

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

MCDR INSPECTION REPORT

Goa regional office

Mine file No : MAH/KLP/Bx-9/GOA

Mine code : 07MSH13008

- (i) Name of the Inspecting : **J003**) **JANGID G K**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Amrit Sable, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 04/02/2016
- (v) Prev.inspection date : 12/12/2014

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GIRGAON**
- (b) **Registration NO.** : **IBM/778/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : MAHARASHTRA
- District : KOLHAPUR
- Village : GIRGAON
- Taluka : SHAHAWADI
- Post office : YELWANJUGAI
- Pin Code : 415101
- FAX No. : 0831-2429968
- E-mail : pkulkarni2007@yahoo.co.in
- Phone : 0831-2427187, 9880025007
- (f) Police Station : SHAUWADI
- (g) First opening date : 20/12/2002
- (h) Weekly day of rest : SUN
2. Address for : Bharatesh Construction Company
correspondance 34/35, Corporation Complex,
Goa-Ves, Hindwadi, Belgaum-590011
3. (a) Lease Number : MSH0243
- (b) Lease area : 71.42
- (c) Period of lease : 30
- (d) Date of Expiry : 04/02/3032
4. Mineral worked : BAUXITE Main

5. Name and Address of the

Lessee : BHARTESH CONSTRUCTION COMPANY
 Shop No-34, Corp. Complex
 Goaves, Hindwadi, BELGAUM
 KARNATAKA
 Phone:0831-2427187
 FAX :0831-2429968

Owner : SURENDRA T KODACHWAD
 SHOP NO-34/35, CORPORATION
 COMPLEX GOA-VES, HINDWADI
 BELGAUM KARNATAKA
 Phone: 0831-2427187
 FAX : 0831-2429968

Agent : KRISHNA SHATTUPPA PATIL
 SANDEEP NIWAS,H.NO. 785 5TH
 MAIN, 1ST CROSS,GANESH RD.
 VAIBHAV NAGAR,BELGAUM
 BELGAUM KARNATAKA
 Phone: 0831 - 2471597 ,2427187
 FAX : 0831 - 2429968

Manager

Name : Rajeev Kumar
 Qualification : BE Mining
 Appointment/ : 17/11/2014
 Termination date

Manager

Name : Shri Amrit Sable
 Qualification : Diploma in Mining & mine Survrying & I s
 Appointment/ : 11/04/2013
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	07/12/2000
Plan/Scheme of Mining		Modif.of approved Mining Plan	17/10/2002
		Mining Scheme rule 12 MCDR1988	16/09/2005
		Mining Scheme rule 12 MCDR1988	28/03/2012
		Modif.approved Mining Scheme	23/01/2015
		Mining Scheme rule 12 MCDR1988	20/04/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There was no backlog at the start of year 2014-15.	Not applicable for the backlog.	
1b	Exploration over lease area for geological axis 1 or 2	Additional exploration by means of boreholes over insitu plateau area and trail pits over float ore area was proposed.	Additional exploration by means of five boreholes over insitu plateau area and 45 trail pits over float ore area was carried out during the year 2014-15.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Exploration by own equipments was proposed due to shallow 6-7m depth of bauxite.	Trial pits with the use of backhoe and boreholes by DTH holes were carried to convert G2 into G1 and prove float ore. Amount spent is not applicable; as it is not estimated for own equipments.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Complete area is explored for G1 category of reserves; however 20 trial pits are proposed in further down side of the slope for possibility of float ore and to convert into G-1/G2 reserves.	Trial pits are made in remaining part of slope of area for float ore inbetween 945mRL to 930mRL during 2015-16. 20 trial pits are made in the slope of the hillock for float ore from 1000mRL to 945mRL and five DTH holes to convert into G-1/G2 reserves.	

1e	Balance reserve as on 01/04/20	Modified mining plan was approved after last inspection on 12.12.2014 and reserves were re-estimated due to incorrect depth of bauxite in previous approved scheme of mining.	Additional exploration was carried out during 2014-15 and balance reserves at the end of 2014-15 are 1281880t under 111, 50000t under 121, 75,000t under 333.
1f	General remarks of inspecting officers on geology, exploration etc	Geological reserves were estimated with 10m thickness of insitu ore in previous approved SOM in 2012 and were on higher side due to less thickness of bauxite in all the working pits. Actual thickness of bauxite is 5-6m in insitu plateau area.	The modification in scheme of mining was suggested after inspection on 26.05.2014 and modified mining scheme was approved in January 2015 with revised proposals for the year 2014-15. Next scheme of mining is also approved for the period from 2015-16 to 2019-20 in March 2015.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Proposal was to develop the SW and Se part of plateau for insitu bauxite production. It was proposed to develop Pit in between grid lines N1862913-N1863383, E379946-E380053 in earlier SOM and modified proposals were approved in Jan 2015.	The different pits are spread in between grid lines N1862860- N1863383, E379835-E380520 and it is as per approved modified SOM.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Topsoil is not present in plaeau area. Thin aluminious laterite capping is there in different part of plateau and separate benches in waste and ore is not planned; as its thickness is varies place to place.	Topsoil is not present in plaeau area. Thin aluminious laterite capping is there in different part of plateau and has been separately excavated. Separate bench is not made; as its thickness is varies place to place.
2c	Stripping ratio or ore to OB ratio	Ore to OB ratio was 10:1 as per modified SOM.	Ore to OB ratio was 10:1 for the year 2014-15.
2d	Quantity of topsoil generation in m3	NIL	NIL
2e	Quantity of overburden generation in m3	Planned waste was 12500m3.	Aluminous Laterite was considered as OB and its generated quantity was 12500m3.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Shallow depth bauxite mining with one bench working in insitu plateau part was proposed.	It is shallow depth bauxite mining with one bench working in insitu plateau part.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	Development in two pits was proposed due to shallow depth mining in single bench over different hillocks.	Development of pits for production of bauxite was carried out as per proposals as per modified SOM, which was approved in Jan 2015.	
3b	Quantity of ROM mineral production proposed	Total 3 lacs tonnes ROM production was proposed as per Environment clearance.	Total 285500 tonnes of ROM production was reported during the year.	
3c	Recovery of sailable/usable mineral from ROM production	The recovery of ore from ROM was planned 100% after crushing & screening.	The recovery of ore from ROM was 100% after crushing & screening. The -12mm fines is being sold to cement plants and +12mm bauxite was sold to alumina plants.	
3d	Quantity of mineral reject generation	The mineral reject was planned from aluminous laterite i.e. top 1-2m capping in insitu plateau area and it was 25000t per annum.	The mineral reject generated and reported during the year was 25000t. However, there is discrepancy in AR and lessee was advised to correct the A.R. of 2014-15.	
3e	Grade of mineral rejects generation and threshold value declared.	Threshold limit is +30% Al ₂ O ₃ and mineral reject was planned for high silica content.	The 25000t mineral reject was indicated of -28% Al ₂ O ₃ .	
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	Diesel operated mechanical crusher & screen plants were proposed.	Diesel operated mechanical crusher & screen plants (three numbers) are in use for grade wise production of bauxite as per size & silica content. Higher grade i.e. +41 to -45% % Al ₂ O ₃ and +45% Al ₂ O ₃ is made based on actual grade of ore after blasting at face.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Analysis of mineral reject was proposed; but beneficiation study was not proposed.	Analysis is being carried out regularly for maintaing the salable ore grade; being sold at mine head to the trader.
3j	Provision of drilling and blasting in mineral benches	Yes, deep hole drilling & blasting is proposed for 6-7m depth and 100m dia.	100m dia deep hole drilling & blasting is in usefor 6-7m depth and spacing & burden at 2.5m & 3.5m.
3k	Provision of mining machineries in mineral benches	Yes, backhoe excavators were proposed for excavation of blasted material.	Backhoe excavators of 0.9m ³ bucket capacity were proposed for excavation of blasted material. 350cfm compressor are in use for drilling of holes. 10t tippers are used for handling of OB and ore upto mobile crusher.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, it is shallow depth mining maximum upto 6m.	Yes, it is shallow depth mining maximum upto 6m with negligible overburden.
3m	Total area covered under excavation/pits	Total area proposed under pit was 41.75ha as per modified SOM.	Total area under pit was 45.00ha as on 01.04.2015 i.e. end of the year.
3n	Ore to OB ratio for the pit/mine during the year.	Ore to OB ratio was 10:1 as per modified SOM.	Ore to OB ratio was 10:1 during the year.

3o	Total area put in use under different heads at the end of year	Area under pit- 41.75ha, area under dump-3.50ha, roads - 2.50ha.	Area under pit- 45.00ha, area under dump-3.50ha, roads - 2.50ha at the end of 2014-15. The area occupied under dump was planned for re-handling to recover salable bauxite and reclamation of mined out area during 2015-16; however not started. Therefore, violation letter was issued.	
3p	Production of ROM mineral during the last five year period as applicable	Proposed production was 166930t, 154225t, 300000t, 30000t, 300000t from 2010-11 to 2014-15 respectively.	Actual production was 166930t, 49400t, 279135t, 288190t, 285500t from 2010-11 to 2014-15 respectively.	
3q	General remarks of inspecting officers on method of mining etc.	NIL	NIL	NIL

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Three old dumps are there within lease and proposed for re-handling to recover salable bauxite and reclamation of mined out area during 2015-16. Proposal for 2014-15 was for backfilling.	The dump re-handling not yet started. Therefore, violation letter was issued. Backfilling of mined out area from waste is continued over plateau and float ore area.	

4b	Location of topsoil, OB and mineral reject dumps	Topsoil generation was nil for plateau area during 2014-15. OB generation was planned for backfilling.	Topsoil generation was nil for plateau area during 2014-15. OB generated during mining was backfilled.	
4c	Number of dumps within lease area and outside of lease area	Three old dumps are there within lease and proposed for re-handling to recover salable bauxite and reclamation of mined out area during 2015-16.	The dump re-handling not yet started.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	It is shallow depth mining upto 5-6m and these three dumps are located adjoining to the pits.	The dumps re-handling was planned during 2015-16, but not yet started.	Violation letter issued.
4e	Number of active and alive dumps.	NIL	NIL	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	NIL	
4i	Length of Retaining wall or garland drain all along dumps	NIL	The dumps are proposed for re-handling during 2015-16.	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management	NIL	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.	Complete extraction of bauxite was proposed before start of backfilling in shallow depth deposit.	The bauxite thickness is 5-6m and it is fully mined out in single bench and thereafter backfilling is started.	
5b	Area under backfilling of mined out area	Yearly 1.0ha was proposed for backfilling.	An area over 29ha has been mined out or put in use under pit and almost 10ha void is available for backfilling. An area of 5.0ha is backfilled with 2.5m height.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Negligible or no topsoil is available on the plateau area.	Negligible or no topsoil is available on the plateau area. Topsoil for other areas was brought for survival of trees.	
5d	Total area fully reclaimed and rehabilitated	Total planned area was 10.0ha at the end of 2014-15.	Total reclaimed and rehabilitated area is 5.0ha at the end of 2014-15.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	Growth of plantation on rehabilitated area is good. Office building and labour mobile huts are erected over rehabilitated area. The baseline information of Plateau area was barren; which has been improved after mining of bauxite. Negligible backfilling is possible on remaining insitu plateau area with the available waste. Three old dumps are proposed to re-handle for recovery of salable bauxite and backfilling with waste during 2015-16. Plateau part will be backfilled with 0.3m height.	

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).	It should be on or before 1st July every year.	Yes, it is submitted in the office on the 22nd July 2015.
6b	Area available for rehabilitation (ha) .	More area was degraded than planned in approved scheme of mining and modified scheme of mining was approved in January 2015. An area of 18ha was proposed at the end of 2013-14, which was increased to 29ha at the end of 2013-14.	It is now found as per modified scheme of mining approved in January 2015. An area of 41.75ha was put in use for mining and 5.20ha was reclaimed & rehabilitated. Void available for rehabilitation was around 10ha plateau area.
6c	afforestation done (ha).	Cumulative afforestation carried out over 5.0ha and every year 1.0ha was proposed.	Cumulative afforestation carried out so far as on 01.04.2015 is 5.0ha and 1.0ha area was covered during 2014-15.
6d	No. of saplings planted during the year	Proposal was to plant 2000 trees during the year.	Actual plantation was 2500 trees.
6e	Cumulative no .of plants	Proposal was to plant 2000 trees every year in the last scheme of mining from 2010-11 to 2014-15.	Cumulative number of plants are 11700 as on 01.04.2015 since grant of lease.
6f	Any other method of rehabilitation	NIL	NIL, it is a shallow deposit and rehabilitation by partial backfilling and planing trees is being followed.
6g	Cost incurred on watch and care during the year	Cost is not indicated or asked in the annual report.	Cumulative cost incurred on backfilling and plantation was 24.79 lacs and 2.9 lacs.

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	It was proposed that 18ha area will be put under mining and around 10ha area will be available for rehabilitation . The proposed available void was 1500m X 650m X 6m.	An area of 29ha was degraded and partly used for stacking cement grade bauxite, partly under roads, mining machineries, further advancement of faces and around 5.0ha was reclaimed and rehabilitated. Office premises is shifted over rehabilitated area.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Available was top layer of laterite; which is low in alumina. It was proposed to backfill the waste with a height of 0.3m.	Total waste generated since beginning of mining operations was 269400t and it was used for reclamation of 5.0ha mined out land. An average 2.5m height was attained after backfilling of waste.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Yearly 2000 nos trees were proposed over reclaimed area.	Around 2500 trees were planted during 2014-15 over reclaimed area and cumulative plantation was 11700 trees.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly environment monitoring is required and report has to be sent to IBM Regional office.	Quarterly environment monitoring is carried out through private agency.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	Growth of plantation on rehabilitated area is good. Office building and labour mobile huts are erected over rehabilitated area. The baseline information of Plateau area was barren; which has been improved after mining of bauxite.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting of ore is proposed within lease area.	Grade-wise sorting of ore is carried out within lease area during crushing & screening operation. Mineral is screened in -12mm size and +12mm size. Alumina grade is +12mm and cement grade is -12mm.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical diesel operated mobile screen plants are proposed.	Three mechanical diesel operated mobile screen plants are in use.	

7c	Different grade of mineral sorted out at mines.	The grades of bauxite estimated in the mining plan are +40-45% Al ₂ O ₃ , +45-50% Al ₂ O ₃ and +50-55% Al ₂ O ₃ .	The grades of bauxite reported in the annual return of 2014-15 are +40-45% Al ₂ O ₃ and +45-50% Al ₂ O ₃ . Cement grade bauxite production was not reported during the year; although it is incidental while screening due to high silica. During 2013-14, -40% Al ₂ O ₃ , +40-45% Al ₂ O ₃ , +45-50% Al ₂ O ₃ and +50-55% Al ₂ O ₃ grade was reported under production.
7d	Any beneficiation process at mines .	No	No, mechanical crushing and screening is carried out by three diesel operated mobile plants.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	The nearby cement plants in Bagalkot and Gulbarga district started buying laterite, a minor mineral and therefore, stacks of fines of cement grade bauxite are lying within lease area.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Topsoil generation is not there on insitu plateau area.	Topsoil generation is not there on insitu plateau area. Float ore mining started during the year 2015-16 and topsoil is concurrently backfilled at the site of excavtion after removal of embedded boulders of bauxite.	
8b	Concurrent use or storage of topsoil	Topsoil generation is not there on insitu plateau area.	Topsoil generation is not there on insitu plateau area. Float ore mining started during the year 2015-16 and topsoil is concurrently backfilled at the site of excavtion after removal of embedded boulders of bauxite.	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal was to backfill the waste inside the mined out area.	Topsoil generation is not there on insitu plateau area. Float ore mining started during the year 2015-16 and topsoil is concurrently backfilled at the site of excavtion after removal of embedded boulders of bauxite. Mineral reject, which is fines after screening is low in alumina and high silica is sold to cement plants. Its stacks are lyings inside the pits due to less demand from cement plants using nearby available laterite at cheaper rate.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Negligible waste generation is there from insitu mining and it is planned for backfilling for restoring the land.	Mined out area has been backfilled with available waste material and topsoil was brought from outside for survival of trees planted.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Phased restoration, reclamation and rehabilitation of land affected by mining operations has been proposed; as depth of deposit is shallow upto 6m with negligible soil/OB.	Lessee has reclaimed & rehabilitated 4.0ha area after mining.

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Existence of plantation is there on slopes of the hillocks and initially mining operations were commenced on plateau part; which was barren with negligible plantation. Additional plantation was proposed after mining over reclaimed area.	Additional plantation has been carried out over mined out plateau part of area. Float ore mining was started from 2014-15 onwards and around 2.0ha area. Total 2500 trees were planted during the year.
8g	Survival rate	Proposed survival rate was 77-80%.	Actual survival rate is 77% since last five years. Plantation carried out from 2010-11 to 2014-15 was 2100, 2200, 2600, 3800, 2500 trees.
8h	Water sprinkling on roads to control airborne dust	Proposal is there for water sprinkling on the haul road upto nearby village road connecting mine; which is 4-5kms long.	Regular water sprinkling is carried out inside the mine roads and village road with three water tankers of 8000 liters.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil	Present mining area is on top of the hillock at 1020msl and the plateau part is flat land with negligible trees and slope of the hillock are having dense trees. Forest land is adjoining to lease area is eastern direction. Lessee has made drainage channel all along the approach road to safe guard the cutting during monsoon.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Annual return of mine for year 2014-15 submitted in online system on 28.09.2015. Monthly returns are submitted in online system upto January 2016.	All the returns are submitted online.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Appointment of Mining Engineer is not reported in the A.R. of 2014-15.	Shri Guru Kiran, graduate in mining engineering with FCC certificate is working as Mining Engineer in the mine.	It is included in V/L of rule 45(5)(b).
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under current working pit- 9ha, already exploited & abandoned - 45ha, Reclaimed & rehabilitated - 2ha, Used for waste disposal - 3.5ha, Occupied by plant/building, residential, welfare building & roads - 2ha.	Float ore mining is started during the year and therefore, area exploited & abandoned increased during the year. It has been reclaimed during 2015-16. Area occupied by roads is 2.0ha as office building is over minedout reclaimed area.	
9d	Scrutiny of Annual return on afforestation	2500 nos trees planted are reported in the A.R.	Yes, trees are planted over mined out reclaimed area on plateau land.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Generation of 25,000t mineral reject of 28% Al ₂ O ₃ grade is indicated.	The grade of mineral reject should be more than threshold limit i.e 30% Al ₂ O ₃ . Mineral reject is a part of ROM material. Separate stacks of mineral reject were not observed. Aluminous laterite waste generation is there; which is backfilled.	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM opening stock from opencast workings - 41535t, Production - 285500t and closing stock - 32109t. Grade-wise opening stock of 41% Al2O3 - 20213t, Production - 103000t and closing stock - 14157.34t. Grade-wise opening stock of 46% Al2O3 - 21323t, Production - 182500t and closing stock - 17952.25t.	ROM and grade-wise production reported in A.R. is in order.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale value of 41% Al2O3 is Rs. 486.23/- and 46% Al2O3 is Rs. 641.68/-. Ex. mine price of 41% Al2O3 is Rs. 486.23/- and 46% Al2O3 is Rs. 641.68/-. Production cost - Rs. 385.91/-.	Sale value and Ex. mine price are same; as bauxite is sold to trader before final end use in Alumina plant at Belgaum. The trader M/s Bhoomi Resources Pvt. Ltd. is raising contractor also at mines. The vale of mineral reported by M/s Hindalco Industries Ltd. by purchase from Bhoomi Resources Ltd. is Rs.1428/- and Rs.1341/- in Dec2015 and Jan 2016 returns. The transportation cost from mines to Belgaum plant is around Rs.900 per tonne for 180kms distance and toll tax on NH road is around Rs.50/-.	Sale value and Ex. mine price are same; as bauxite is sold at pit head to trader before final end use in Alumina plant at Belgaum. Hindalco is indicating valur of mineral Rs.650/t from captive mines and Rs. 1400/- by purchase; which shows that transporatation is not included.
9h	Scrutiny of Annual return on fixed assets	Fixed assests detail is not given; however own capital as source of finance is indicated Rs. 156000000/-	All the fixed assests ie.building & machineries belongs to M/s Bhoomi Resources Pvt. Ltd. Total land is waste land as per return.	

9k Scrutiny of Annual return on mining machineries Two hydraulic shovels of 0.9cum bucket, two air compressor of 350cfm, two tippers of 3.8cum and three water tanker of 8000 ltrs are indicated. Use of three mobile crushing & screening plant are not reported in the return.

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
Rule 13(1)	02/03/2016				
Rule 45(5)(b)	02/03/2016				

Date :**(JANGID G K)**

Indian Bureau of Mines