## MCDR INSPECTION REPORT

#### **General**

| =  | <u>General</u>   |  |  |  |  |  |
|----|--|--|--|--|--|--|
| SN | Particulars  | Details  |  |  |  |  |
| 1  | File no  |  |  |  |  |  |
| 2  | Name of the Inspecting Officer   | Sri.Vikram Prakash Deshpande, ACOM, BBSR   |  |  |  |  |
| 3  | Name of the Mine   | Kalarangiatta Chromite Mine  |  |  |  |  |
| 4  | Total Lease Area (Ha) with breakup of Non-<br>forest and forest land                                       | 23.800 Ha, Non Forest: -NIL- Ha, Forest: 23.800 Ha.  |  |  |  |  |
| 5  | Mine code  | 11ORI19022   |  |  |  |  |
| 6  | Date of Inspection   | 26.12.2023   |  |  |  |  |
| 7  | Name of official accompanying inspection   | Sri. Muthumari M(Agent & Head O & M )  |  |  |  |  |
|    |  | Sri.Saraswata Nanda,Manager(Mines)   |  |  |  |  |
|    |  | Sri.Avijit Bhunia,(Head-Geotech & Technical  |  |  |  |  |
|    |  | Services)  |  |  |  |  |
|    |  | Sri.S.K.Biswal(Geologist),   |  |  |  |  |
|    |  | Sri P.K.Nayak , Surveyor   |  |  |  |  |
| 8  | IBM Registration Number under rule 45 of MCDR, 1988  | IBM/173/2011   |  |  |  |  |
| 9  | Name of the lessee, Address, phone, email and  | M/s. Ferro Alloys Corporation Ltd., Kalarangiatta  |  |  |  |  |
|    | fax number   | Chromite Mines.  |  |  |  |  |
| 10 | Village  | Kalarangiatta  |  |  |  |  |
| 11 | Taluka/Mandal  | Sukinda  |  |  |  |  |
| 12 | District   | Jajpur   |  |  |  |  |
| 13 | Pin code   | 755028   |  |  |  |  |
| 14 | State  | Odisha   |  |  |  |  |
| 15 | Post office  | Kaliapani  |  |  |  |  |
| 16 | Nearest police station   | Kaliapani  |  |  |  |  |
| 17 | Nearest Railway station  | Jajpur- Keonjhar Road.   |  |  |  |  |
| 18 | Date of Grant of Mining Lease  | 03.11.2001   |  |  |  |  |
| 19 | Date of Execution  | 18.04.2008   |  |  |  |  |
| 20 | Date of opening of Mine  | 03.08.2009   |  |  |  |  |
| 21 | Date of first Renewal, if applicable and its period & expiry   | Not Applicable   |  |  |  |  |
| 22 | Date of second Renewal, if applicable and its period & expiry  | No Applicable  |  |  |  |  |
| 23 | Date of submission of renewal application if<br>Mining Operations are continuing under deemed<br>extension | Not Applicable   |  |  |  |  |
| 24 | Name of the Nominated Owner with Address, phone, email, fax number and date of appointment                 | Sri Pankaj Kumar Sharma (Nominated Owner & Director) M/s FACOR LTD Chrome Ore Mining Division, D.P.Nagar,Bhadrak-756135(ODISHA) 06784-242170       |  |  |  |  |
| 25 | Name of the Mine Agent with Address, phone, email, fax number and date of appointment                      | Sri. Muthumari M Agent & Head O & M (Mines) Ferro Alloys Corporation Ltd D.P Nagar, Randia Post: Bhadrak, Odisha Mail id:facor.mines@vedanta.co.in |  |  |  |  |

| 26 | Name of the Mines Manager with email, fax number and date of ap   |  | Sri. Saraswata Nanda(B.E) Mining 16 years experience Kalarangiatta Chromite Mines, M/s.Facor Ltd Post: Kalarangiatta, Dist: Jajpur-755028 Ph.no. 9437494538 Email: Saraswata.Nanda@vedanta.co.in Date of Appointment: 03.06.2022 |
|----|---|--|--|
| 27 | Name of the Mining Engineer<br>& Geologist, Qualification and<br>total experience   | Mining engineer<br>Qualification<br>Date of appointment<br>Address phone/email | Sri. Saraswata Nanda(B.E) Mining 16 years experience Kalarangiatta Chromite Mines, M/s.Facor Ltd Post: Kalarangiatta, Dist: Jajpur-755028 Ph.no. 9437494538 Email: Saraswata.Nanda@vedanta.co.in Date of Appointment: 03.06.2022 |
|    |   | Geologist<br>Qualification<br>Date of appointment<br>Address phone/email       | Sri S.K.Biswal,(Geologist) 17 Years Experience. Kalarangiatta Chromite Mines, M/s.Facor Ltd Post: Kalarangiatta, Dist: Jajpur-755028 Ph.no.943796738 Date of Appointment. 25.04.2015 Email: Susanta.Biswal@vedanta.co.in         |
| 28 | Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.           |  | Sri S.K.Biswal,(Geologist) 17 Years Experience. Kalarangiatta Chromite Mines, M/s.Facor Ltd Post: Kalarangiatta, Dist: Jajpur-755028 Ph.no.943796738 Date of Appointment. 25.04.2015 Email: Susanta.Biswal@vedanta.co.in         |
| 29 | Date of Approval of Review of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any. |  | 314(3)/2005-MCCM©/MP-11,dtd.<br>06.10.2005   |
| 30 | Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any. |  | Modification of Review of Mining Plan<br>Vide Letter No.MRMP/A/09-ORI/BHU/<br>2021-22/665, dtd. 29.07.2021   |
| 31 | Mineral(s) granted in lease and p   | roved for mining   | Chromite   |
| 32 | Method of Mining(Opencast, Un   | <u> </u>   | Opencast   |
| 33 | Category (Fully Mechanized, Otl   | hers or Manual)  | 'A' Fully Mechanized   |
| 34 | Captive/Non Captive   |  | Captive  |
| 35 | Environment Clearance grant dat   | e & limit of EC  | 13.05.209, 50000 MT  |
| 36 | СТО   |  | 17.03.2022, validity upto 31.03.2023, 50000 MT   |

Exploration

| S.N | Item   | Proposals(2022-<br>23)   | Actual work   | Remarks  |
|-----|--|--|---|--|
| 1a  | Backlog of previous year   | 5Nos/1023Mtrs  | -NIL-/-NIL-   | G1: 9.60 Ha mineralized G1: 14.20 Ha non- mineralized Total: 23.800 Ha under G1 level. |
| 1b  | Exploration over lease area for Geological axis 1 or 2.            | 23.800На   | 23.800На  |  |
| 1c  | Exploration Agency & Expenditure in lakh Rupees during the year    | Rs- 3328464/-  | -NIL-   |  |
| 1d  | Balance area to be explored to bring Geological axis in 1 or 2     | Nil  | -NIL-   | Total area explored under G-1 category.  |
| 1e  | Balance reserves as on 01.04.2023 (in MT)                          |  | As on<br>01.04.2023<br>(111)<br>383703.02 Tons<br>(121&122)<br>429940.80<br>Total:<br>813643.82Tons | As per the Annual<br>Report submitted for<br>the year 2022-23.                         |
| 1f  | General remarks of inspecting officer on geology, exploration etc. | The Chromite deposits of Sukinda valley ultramafic field occurs as six more or less parallel bands in Serpentinite. These Chromite bands are locally named as Band 1,2,3,4,5 & 6 and are separated from each other by Serpentinite /Pyroxenite ranging in thickness 120 M to 600 M. The Chromite bands occur in Northern limb of the fold shows the strike E – W to ESE – WNW, dipping 10° – 60° towards south to SSW while those of Southern limb shows the strike NE – SW to WSW dipping 45° – 85° towards NW to NNW. However, Band No.6 of Southern limb show steep dip towards South from the disposition and characteristic of Chromite Ore bodies, i suggests that the ore body is a stratiform type of deposit. |   |  |

<u>Development</u>

| DEVELO | <u>эеченоринен </u>   |   |   |   |  |  |
|--------|---|---|---|---|--|--|
| S.N.   | Item  | Proposals   | Actual work   | Remarks   |  |  |
| 2a     | Location of development w.r.t. lease area                     | 369085E-369427E<br>2324538N-<br>2324932N                | 369085E-<br>369427E<br>2324538N-<br>2324932N                                | Development done within the area as per proposal. |  |  |
| 2b     | Separate benches in topsoil, overburden and mineral (Rule 15) | Separate benches in<br>overburden &<br>mineral proposed | Separate benches were maintained in overburden & mineral during inspection. | Ore / Mineral<br>1No<br>Waste 8 Nos.              |  |  |

| 2c | Stripping ratio or ore to OB ratio  | 1:2.60(Ton/M <sup>3)</sup>   | 1:7.21(Ton/M <sup>3)</sup> | ROM<br>Ore:49759Ton<br>s<br>Waste:359000<br>M³<br>Ore:OB<br>Ratio:1:2.69(T<br>on/M³ |
|----|---|--|----------------------------|---|
| 2d | Quantity of topsoil generation in m <sup>3</sup>  | 1800M <sup>3</sup>   | 1700M <sup>3</sup>         | Less quantity generated   |
| 2e | Quantity of overburden/waste generation in m <sup>3</sup>                               | 3.91Lac M <sup>3</sup>   | 3.59Lac M <sup>3</sup>     | Less OB<br>achieved vis-à-<br>vis the<br>production of<br>ROM.                      |
| 2f | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. | The mine workings have been discontinued since 26/01/2023 on the orders of Hon'ble High of Odisha. The mine workings were confined to 1 pit. |                            |   |

## **Exploitation**

| S.N. | Item                                   | Droposalo                | Actual work                         | Remarks        |
|------|--|--------------------------|-------------------------------------|----------------|
| 3a   |  | Proposals One pit was    |                                     | Remarks        |
| ) Jd | Number of pits proposed for production | One pit was proposed for | Actual workings were carried out in |                |
|      | production                             | production               | 1 pit only as per the               |                |
|      |  | production               | proposal.                           |                |
| 3b   | Quantity of ROM                        | 1.50 Lac MT              | 0.497Lac MT                         | Production has |
|      | production                             | 1.50 Luc 1411            | 0.457 Lac 1411                      | been within EC |
|      | production                             |                          |                                     | capacity.      |
| 3c   | Recovery of salable/usable             | 42%                      | 42%                                 | capacity       |
|      | mineral from ROM                       | .=/0                     | .=/0                                |                |
|      | production                             |                          |                                     |                |
| 3d   | Quantity of mineral reject             | No proposal              | Not Applicable                      |                |
|      | generation                             | 1 1                      |                                     |                |
| 3e   | Grade of mineral reject                | No proposal              | Not Applicable                      |                |
|      | generation and threshold               |                          |                                     |                |
|      | value declared                         |                          |                                     |                |
| 3f   | Quantity of sub-grade                  | No proposal              | Not Applicable                      |                |
|      | mineral generation                     |                          |                                     |                |
| 3g   | Grade of sub-grade mineral             | No proposal              | Not Applicable                      |                |
|      | generation                             |                          |                                     |                |
| 3h   | Manual / Mechanized                    | Mechanised and           | Mechanised and                      |                |
|      | method adopted for                     | Manual method            | Manual method                       |                |
|      | segregating from ROM                   | proposed for             | were used for                       |                |
|      |  | segregating from         | segregating from                    |                |
| 3i   | Ann analysis                           | ROM                      | ROM<br>Not applicable               |                |
| 31   | Any analysis or beneficiation study    | No proposal              | Not applicable                      |                |
|      | proposed & carried out for             |                          |                                     |                |
|      | sub-grade mineral and reject           |                          |                                     |                |
|      | Sub-grade minicial and reject          |                          |                                     |                |

| 3j | Provision of drilling & blasting in mineral benches  | No Proposal   | Not Applicable   |  |
|----|--|---|--|--|
| 3k | Provision of mining machineries in mineral benches   | Use of HEMMs<br>was proposed in<br>Mineral Benches.                 | Mechanized O/C mining was carried out engaging HEMMs in the mine before discontinuance of operation. | Mining was carried out by Shovel (2.1 m3) Dumper (25 tonne) combination. |
| 31 | Whether height of benches<br>in overburden and mineral<br>suitable for method of<br>mining proposed in<br>MP/SOM | Proposed Bench<br>Height and width<br>of 7-8 meter<br>respectively. | The minimum bench height and width were observed to be maintained during inspection.                 |  |
| 3m | Total area covered under excavation/pits   | 7.49 Ha of area proposed at the end of reporting year.              | 7.142 Ha is used for mining  | AS per AR for<br>2022-23   |
| 3n | Ore to OB ratio for the pit/<br>mine during the year   | 1:3.91  | 1:3.59   | No significant change  |
| 30 | Total area put in use under different heads at the end of year   | Pit: 7.49 Ha<br>Waste disposal:<br>5.804Ha<br>Others: 10.506 Ha     | Pit: 7.142 Ha<br>Waste disposal:<br>5.804<br>Others: 10.854 Ha                                       | As per AR 2022-<br>23  |
| 3p | Production of ROM mineral<br>during last five-year period,<br>as applicable (in Lakh<br>Tons)<br>Year- 2018-19   | 0.498   | 0.497  |  |
|    | Year- 2019-20  | 0.495   | 0.489  |  |
|    | Year- 2020-21  | 0.499   | 0.498  |  |
|    | Year- 2021-22  | 0.995   | 0.499  |  |
|    | Year-2022-23   | 1.500   | 0.497  |  |
| 3q | General remarks of inspecting officer on method of mining etc.   | on the orders of Ho   | have been discontinue<br>n'ble High of Odisha.<br>hovel (2.1 m3) Di                                  | Mining was earlier   |

## **Solid Waste Management-Dumping**

| S.N | Item                  | Proposals           | Actual work        | Remarks |
|-----|-----------------------|---------------------|--------------------|---------|
| 4a  | Separate dumping of   | Separate dumping of | Carried out as per |         |
|     | topsoil, OB & mineral | OB proposed.        | proposal.          |         |

# MCDR-MiFLoCR/11/2023-BBS-IBM\_RO\_BBS

## 1/25070/2024

|    | reject (Rule 32, 33) |                    |                    |            |
|----|----------------------|--------------------|--------------------|------------|
| 4b | Location of topsoil, | OB Dump            | OB Dump            | North Dump |
|    | OB & mineral reject  | 373775E to 374581E | 373775E to 374581E | _          |
|    | dumps                | 2329556N to        | 2329556Nto         |            |
|    |                      | 2330024N           | 2330024N           |            |

## MCDR-MiFLoCR/11/2023-BBS-IBM\_RO\_BBS

### 1/25070/2024

|   | 4c | Number of dumps           | Within lease area: 1   | Within lease area: 1 |            |
|---|----|---------------------------|--|----------------------|------------|
|   |    | within lease area and     | No   | No                   |            |
|   |    | outside lease area        | Outside Lease area:  | Outside Lease area:  |            |
|   |    |                           | Nil  | Nil                  |            |
| . | 4d | Location of dumps         | Location of Dump   | Actual location of   |            |
|   |    | w.r.t. ultimate pit limit | proposed outside   | dump were observed   |            |
|   |    | (Rule 16)                 | UPL  | to be outside UPL.   |            |
|   | 4e | Number of active &        | Active:01  | Active:01            | North Dump |
|   |    | alive dumps               |  |                      | _          |
|   | 4f | Number of dead dumps      | NIL  | NIL                  |            |
|   | 4g | Number of dumps           | No Proposal  | Not Applicable       |            |
|   |    | stabilized                | _  |                      |            |
|   | 4h | Whether Retaining         | 106Mtrs  | 106Mtrs              |            |
|   |    | wall or garland drain     |  |                      |            |
|   |    | all along dumps are       |  |                      |            |
|   |    | there                     |  |                      |            |
|   | 4i | Length of Retaining       | Retaining wall: 106  | Retaining wall: 106  |            |
|   |    | wall or garland drain     | Mtrs   | Mtrs                 |            |
|   |    | all along dump            | Garland drain: 66Mtrs  | Garland              |            |
|   |    |                           |  | drain :58.50Mtrs     |            |
|   |    |                           |  |                      |            |
|   | 4j | Number of settling        | No Proposal  | Not Applicable       |            |
|   | 3  | ponds                     | 1  |                      |            |
|   | 4k | Specific comments of      | The mine workings have been discontinued since 26/01/2023 on |                      |            |
|   |    | inspecting officer on     | the orders of Hon'ble High of Odisha. Dump Management was    |                      |            |
|   |    | waste dump                | broadly as per the appro                                     |                      |            |
|   |    | management                |  |                      |            |

## Solid Waste Management-Backfilling

| S.N | Item   | Proposals         | Actual work                           | Remarks                                   |
|-----|--|-------------------|---------------------------------------|---|
| 5a  | Status on part or full extraction of mineral from mined out area before starting backfilling | No Proposal       | Not Applicable                        |   |
| 5b  | Area under backfilling of mined out area   | Not Applicable    | Not Applicable                        |   |
| 5c  | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)      | No Proposal       | Not Applicable                        |   |
| 5d  | Total area fully reclaimed & rehabilitated   | Not Applicable    | Not Applicable                        |   |
| 5e  | General remarks of   | The area is not m | atured for backfil                    | ling as the mineral exists                |
|     | inspecting officer on backfilling, reclamation etc   |                   | ne workings have<br>orders of Hon'ble | been discontinued since e High of Odisha. |

## **Progressive Mine Closure Plan**

| Sl.N       | Item  | Proposals   | Actual work                     | Remarks                                    |
|------------|---|---|---------------------------------|--|
| 6a         | Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).                              | Annual report<br>on PMCP to be<br>submitted on<br>1st July every<br>year. | PMCP Report<br>Submitted.       | Submitted on dated 12/06/2023              |
| 6b         | Area available for rehabilitation (ha).   | Nil   | Nil                             |  |
| 6c         | afforestation done (ha).  | 0.381   | 1.0                             |  |
| 6d         | No. of saplings planted during the year.  | Number of plants<br>proposed for<br>afforestation<br>1960                 | Number of saplings planted 3520 | Within Lease-2520<br>Outside Lease<br>1000 |
| 6e         | Cumulative no. of plants  | 3810  | 8950                            |  |
| 6f         | Any other method of rehabilitation  | Not Proposed  | Not Applicable                  |  |
| 6g         | Cost incurred on watch and care during the year   | 9,80,000  | 17,97,133                       |  |
| 6h         | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D | Nil   | Nil                             |  |
| 6i         | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings         | Nil   | Nil                             |  |
| 6 <u>j</u> | 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          | Nil   | Nil                   |                    |
|----|------------------------|---|-----------------------|--------------------|
|    | rehabilitation of      |   |                       |                    |
|    | waste land within      |   |                       |                    |
|    | lease (i)afforestation |   |                       |                    |
| 6n | Compliance of          | Nil   | Nil                   |                    |
|    | rehabilitation of      |   |                       |                    |
|    | waste land within      |   |                       |                    |
|    | lease (ii)Area         |   |                       |                    |
|    | rehabilitation (ha)    |   |                       |                    |
| 60 | Compliance of          | Nil   | Nil                   |                    |
|    | rehabilitation of      |   |                       |                    |
|    | waste land within      |   |                       |                    |
|    | lease (iii) Method of  |   |                       |                    |
|    | rehabilitation         |   |                       |                    |
|    |                        | Environmental   | Regular               | Env. Monitoring    |
|    | Compliance of          | Monitoring  | Environmental         | was carried out by |
|    | environmental          | proposed in Core  | Monitoring was        | M/s Visonteck. All |
| 6p | monitoring (core       | and buffer zone   | carried out for air,  | the parameters     |
|    | zone and buffer        | proposed as per   | water, noise on       | were observed to   |
|    | zone)                  | MOEFCC and  | qtrly basis.          | be within the      |
|    |                        | SPCB guidelines.  |                       | permissible limit. |
| 6q | General remarks of     | The mine workings have been discontinued since 26/01/2023 |                       |                    |
|    | inspecting officers on | on the orders of Ho                                       | on'ble High of Odisha |                    |
|    | PMCP compliance        |   |                       |                    |
|    | and progressive        |   |                       |                    |
|    | closure operations     |   |                       |                    |
|    | etc.                   |   |                       |                    |

#### **Mineral Conservation**

| S.N. | Item   | Proposals  | Actual work  | Remarks |
|------|--|--|--|---------|
| 7a   | ROM Mineral dispatch or grade-<br>wise sorting within lease area                     | Grade wise mineral sorting proposed within lease area.   | Grade wise mineral sorting was carried out within lease area.  |         |
| 7b   | Method of grade-wise mineral sorting i.e. manual or mechanical                       | Mechanica l method proposed for grade- wise sorting  | Mechanical method<br>was carried out for<br>grade-wise sorting |         |
| 7c   | Different grade of mineral sorted out at mines                                       | 10% to<br>40%<br>+40% above  | 10% to 40%<br>+40% above                                       |         |
| 7d   | Any beneficiation process at mines   | Not<br>proposed  | Not Applicable   |         |
| 7e   | General remarks of inspecting officer on Mineral conservation & beneficiation issues | The mine workings have been discontinued since 26/01/2023 on the orders of Hon'ble High of Odisha. No Beneficiation was carried out by the lessee except Grade wise sorting within lease area. |  |         |

## **Environment**

| S.N | Item   | Proposals  | Actual work   | Remarks   |
|-----|--|--|---|---|
| 8a  | Separate removal and<br>utilization of topsoil<br>(Rule 32)  | 1800M³ of Top Soil proposed to be generated  | 1700M³ of Top Soil generated.   |   |
| 8b  | Concurrent use or storage of topsoil   | Concurrent use proposed  | Concurrent use carried out  | Top soil utilized for plantation.                                       |
| 8c  | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                                       | Separate dumps for overburden proposed.  | Separate Dump for overburden made.  | North Dump  |
| 8d  | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use            | Not Proposed   | Not Applicable  |   |
| 8e  | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.) | Not Proposed   | Not Applicable  |   |
| 8f  | Baseline information on existence of plantation & additional plantation done (Rule 41)                       |  | Number of<br>saplings<br>planted <b>3520</b>  | AR 2022-23  |
| 8g  | Survival rate  | 85%  | 85%   |   |
| 8h  | Water sprinkling on roads to<br>control airborne dust  | Water sprinkling proposed on haul roads to suppress the dust.                                      | Water tankers were deployed for water sprinkling on roads to control airborne dust. | One Water tanker with capacity of 12 KLD deployed for suppressing dust. |
| 8i  | General remarks of inspecting officer on aesthetic beauty in and around mines area                           | The mine workings have been discontinued since 26/01/2023 on the orders of Hon'ble High of Odisha. |   |   |

## **Compliance of Rule 45**

| S.N. | Item   |  | Observation of<br>I/Officer   | Remarks                                 |
|------|--|--|---|---|
| 9a   | Status of submission of<br>Monthly and Annual<br>returns   |  |   | AR for 2022-23 submitted on 30/06/2023. |
| 9b   | Scrutiny of Annual return<br>for information on<br>Mining Engineer,<br>Geologist and Manager           | Mine Manager- Shri Saraswat Nanda Mining Engineer- Shri Saraswat Nanda Geologist-Shri Susanta Kumar Biswal | Only same Minin was present during to inspection.  Mine Manager-Shri Mining Engineer: Saini                             | he course of Vinod Saini                |
| 9c   | Scrutiny of Annual return<br>on land use pattern for<br>area under pits, reclaimed<br>area, dumps etc. | Pit: 7.49 Ha<br>Waste disposal:<br>5.804Ha<br>Others: 10.506 Ha  | Pit: 7.142 Ha<br>Waste disposal:<br>5.804Ha<br>Others: 10.506<br>Ha   |   |
| 9d   | Scrutiny of Annual return on afforestation   | Within ML-2520 saplings @ 85% survival rate, Outside ML-1000 saplings @ 85% survival rate.                 | Appears to be correct.  |   |
| 9e   | Scrutiny of Annual return<br>on mineral reject<br>generation (Grade &<br>quantity)                     | No Mineral Reject<br>Generation  | Appears to be correct   |   |
| 9f   | Scrutiny of Annual return<br>on ROM stock and/or<br>graded ore   | 5.185 Tons   | Appears to be correct   |   |
| 9g   | Scrutiny of Annual return<br>on sale value, Ex. Mine<br>price & production cost                        | Sale value: Nil<br>Cost of Production<br>= 7666.96   | Appears to be correct   |   |
| 9i   | Scrutiny of Annual return on fixed assets  | Value of Fixed asset: Rs 54256961 including land, plant, machinery and transport equipment.                | Appears to be correct   |   |
| 9k   | Scrutiny of Annual return on mining machineries  |  | Back Hoe-02<br>Front End Loader-01<br>Water Tanker-01<br>Dozer-01<br>Pumps-03<br>Dumper-5<br>Other HEMM-01<br>Others-06 |   |