INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT AND REGULATION DIVISION

Mining Plan Modification REPORT

Goa regional office

Mine file No : GOA/FE/145 **Mine code : 30GOA01266**

(i) Name of the Inspecting Officer and ID No. : **KQ3) G. S. KANNAN**

(ii) Designation : Junior Mining Geologist

(iii) Accompaning mine Official with Designation : Shri.A.K.Dash, Geologist

(iv) Date of Inspection : 16/10/2017

(v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SANQUELIM (12/AMLG(ML-3)/**

(b) Registration NO. : **IBM/327/2011**

(c) Category : A Mechanised

(d) Type of Working : Opencast

(e) Postal address

State : GOA

District : NORTH GOA

Village : MAULINGEM

Taluka : BICHOLIM

Post office :

Pin Code :

FAX No. :

E-mail :

Phone :

(f) Police Station : SANQUELIM

(g) First opening date : 25/07/2017

(h) Weekly day of rest : SUN

2. Address for correspondance :

3. (a) Lease Number :

(b) Lease area :

(c) Period of lease :

(d) Date of Expiry :

4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : VEDANTA LIMITED
P.O.Box 125 Sesa Ghor, 20
EDC Complex Patto Plaza,
Panajim NORTH GOA GOA
Phone:0832-6713600
FAX :0832-6713721

Owner : M/S VEDANTA LTD
SESA GHOR PATTO ,PANAJI,GOA
NORTH GOA GOA
Phone:
FAX :

6. Date of approval of Mining Plan/Scheme of Mining :

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	CAD:- The proposal was to drill 3 boreholes with 270m in Previous approved Plan MAC:- No Proposal CGT:- No Proposal	CAD:- 1 Borehole has been drilled with 55m MAC:- Nil CGT:- 3 Borehole has been drilled with 166m	CAD/ CGT:- Form-J has been submitted MAC:- Entire Ore body is mined out
1b	Exploration over lease area for geological axis 1 or 2	CAD:- Additional exploration of 3 boreholes proposed for 2017-2018. MAC:- No Proposal CGT:- No Proposal	CAD:- 1 Borehole has been was drilled during 2016-2017. Area explored under G-1 category is 32.62 hect. Total 137 boreholes were drilled with 7854m drilling. MAC:- Total 52 boreholes were drilled with 2063m drilling. CGT:- 3 Borehole were drilled during 2016-2017. Total 17 boreholes were drilled with 1475m drilling.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	CAD, MAC, CGT:- Own drilling and/ or Contract drilling machines were used for Exploration in the past.	CAD:- Total 137 boreholes were drilled. Total Rs. 90 lacs were spent on exploration. MAC:- Total 52 boreholes were drilled. Total Rs. 103 lacs were spent on exploration. CGT:- Total 17 boreholes were drilled. Total Rs. 44 lacs were spent on exploration.	CAD:- 1 Boreholes has been drilled during 2016-2017 with 55m and Rs. 0.68 lakhs has been spend CGT:- 3 Boreholes has been drilled during 2016-2017 with 166m and Rs. 2.0 lakhs has been spend

1d	Balance area to be explored to bring Geological axis in 1 or 2	CAD:- Exploration was carried out at 50m X 50m grid interval. Additional exploration was proposed during 2017-2018 and next plan period MAC:- No Proposal CGT:- No Proposal	CAD:- Balance area of 47 hect area has to be explored for availability of ore from G-3/G-2 to G-1. MAC:- Nil CGT:- Balance area of 15 hect area has to be explored for availability of ore from G-3/G-2 to G-1.	CAD/ CGT:- Exploration was carried out at 50m X 50m grid interval.
1e	Balance reserve as on 01/04/20	As on 01.04.2017 CAD:- (111) = 1.341 Mil.Tons (122) = 0.174 Mil.Tons (211) = 0.274 Mil.Tons (221) = 0.476 Mil.Tons (331) = 0.691 Mil.Tons (332) = 1.956 Mil.Tons MAC:- (111) = 0.09 Mil.Tons (122) = 0.27 Mil.Tons (221) = 0.29 Mil.Tons (331) = 0.39 Mil.Tons (332) = 0.37 Mil.Tons CGT:- (111) = 0.032 Mil.Tons (211) = 0.011 Mil.Tons (221) = 0.759 Mil.Tons	As on 01.04.2017 CAD:- (111) = 1.351 Mill Tons (122) = 0.174 Mill Tons (211) = 0.274 Mill Tons (221) = 0.476 Mill Tons (331) = 0.691 Mill Tons (332) = 1.956 Mill Tons MAC:- (111) = 0.09 Mill Tons (122) = 0.27 Mill Tons (221) = 0.29 Mill Tons (331) = 0.39 Mill Tons (332) = 0.37 Mill Tons CGT:- (111) = 0.032 Mill Tons (211) = 0.011 Mill Tons (221) = 0.759 Mill Tons	There is no Production proposal in Macarxendo (MAC) Lease and Cance Galle Tolop (CGT) Lease

1f	General remarks of inspecting officers on geology, exploration etc	This deposit falls under Sanquelim North Goa deposit.	The general Structure of Ore body is tightly folded into synclinal troughs associated with phyllitic, limonitic.	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	CAD:- Between section 5-5' to 12-12' MAC:- Between section -19 to -20 CGT:- Sardigna Pit	CAD:- Between section 5-5' to 12-12' MAC:- Nil CGT:- Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	CAD:- 7 Bench's Proposal in OB and Minerals MAC:-1 Bench Proposal in OB CGT:- Proposed to handled backfilled material from Sardigna Pit	CAD:- Systematic mining with separate benches of OB and Ore are maintained. MAC:- Nil CGT:- Nil	
2c	Stripping ratio or ore to OB ratio	CAD:- 1 : 3.09 MAC:- No Proposal CGT:- No Proposal	CAD:- 1 : 6.45 MAC:- Nil CGT:- Nil	Macarxendo (MAC) Lease and Cance Galle Tolop (CGT) Lease there is no proposal of production, so the stripping ratio is nil
2d	Quantity of topsoil generation in m3	CAD:- No Proposal MAC:- No Proposal CGT:- No Proposal	CAD:- Nil MAC:- Nil CGT:- Nil	

2e	Quantity of overburden generation in m3	CAD:- 618970 Tons MAC:- 4000 Tons CGT:- 17600 tons	CAD:- 672240 Tons MAC:- Nil CGT:- Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	CAD:- Proposed 291500 tons of OB during 2016-2017 MAC:- Proposed 4000 tons of OB during 2016-2017 CGT:- Proposed 17600 tons of backfilled materials to handle during 2016-2017 in sardigna pit	MAC:- Achieved 672240 tons of OB during 2016-2017 MAC:- Nil CGT:- Nil	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	CAD:- Proposed in Napoli Pit MAC:- No Proposal CGT:- No Proposal	CAD:- As per proposed the working was carried out in Napoli Pit MAC:- Nil CGT:- Nil	
3b	Quantity of ROM mineral production proposed	CAD:- 200000 tons MAC:- No Proposal CGT:- No Proposal	CAD:- 104213 tons of ROM production was reported during the year. MAC:- Nil CGT:- Nil	
3c	Recovery of sailable/usable mineral from ROM production	CAD:- The recovery of ore from ROM was planned 88% after screening. MAC:- No Proposal CGT:- No Proposal	CAD:- ROM quantity of 104213 tons. The recovery of ore from ROM is 75%. MAC:- Nil CGT:- Nil	

3d	Quantity of mineral reject generation	CAD:- 24758 tons MAC:- No Proposal CGT:- No Proposal	CAD:- 26830 Tons MAC:- Nil CGT:- Nil	
3e	Grade of mineral rejects generation and threshold value declared.	CAD:- Grade - 54% Fe MAC:- No Proposal CGT:- No Proposal	CAD:- Grade 50% Fe MAC:- Nil CGT:- Nil	
3f	Quantity of sub grade mineral generation.	No Proposal	Nil	
3g	Grade of sub grade mineral generation	No Proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Dry Mobile screening was proposed for grade-wise production.	Dry Mobile screening was using for grade-wise production.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting was not proposed.	Nil	Drilling and blasting is not carried out and ripper dozer is Proposed for excavation.

3k	Provision of mining machineries in mineral benches	CAD:- Excavator- 3 No Ripper Dozer - 1 No Truck - 10No Dumper- 3 Nos W/ Loader - 1 No Water tanker - 1 No MAC:- Excavator- 2 No Ripper Dozer - 1 No Truck - 20No W/ Loader - 1 No Water tanker - 1 No CGT:- Excavator- 1 No Ripper Dozer - 1 No Truck - 20No W/ Loader - 1 No Water tanker - 1 No	Machineries are present as per proposal	Mining Machineries are common for all the three lease
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height of 6m was proposed.	Bench height & width are maintain as per proposal	
3m	Total area covered under excavation/pits	CAD:-36.00 hect area is under Pit MAC:-13.93 hect area is under pit CGT:- 3.18 hect area is under pit	CAD:- 36.00 hect area is under Pit MAC:-13.93 hect area is under pit CGT:- 3.18 hect area is under pit	

3n	Ore to OB ratio for the pit/mine during the year.	CAD:- 1 : 3.09 MAC:- No Proposal CGT:- No Proposal	CAD:- 1 : 6.45 MAC:- Nil CGT:- Nil
3o	Total area put in use under different heads at the end of year	Land use Pattern as on 01.04.2017. CAD:- Mines = 36.00 hect Dump = 25.81 hect Infrastructure = 0.757 hect Road = 1.48 hect MAC:- Mines = 13.93 hect Dump = 29.03 hect Infrastructure = 0.469 hect Road = 1.10 hect CGT:- Mines = 3.18 hect Dump = 6.03 hect Road = 0.96 hect	Land use Pattern as on 01.04.2017. CAD:- Mines = 36.00 hect Dump = 25.81 hect Infrastructure = 0.757 hect Road = 1.48 hect MAC:- Mines = 13.93 hect Dump = 29.03 hect Infrastructure = 0.469 hect Road = 1.10 hect CGT:- Mines = 3.18 hect Dump = 6.03 hect Road = 0.96 hect

3p	Production of ROM mineral during the last five year period as applicable	CAD:- 2016-2017 = 200000 tons 2015-2016 = 90000 tons 2014-2015 = Nil 2013-2014 = Nil 2012-2013 = Nil MAC:- 2016-2017 = Nil 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil 2012-2013 = 10000 Tons CGT:- 2016-2017 = Nil 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil 2012-2013 = 24480 Tons	CAD:- 2016-2017 = 104213 tons 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil 2012-2013 = Nil MAC:- 2016-2017 = Nil 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil 2012-2013 = Nil CGT:- 2016-2017 = Nil 2015-2016 = Nil 2014-2015 = Nil 2013-2014 = Nil 2012-2013 = Nil	During the Period Sep 2012 to Oct 2015, the Mine was not working due to statutory order. Macarxendo (MAC) & Cance Galle Tolop (CGT) deposit is almost exhausted. No Production is proposed
3q	General remarks of inspecting officers on method of mining etc.	Nil	Nil	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	CAD:- There is no Top soil, only Mineral rejects is proposed to stock and OB is proposed to backfill in working pit as temporary. MAC:- Surface dumping proposed in section -16 CGT:- Surface dumping proposed in section -1 to 4	CAD:- Separate temporary backfilling of waste inside the bottom pit is carried out during the year 2016-2017. MAC:- Nil CGT:- Nil
4b	Location of topsoil, OB and mineral reject dumps	CAD:- Dump-1:- Section 10 to 13 Dump-2:- Section 9 to - 6 Dump-3:- Section -8 to -2 Dump-4:- Section -1 to 2 Dump-5:- Section 3 to 7 MAC:- Dump-1:- Section -6 to -9 Dump-2:- Section -13 to -17 Dump-3:- Section -8 to -21 CGT:- Dump-1:- Section 12 to 15 Dump-5:- Section 5 to 15	CAD:- Dump-1:- Section 10 to 13 Dump-2:- Section 9 to -6 Dump-3:- Section -8 to - 2 Dump-4:- Section -1 to 2 Dump-5:- Section 3 to 7 MAC:- Dump-1:- Section -6 to - 9 Dump-2:- Section -13 to -17 Dump-3:- Section -8 to - 21 CGT:- Dump-1:- Section 12 to 15 Dump-5:- Section 5 to 15

4c	Number of dumps within lease area and outside of lease area	CAD:- Lease area = 5 Dumps Non Lease area = Nil MAC:- Lease area = 3 Dumps Non Lease area = Nil CGT:- Lease area = 2 Dumps Non Lease area = Nil	CAD:- Lease area = 5 Dumps Non Lease area = Nil MAC:- Lease area = 3 Dumps Non Lease area = Nil CGT:- Lease area = 2 Dumps Non Lease area = Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	CAD:- No external dumping was proposed; however temporary backfilling was proposed, which is within UPL MAC:- Surface Dumping outside UPL CGT:- Surface Dumping outside UPL	CAD:- No external dumping was Carried out; however temporary backfilling was done, which is within UPL MAC:- Nil CGT:- Nil
4e	Number of active and alive dumps.	CAD:- Active Dump = Four Alive Dump = Nil MAC:- Active Dump = Nil Alive Dump = Nil CGT:- Active Dump = Nil Alive Dump = Nil	CAD:- Active Dump = Four Alive Dump = Nil MAC:- Active Dump = Nil Alive Dump = Nil CGT:- Active Dump = Nil Alive Dump = 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.	CAD/ MAC/ CGT:- Garland drain, Settling Pond was proposed to maintain & cleaned on different terraces of Backfilled area to avoid wash-off.	CAD/ MAC/ CGT:- Garland drain is made on terraces of backfilled area to avoid wash-off.	
4i	Length of Retaining wall or garland drain all along dumps	CAD/ MAC/ CGT:- Garland drain, Settling Pond was proposed to maintain & cleaned on different terraces of Backfilled area to avoid wash-off.	CAD/ MAC/ CGT:- Garland drain is made on terraces of backfilled area to avoid wash-off.	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

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.	CAD:- Due to non-availability of area, it is proposed for Temporary backfilling within Pit. MAC:- Surface Dumping CGT:- Surface Dumping	CAD:- Temporary backfilling has done MAC:- Nil CGT:- Nil	
5b	Area under backfilling of mined out area	CAD:- 3.08 hect MAC:- 1.05 hect CGT:- No Proposal	CAD:- 3.00 hect MAC:- Nil CGT:- Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	Nil	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

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).	It should be on or before 1st July every year.	Submitted	

6b	Area available for rehabilitation (ha) .	CAD:- Mineral is persisting in bottom pit and temporary backfilling is proposed in it. MAC:- No Proposal CGT:- No Proposal	CAD:- Temporary backfilling is carried out in pit MAC:- Nil CGT:- Nil	MAC:- 29.39 hect Reclaimed area
6c	afforestation done (ha).	No Proposal	Nil	18.7050 hect (Sanquelium Lease including three leases)
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	No proposal	Nil	774341 saplings has planted cumulative (Sanquelium Lease)
6f	Any other method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch and care during the year	Nil	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	CAD:- 250m X120m X10m MAC:- No Proposal CGT:- No Proposal	CAD:- 250m X120m X10m MAC:- Nil CGT:- Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	CAD:- 618970 tons MAC:- 4000 tons CGT:- 17600 tons	CAD:- 672240 tons MAC:- Nil CGT:- Nil	

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil
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 Carried out as per CPCB/ MoEFCC guidelines	Quarterly environment monitoring is carried out through own as well as private agency.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	Nil	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	CAD:- As per approved mining plan proposed 200000 tons of ROM was classified as +54% Fe and below 54% Fe is considered as mineral reject due to low market price. MAC:- No Proposal CGT:- No Proposal	CAD:- 104213 Tons of ROM achieved. MAC:- Nil CGT:- Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	CAD:- Mechanical processing i.e. dry screening was proposed for grade-wise production. MAC:- No Proposal CGT:- No Proposal	CAD:- Mechanical processing i.e. dry screening was proposed for grade-wise production. MAC:- Nil CGT:- Nil	

7c	Different grade of mineral sorted out at mines.	CAD:- As per approved mining plan proposed 200000 tons of ROM was classified as +54% Fe and below 54% Fe is considered as mineral reject due to low market price. MAC:- No Proposal CGT:- No Proposal	CAD:- As per approved mining plan ROM was classified as +54% Fe and below 50% Fe is considered as mineral reject due to low market price. MAC:- Nil CGT:- Nil	
7d	Any beneficiation process at mines .	CAD:- Mechanical processing i.e. dry screening was proposed for grade-wise production. MAC:- No Proposal CGT:- No Proposal	CAD:- Mechanical processing i.e. dry screening was proposed for grade-wise production. MAC:- Nil CGT:- Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	Nil	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	

8b	Concurrent use or storage of topsoil	No Proposal	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Existence of plantation is there along the road and other part of lease area. Additional plantation is not proposed during the year.	Existence of plantation is there along the road and other part of lease area. Additional plantation is not proposed during the year
8g	Survival rate	No Proposal	Survival rate is around 60%.
8h	Water sprinkling on roads to control airborne dust	Yes, it is proposed for water sprinkling on haul roads.	Water sprinkling on road is observed

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil	Surrounding area beyond lease area is greenery and lessee has carried out plantation along road etc.	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR Submitted up to = September 2017 AR Submitted up to = 2016-2017	Both Annual & Monthly returns are submitting in online system.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Technical Persons are appointed	Nil	Technical Persons are common for Sanquelim Lease

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use Pattern as per A.R. CAD:- Mines = 36.00 hect Dump = 25.81 hect Infrastructure = 0.757 hect Road = 1.48 hect MAC:- Mines = 13.93 hect Dump = 29.03 hect Infrastructure = 0.469 hect Road = 1.10 hect CGT:- Mines = 3.18 hect Dump = 6.03 hect Road = 0.96 hect	Land use pattern as per approved modified mining plan and AR are coinciding
9d	Scrutiny of Annual return on afforestation	Within Lease = Nil Outside Lease = Nil	Within Lease = Nil Outside Lease = Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	CAD:- Achieved 26380 tons with <50 Fe % MAC:- No Proposal CGT:- No Proposal	CAD:- Proposal is for below <54% Fe whereas in filled considered <50% Fe MAC:- Nil CGT:- Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	CAD:- ROM Stack = 104213 tons MAC:- No Proposal CGT:- No Proposal	CAD:- Closing stock has been wrongly given and A.R has been referred back MAC:- Nil CGT:- Nil

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	CAD:- Production cost is Rs.1603/- MAC:- Nil CGT:- Nil	Nil	
9h	Scrutiny of Annual return on fixed assets	Fixed assets have filled	Nil	
9k	Scrutiny of Annual return on mining machineries	Backhoe, wheel loader, dozer, truck & Pump	All machineries are available in site	Sanquelim Lease consist of Chireachea Ambeacodil Dongurli (CAD) Lease, Macarxendo (MAC) Lease, Cance Galle Tolop (CGT) Lease

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 :

(**G. S. KANNAN**)

Indian Bureau of Mines