructed on the outer edge of the waste dumps while inner edge being available for active dumping.	
4i	Length of Retaining wall or garland drain all along dumps	Around 50 m	As per the proposals, around 50 m of garland drains and retaining wall in form of stone pitching has been constructed.	
4j	Number of settling ponds	No suc proposals	Nil	
4k	Specific comments of inspecting officer on waste dump management			Waste dump management aspect is satisfactory for the area. generated waste is quite low in comparison to the production except for the area having dyke of clay. Waste dumps are small and are proposed to be backfilled at conceptual stage. Garland drains and retaining wall is available to avoid any wash off and subsequent degradation of adjacent forest land.

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 proposals	Nil	
5b	Area under backfilling of mined out area	No such proposals	Nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No such proposals	Nil	
5d	Total area fully reclaimed and rehabilitated	No such proposals	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			At conceptual stage, it is proposed to partially backfill the pit bottom with generated waste and part of pit above backfilled area will be left for water storage and upper benches will be planted with local species of trees.

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).	To be submitted on or before 30th June every year depicting work done under PMCP in the preceding year	No such report was submitted	The report was obtained at the time of site inspection
6b	Area available for rehabilitation (ha) .	Non-mineralized zone near the office & 7.5 m non mining zone only is available for plantation work. Approximately the area is 1.0 ha	The lease area is divided into two non-contiguous blocks. Due to this, apart from 7.5 m non-mining zone, due to limitations of area in both the blocks, no area is presently available for reclamation and rehabilitation. Thus, plantation is being carried out over 7.5 m non-mining zone and near the office building only.	Plantation has also been carried out outside the lease area along the road.

6c	afforestation done (ha).	2018-19: 0.1 ha with 300 saplings	2018-19: 0.05 ha with 140 saplings (60 saplings within lease area and 80 saplings adjacent to the lease boundary)	From 2009-10 to 2013-14, total 250 saplings were proposed to be planted over 0.1 ha against which, overall 0.515 ha area was reclaimed with 975 saplings (with 30% survival due to non-availability of soil, sustained plantation was around 325 Nos.). Afterwards, infilling plantation was carried out and thus, presently, availability of area for plantation is scarce.
6d	No. of saplings planted during the year	2018-18: 300 Nos.	2018-19: 140 Nos. (60 saplings within lease area and 80 saplings adjacent to the lease boundary)	Reasons elaborated under item 6c
6e	Cumulative no .of plants	Upto 2018-19: 1150 Nos.	Upto 2018-19: 1515 Nos.	Approximately 770 Nos. of trees are surviving as on date. Alongwith this, plantation outside the lease area along the road has also been carried out.
6f	Any other method of rehabilitation	No such proposals	Nil	
6g	Cost incurred on watch and care during the year	Rs 25000/- over plantation and environment monitoring	Approximately Rs 40000/- over environment monitoring, plantation and maintenance & repair of garland drains	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No such proposals	Nil	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No such proposals	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No such proposals	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposals	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No such proposals	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Rehabilitation of waste land in form of non-mineralized land near the office and 7.5 m non-mining zone are proposed for green belt plantation. The area is around 1.0 ha	As per the proposals.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Upto 2018-19, around 0.55 ha area was proposed to be covered under green belt plantation	Upto 2018-19, around 0.67 ha has been covered under green belt plantation. To overcome low survival, lessee has planted more number of trees.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Green belt plantation	Green belt plantation

6p	Compliance of environmental monitoring (core zone and buffer zone)	Environment monitoring is proposed to be carried out in the core zone as per the category of the mine	Environment monitoring carried out for air & water as per the guidelines. The reports of the environment monitoring were checked and found that all the parameters are within the permissible limits. Noise and ground vibration analysis not required as no drilling and blasting was carried out and the mine was operating with manual means only.	PMCP operations are satisfactory in light of the limitations in the existing non-contiguous blocks of the lease which has been reduced from the previous approved proposals. Plantation has been carried out over the available waste land in the area. Though survival is low due to non-availability of top soil, this has been tried to overcome by planting more number of saplings. Environment monitoring has been carried out for air and water as per the category of the mine.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting of ROM within the lease area and then dispatch.	Grade-wise sorting of ROM within the lease area and then dispatch.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual sorting	Manual sorting
7c	Different grade of mineral sorted out at mines.	Below 55% Fe (Lumps) & Below 55% Fe (Fines)	As proposed.
7d	Any beneficiation process at mines	No such proposals	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Entire ROM is graded and dispatched under below 55% Fe grade (Lumps & Fines). Thus, mineral conservational aspect is satisfactory. A study was carried out through Ore Dressing Division of Indian bureau of Mines for recovery of Titanium from Magnetite fines through which, it was concluded that separation of Titanium ore from the Fines isn't possible.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Top soil is not available in the proposed working area.	Not applicable for top soil however, sub-soil is proposed to be generated @2% of Float ore workings. Meagre quantum of soil was removed from the clay band which was utilized in simultaneous plantation.	
8b	Concurrent use or storage of topsoil	Top soil is not available in the proposed working area.	Not applicable for top soil however, sub-soil is proposed to be generated @2% of Float ore workings. Meagre quantum of soil was removed from the clay band which was utilized in simultaneous plantation.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There is no top soil in the proposed working area. Sub-soil, proposed as 2% of the float ore workings which is proposed to be stacked separately for future plantation work. OB/Waste and mineral rejects are also proposed to be kept separate.	Separate dumping of Soil, OB & mineral rejects was proposed however, no soil was generated due to no float ore working in the year 2018-19. Clay band working has generated meagre soil that was utilized in plantation. No mineral rejects were generated as entire ROM was graded and sold.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposals	Nil	At conceptual stage, it is proposed to partially backfill the pit bottom with generated waste and part of pit above backfilled area will be left for water storage and upper benches will be planted with local species of trees.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposals	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline information given in the mining plan. Additional plantation proposed upto 2018-19 was 1150 saplings.	Baseline information given in the mining plan. Additional plantation carried out upto 2018-19 is 1515 saplings out of which 770 are surviving.	
8g	Survival rate	70%	In earlier years, survival rate observed was 30%, however, with proper housekeeping and watering/fencing, the survival rate was enhanced to 80% in the year 2018-19.	Plantation has been carried out over the available waste land in the area. Though survival is low due to non-availability of top soil, this has been tried to overcome by planting more number of saplings. Thus, actual gap is only 35 saplings (1150 X 70%= 805 Nos. proposals & 770 actually surviving plants).
8h	Water sprinkling on roads to control airborne dust	Yes	Yes, water sprinkling is being done by small tractor mounted tankers.	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Apart from normal degradations due to mining activities, aesthetic beauty in and around area is good. The area is surrounded by forest land having dense trees. Also, lessee has carried out plantations over 0.67 ha area with around 770 saplings within the lease area and around 500 trees outside the lease area along the road. Being manual working, no specific environment issues were observed.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual Returns are required to be submitted online before 1st July of every year for preceding year Monthly returns are required to be submitted online before 10th of every month for preceding month	AR for the lease area was submitted online upto 2018-19 MR for the lease area was submitted online upto Dec'19	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Nil Geologist: Shri P. S. Sonpipare Manager: Shri V. M. Kolvate	Being a category B mine, part time Mining Engineer has been appointed namely Shri J. R. Sahu.	It was advised to mention in the AR the name of the persons under part-time statutory employments.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per the AR, Area covered under current O/C workings: 2.6 ha Used for Waste disposal: 0.77 ha Other (Mineral Storage): 1.0 ha	Actual Area under: Excavation/Pits- 1.66 ha Waste Dump- 0.2 ha Mineral Storage- 0.243 ha Infrastructure- 0.003 ha Roads- 0.09 ha Green belt- 0.67 ha	The return is under refer back for the correction in the area details as advised during the site inspection.
9d	Scrutiny of Annual return on afforestation	Number of trees lanted during the year: 60 within the lease area & 80 outside the lease area Survival: 80% for both, within and outside lease area plantation	Complete and correct information has been given	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Correct information has been furnished as there were no sub-grade/mineral rejects stacks available at the mine site	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: Opening & Closing Stocks- Nil, Production- 6958.26 T Graded Ore: (i) Lumps: (a) below 55% fe- Opening Stock- 12780.747 T, Production- 4504.9 T, Dispatch- 7389.05 T, Closing Stock- 9896.597 T (ii) Fines: (a) below 55% fe- Opening Stock- Nil, Production- 2453.36 T, Dispatch- 1975.05 T, Closing Stock- 478.31 T	Complete and correct information provided	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value: (i) Lumps: Below 55% Fe- Rs 16847034/- (ii) Fines: Below 55% Fe- Rs 839386/- EMP: (i) Lumps: Below 55% Fe- Rs 2280/- per T (ii) Fines: Below 55% Fe- Rs 425/- per T Cost of production: Rs 2503.98/- per T	Complete & correct information has been provided. EMP reported has been verified through sale invoices.
9h	Scrutiny of Annual return on fixed assets	Value of fixed assets: Rs 233207/- Apart from this, value of land, machineries, plant and buildings etc. have been furnished alongwith depreciation.	Complete and correct information has been provided
9k	Scrutiny of Annual return on mining machineries	Details provided for- Air compressor (2 Nos.), Tipper Truck (3 Nos.), Jeep/tractor (1 Nos) & Pumps for dewatering (2 Nos.).	Complete and correct information has been provided.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :**(ASHISH MISHRA)**

Indian Bureau of Mines