



## OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfokjr.od@gov.in

Memo No. 7248 /6F-Mining-191/2005

Dated, Keonjhar the 23-0ct- 2018

To

The Regional Chief Conservator of Forests,  
Rourkela Circle, Rourkela

**Sub: Proposal for diversion of 183.218 ha Forest land involved in the mining lease area over 380.40 ha of Banspani Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.**

Ref: 1. Proposal No. FP/OR/MIN/28732/2017, State Sl. No. OR-045/2017 dated. 11.09.2017  
2. This office memo No. 5107 dated 23.07.2018  
3. Your memo No. 2641 dated 19.08.2018.

With reference to the above cited memos under caption subject the point wise compliance report of the discrepancies / deficiencies observed is furnished hereunder for favour of kind information and necessary action.

1. Desired correction has been made in the revised forwarding letter under A-1 brief description of the project.
2. In the existing land use plan jointly verified by the Forest, Revenue & Mining Officials during March-2000 (plate-IV) in which, year of broken (pre-80 or post-80) has not been mentioned. However the User Agency has submitted a detail notes enclosed as Annexure-1 vide his letter No.14973 dated 28.09.2018, which may be perused.
3. The KML files in CD form of both the lease area and the area identified for CA is submitted herewith.
4. In revised forwarding letter under C2-Net Present Value (NPV) correction / addition has been made accordingly.
5. The Daitary- Bansapani Railway line Project has obtained Stage-II approval over an area of 370.2567 vide letter No. 8-56/93-FC dt. 28/29.04.1994 of MoEF, GoI. Further, DGPS survey map has been certified by the ORSAC & mentioned that 4.535 ha forest land of village- Khuntpani in Bansapani ML area is coming within Railway corridor of Daitary- Bansapani Railway line.
6. In the revised forwarding letter under C3 necessary correction has been made accordingly.

Enclosure- Revised forwarding letter along with requisite documents.  
Revised Part- II and Site Inspection Report.

*Satao* 23/10/18

Divisional Forest Officer,  
Keonjhar Division.

**Memo No. \_\_\_\_\_ /Dated**

Copy forwarded to the Additional Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information with reference to memo No. 2642 dated 19.08.2018 of RCCF, Rourkela Circle, Rourkela.

*W*  
Divisional Forest Officer,  
Keonjhar Division.

**Memo No.\_\_\_\_\_ /Dated**

Copy forwarded to the Deputy General Manager (Geo), F&E, Power of Attorney Holder, M/S OMC House, Bhubaneswar-751001 for information with reference to memo No. 2643 dated 19.08.2018 of RCCF, Rourkela Circle, Rourkela.

  
**Divisional Forest Officer,  
Keonjhar Division.**



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Phone No- 06766-254315, email ID- dfokjr.od@gov.in

Memo No. 7246 /6F-Mining-191/2005  
Dated, Keonjhar the 23<sup>rd</sup> October,2018

To

The Regional Chief Conservator of Forests,  
Rourkela Circle, Rourkela

**Sub:** **Proposal for diversion of 183.218 ha Forest land involved in the mining lease area over 380.40 ha of Banspani Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.**

**Ref:** Proposal No. FP/OR/MIN/28732/2017, State Sl. No. OR-045/2017 dated. 11.09.2017.

Proposal for diversion of 183.218 ha of forest land involved in the mining lease area over 380.40 ha of Banspani Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha, has been received online from the Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act. O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar vide No. FP/OR/MIN/28732/2017, State Sl. No. OR-045/2017 on dated 11.09.2017. The submitted proposal, over 183.218 ha forest land including 13.05 ha forest land located within safety zone all along the inner side of the ML boundary of the mining lease, in 5 sets is sent herewith for approval under section-2(ii) of Forest (Conservation) Act, 1980 (Amended) after due scrutinization in compliance with the guideline F No. 8-78/1996-FC(pt.) dt.10.03.2015 read with F No. 8-78/1996-FC(pt.) dt.09.03.2016 of MoEF&CC, Govt. of India.

### **A. Brief description of the Project Proposal**

#### **A1 - Brief description of the Project**

The mining lease of Banspani Iron ore mine was granted over 443 ha vide letter No. III (A) M-25/65- 3521-MG dated 23.04.1965 of Govt. of Odisha Mining & Geology Department(copy enclosed as Annexure- II). Subsequently, M/s OMC Ltd has been allowed to execute the mining lease over an area 380.40 ha arrived at after survey and demarcation vide letter No. III(A)M-18/66 dated 09.02.1966 of Mining & Geology Department, Govt. of Odisha. The said Mining lease was executed on dated 21.05.1966 for a period of 30 years with effect from 21.05.1966 to 20.05.1996 over an area of 380.40 ha. The first RML was applied on 10.05.1995 (receipt by the Collector, Keonjhar on dated 17.05.1995) one year prior to expiry of the original mining lease period over 380.40 ha which comprises 129.435 ha Reserved Forest, 13.382 ha Village Forest, 45.900 ha DLC Forest & 191.683 ha non-forest land. Further, Govt. of Odisha, Steel & Mines Department vide letter No. 4900/F&E dated 25.06.2018, extended the validity period of lease for a further period of 20 years from 21.05.2016 to 20.05.2036 subject to the execution of supplementary lease deed for such lease extension period.

The mining lease granted over 380.40 ha involves 129.435 ha Reserved Forest, 13.382 ha Revenue Forest, 45.900 ha DLC Forest & 191.683 ha non-forest land. Nonetheless, it is also mentioned that the said mining lease has been surveyed through DGPS survey and the DGPS surveyed area of the mining lease involves 128.45 ha RF, 12.192 ha Revenue Forest, 44.283 ha DLC Forest, 2.828 ha Non-forest land recorded as Forest as on 25.10.1980 and 192.647 ha Non-forest land. The said DGPS surveyed area of the mining

lease has been certified by the Tahasildar, Barbil and the certificate on Non-forest land recorded as Forest as on 25.10.1980 furnished by the Tahasildar, Barbil is enclosed herewith as **Annexure- I**.

The Mining Lease of Banspani Iron Ore Mines of M/s OMC Ltd lies between longitude E  $85^0-25'-00''$  to  $85^0-26'-38''$  and latitude N  $21^0-57'-45''$  to  $21^0-09'-55''$  in Survey of India topo sheet No. F 45 H8 & F 45 N5. As per Sabik records certified by the Tahasildar, Barbil the total forest land involved in the ML is 187.753 ha which involves RF- 128.45 ha, Revenue Forest- 12.192 ha, DLC Forest- 44.283 ha & Non-forest land recorded as Forest as on 25.10.1980- 2.828 ha. The instant diversion proposal has been submitted over 183.218 ha (126.22 ha RF, 10.021 ha Village Forest, 44.149 ha DLC Forest and 2.828 ha Non-forest land recorded as Forest as on 25.10.1980) including safety zone area over 13.05 ha Forest land for diversion under Section-2 (ii) of Forest (Conservation) Act, 1980. South-Eastern Railway for Jakhapura- Banspani Railway corridor has acquired 4.535 ha forest land (RF- 2.23 ha and Revenue Forest land- 2.171 ha and DLC Forest land- 0.134 ha) within the mining lease area.

The Mining Lease contains total mineable reserve of 14.735 million tonnes of Iron Ore. The annual production capacity is 1.00 million tonnes iron ore. This project will generate direct and indirect employment for more than 100 and 500 local tribal people respectively.

### **A.2. Physiography and Geological formation**

Banspani Iron Ore mines of M/s OMC Ltd, located within longitude E  $85^0-25'-00''$  to  $85^0-26'-38''$  and latitude N  $21^0-57'-45''$  to  $21^0-09'-55''$  in Survey of India topo sheet no. F 45 H8 & F 45 N5, consists of Reserve Forest, Revenue Forest, DLC Forest land and Non-Forest land recorded as Forest as on 25.10.1980. This site falls under the physiographic-Joda Barbil plateau extending from Chamakpur to the border of Singhbhum of Jharkhand in north and border of Bonai in the west. This region is an extension southwards of Singhbhum rocks. This group of rocks comprising Trap, Tuffites, Shale, Quartzite, Phyllite, Banded Haematite Jasper and Banded Haematite Quartzite form high hill ranges with narrow deep valley. This region is characterised by massive deposit of iron and manganese are associated with B.H.J. and shales. The iron ores precipitates are in the form of oxide, carbonates, silicates and sulphides. The most characteristics feature of the iron ore i.e haematite is its availability in the form of massive beds, pockets and large lensoid soil bodies. Hard massive, Laminated, Lateritoid & Blue dust are the major form of ore located in this physiographic zone. The mineable reserve of Iron ore established so far is 14.735 Million Ton of + 45 % Fe grade.

### **A.3. Floristic- Faunal Composition**

The geological formation of this area is quite suitable for growth of Sal. Sal constitutes around 70 to 75% of the top canopy. The middle storey is un-conspicuous. The quality of Sal varies from all India Quality II to IV. Quality II sal is mainly confined to the valleys while Q III occurs on the hill slopes of moderate gradient. Q IV sal mainly confined in the ridges. Q I sal is completely absent.

The principal associates of Sal includes *Terminalia alata*, *Lagerstroemia perviflora*, *Anogeissus latifolia*, *Terminalia belerica*, *Syzygium cumini*, *Mangifera indica*, *Schleicheraoleosa*, *Adina cordifolia*, *Pterocarpus marsupium*, *Bombax ceiba*, *Bridelia retusa*, *Madhuca indica*. The middle story is represented by *Syzygium cumini*, *Ougeinia ougenensis*, *Careya arborea*, *Trema orientalis*, *Emblica officinalis*, *Cassia fistula* etc. The shrubs and undergrowth are characterized by *Indigofera pulchella*, *Ardisia solenacea*,

*Flemingia chhapar, Helicteres ixora and Clerodendron viscosum* etc. The prevailing climbers include *Bauhinia vahlii, Combretum decandrum and Beutia parviflora*. The grasses over the forest floor include *Chrysopogona cicutatus, Imperata cylindrica, Dicanthium caricosum, Cynodon dactylon* etc.

The canopy density of the prevailing forest growth in the applied forest land varies from 0.2 to 0.8. The prevalence of pole crop to middle aged Sal crop in this area indicates the shifting cultivation in the past and the crop can therefore be considered to be secondary origin. But the secondary moist deciduous forest replacing primary forest of the same type is not differentiated as almost all the primary forests have been practically influenced by human interference. The prevailing forest growth & structure of the forest crop in the proposed forest land is categorised as 3C/C2e(iii) Moist Peninsular Valley Sal. The canopy density on average is **0.5**.

Movement of wild elephants is often witnessed in Baitarani Reserved Forest and adjoining Forest land. The applied site falls under elephant habitat zone- 2 as mentioned by ORSAC, Bhubaneswar.

#### **B. Documents and Undertakings as regards Forest Diversion Proposal**

##### **B.1. Maps**

The user agency has furnished the required maps as depicted hereunder in the table produced below-

| <b>Sl.No</b> | <b>Map Particulars</b>   | <b>Scale</b> | <b>Reference</b>                            |
|--------------|--|--------------|---|
| 1            | Location plan on the Survey of India Topo Sheet No. F 45 N 5, showing the ML boundary with adjoining lease.                                      | 1:50000      | Plate- I                                    |
| 2            | Granted lease map showing details of Ml boundary.  | 16"=1 mile   | Plate- II                                   |
| 3            | 1 <sup>st</sup> Renewal lease map  | 1:4000       | Plate- III                                  |
| 4            | Plan showing existing pattern of utilisation   | 1:4000       | Plate- IV                                   |
| 5            | Proposed Land Use plan   | 1:4000       | Plate- V                                    |
| 6            | Geological Map of the ML area  | 1:4000       | Plate- VI                                   |
| 7            | Plan showing the area earmarked for Safety Zone.   | 1:4000       | Plate- VII                                  |
| 8            | Phased reclamation and afforestation plan  | 1:4000       | Plate- VIII                                 |
| 9            | Plan showing the non-forest area allotted for compensatory Afforestation in village Kathkura under Thuamul Rampur Tahasil of Kalahandi district. | 1:4000       | Plate No. IX<br>(A), (B), (C),<br>(D) & (E) |
| 10           | Geo-referenced Mining Lease map authenticated by a joint team and vetted by ORSAC  | 1:3960       | Plate-X                                     |
| 11           | DGPS map of the forest area included within the ML and proposed for diversion.   | 1:4000       | Plate-XI                                    |

##### **B2. Forest Land**

The mining lease over 380.40 ha involves 187.753 ha forest land (128.45 ha Reserved Forest, 12.1920 ha Village Forest, 44.2830ha DLC Forest, and 2.8280 ha Non-forest land recorded as Forest as on 25<sup>th</sup> October 1980) as certified by the Tahasildar, Barbil. Out of which 4.535 ha forest land (RF- 2.23 ha and Village Forest land- 2.171 ha and DLC Forest land- 0.134 ha) has been acquired by South-Eastern Railway for Jakhapura- Bansapani

Railway corridor and obtained Stage-II forest clearance dated 28/29 April, 1994. The purpose wise break-up of 183.218 ha of forest land submitted for diversion, is produced hereunder-

**Purpose wise breakup of the 183.218 ha of Forest Land**

**Table - 1**  
**Existing land use in respect of 45.992 ha broken up forest land along with Non-Forest land involved in the project**

| Sl. No. | Pattern of Utilization           | Forest Area (in ha) |                |  |                   |               | Non forest Area (in ha) | Total Area (in ha) |
|---------|----------------------------------|---------------------|----------------|--|-------------------|---------------|-------------------------|--------------------|
|         |                                  | RF                  | Revenue Forest | Non-forest land recorded as forest as on or after 25.10.1980 | Forest as per DLC | Total         |                         |                    |
| 1       | a)Mining (Quarry and Float work) | 19.882              | 0.511          | -  | 7.19              | 27.583        | -                       | 27.583             |
|         | b) Ore stack                     | 1.903               | 0.29           | -  | -                 | 2.193         | -                       | 2.193              |
|         | <b>Sub-Total</b>                 | <b>21.785</b>       | <b>0.801</b>   | -  | <b>7.19</b>       | <b>29.776</b> | -                       | <b>29.776</b>      |
| 2       | Dump                             | 8.326               | 0.326          | -  | 4.598             | 13.25         | -                       | 13.25              |
| 3       | Camp hut, etc                    | -                   | 0.32           | -  | -                 | 0.32          | 2.24                    | 2.56               |
| 4       | Mines Road                       | 1.972               | 0.132          | -  | 0.441             | 2.545         | -                       | 2.545              |
| 5       | Magazine                         | 0.101               | -              | -  | -                 | 0.101         | -                       | 0.101              |
|         | <b>TOTAL</b>                     | <b>32.184</b>       | <b>1.579</b>   | -  | <b>12.229</b>     | <b>45.992</b> | <b>2.24</b>             | <b>48.232</b>      |

The total forest land of 183.218 ha (including 45.992 ha already broken up forest land) of the lease hold area has been proposed for diversion to be utilised for various mining purposes in the mining lease. The forest land includes 126.22 ha of RF, 12.849 ha of Revenue Forest (which includes 2.5050 ha forest area which was forest prior to 25.10.1980 and later converted to non-forest without prior approval of Central Govt.), 44.149 ha Forest as per DLC. The purpose-wise break-up of the total land required is indicated below-

**Table -2**  
**Proposed Land use of 183.218 ha forest land along with Non-Forest land involved in the project**

| Sl. No | Pattern of Utilisation  | Forest Area (in Ha) |                |  |                |                 | Non forest Area (in Ha.) |                |                 | Grand Total (in Ha.) |
|--------|---|---------------------|----------------|--|----------------|-----------------|--------------------------|----------------|-----------------|----------------------|
|        |   | R.F.                | Revenue Forest | Non- forest area recorded as forest as on and after 25.10.1980 | As per DLC     | Total           | Govt.                    | Private        | Total           |                      |
| I      | a) Mining   | 98.5251             | 3.7672         | 0.6640   | 25.9058        | <b>128.8621</b> | 0.4421                   | 0.7280         | <b>1.1701</b>   | <b>130.0322</b>      |
|        | b)Overburden Dump   | 0.0091              | 1.5808         | -  | 13.1506        | <b>14.7405</b>  | -                        | -              | -               | <b>14.7405</b>       |
|        | c)Subgrade stack yard   | 12.0520             | 0.3646         | -  | 0.5035         | <b>12.9201</b>  | -                        | -              | -               | <b>12.9201</b>       |
|        | d)Mineral storage & processing  | 8.4593              | 2.3861         | 0.3490   | 1.7291         | <b>12.9235</b>  | 0.1840                   | -              | <b>0.1840</b>   | <b>13.1075</b>       |
|        | e)Infrastructure  | -                   | -              | -  | -              | -               | 5.3833                   | -              | <b>5.3833</b>   | <b>5.3833</b>        |
|        | f)Green belt  | -                   | 0.0749         | 0.5850   | -              | <b>0.6599</b>   | -                        | -              | -               | <b>0.6599</b>        |
| II     | e)Road  | -                   | 0.0619         | -  | -              | <b>0.0619</b>   | 4.3327                   | -              | <b>4.3327</b>   | <b>4.3946</b>        |
|        | Safety zone   | 7.1745              | 2.1085         | 0.9070   | 2.8600         | <b>13.0500</b>  | 5.1354                   | 39.9516        | <b>45.0870</b>  | <b>58.1370</b>       |
|        | <b>Total</b>  | <b>126.2200</b>     | <b>10.3440</b> | <b>2.5050</b>  | <b>44.1490</b> | <b>183.218</b>  | <b>15.4775</b>           | <b>40.6796</b> | <b>56.1571</b>  | <b>239.3751</b>      |
| III    | Railways  | 2.2300              | 1.8480         | 0.3230   | 0.1340         | <b>4.5350</b>   | 43.3288                  | 21.1142        | <b>64.4430</b>  | <b>68.9780</b>       |
| IV     | Land used for public purpose, road, agricultural land/ private land etc | -                   | -              | -  | -              | -               | 0.4707                   | 71.5762        | <b>72.0469</b>  | <b>72.0469</b>       |
|        | <b>Grand Total</b>  | <b>128.450</b>      | <b>12.1920</b> | <b>2.8280</b>  | <b>44.2830</b> | <b>187.7530</b> | <b>59.2770</b>           | <b>133.370</b> | <b>192.6470</b> | <b>380.4000</b>      |

**B.3 Tree Enumeration.**

As per sample enumeration and extrapolation there are 14760 nos. of sound, 36294 Nos. of unsound trees in the virgin forest land over 137.226 ha and 349 nos. of sound, 1291 Nos. of unsound trees in the broken up forest land over 45.992 ha enumerated over 183.218 ha forest land involved in the Mining Lease in the instant proposal. The species wise

and diameter class wise abstract of enumerated trees in respect of virgin and broken up land in separate sheets is enclosed as **Annexure -XXVII**.

#### **B.4 Cost benefit analysis.**

The Cost Benefit analysis has been worked out as per the guide lines of Forest (Conservation) Act, 1980 and enclosed in the proposal as **Annexure- IXA**. The Cost Benefit ratio is 1:48.89.

#### **B.5 Re-settlement and Rehabilitation.**

The project does not involve displacement of any human habitation. Therefore, Re-settlement and Rehabilitation plan is not insisted upon.

#### **B.6. Safety Zone**

As certified by the Tahasildar, Barbil the mining lease over 380.40 ha involves 128.45 ha RF, 12.192 ha Village Forest, 44.283 ha DLC Forest, 2.828 ha Non-forest land recorded as Forest as on 25.10.1980 and 192.647 ha Non-forest land. The total Non-Forest land involved in the mining lease is 192.647 ha. The total forest land including non-forest land recorded as Forest as on 25.10.1980 located in the safety zone 7.5 mtr strip all along the inner side of the mining lease is 13.05 ha. The details of Forest and Non-Forest land located in the safety zone of the mining lease, in respect of the submitted diversion proposal, is furnished hereunder-

#### **DETAILS OF SAFETY ZONE AREA**

| Sl. No.      | Particulars  | Forest Area (ha) |               |  |                   |               | Non-forest (ha) | Grand Total   |
|--------------|--|------------------|---------------|--|-------------------|---------------|-----------------|---------------|
|              |  | RF               | Rev. Forest   | Non-Forest land recorded as forest as on or after 25.10.1980 | Forest as per DLC | Total         |                 |               |
| 1            | 7.5 m strip all along the inner side of the ML boundary. | 4.2409           | 0.5184        | 0.0930   | 1.8748            | 6.7271        | 4.1129          | 10.840        |
| 2            | 10 m width on either side of the village road.           | 0.0043           | 0.2128        | 0.1270   | 0.1308            | 0.4749        | 5.3081          | 5.783         |
| 3            | 50 m width on either side of the Railway corridor.       | 2.9286           | 1.3146        | 0.4750   | 0.8544            | 5.5726        | 32.2004         | 37.773        |
| 4            | 50 m width on either side of the Express highway.        | 0.0007           | 0.0627        | 0.2120   | -                 | 0.2754        | 3.4656          | 3.741         |
| <b>TOTAL</b> |  | <b>7.1745</b>    | <b>2.1085</b> | <b>0.9070</b>  | <b>2.8600</b>     | <b>13.050</b> | <b>45.087</b>   | <b>58.137</b> |

#### **B.7. Concurrent Reclamation Plan**

No reclamation has been carried out till date. Reclamation will be done as per provision of the approved mining plan.

#### **B.8. Lease Profile**

The lease profile, furnished by the User Agency, is enclosed as **Annexure- XXII** in the diversion proposal.

#### **B.9. District Profile**

The district profile in the prescribed proforma vide Annexure- VII of FC Act guideline is annexed herewith as **Annexure – XXIX**.

**B.10. Compliance of the conditions stipulated in the Earlier Approvals (Stage-I and Stage-II) under FC Act,1980**

No approval has been obtained under Section 2 of Forest (Conservation) Act, 1980.

**B.11. Compliance to Statute(s),circular & directives issued by Govt. of India, MoEF as applicable to the project which came in to force after grant of earlier approval.**

No approval has been obtained under Section 2 of Forest (Conservation) Act, 1980.

**B.12. Certificate under FRA, 2006**

In compliance to the provisions of the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forests Rights) Act, 2006, certificate has been issued by the Collector, Keonjhar over 154.784 ha. The copy of the Certificate under FRA, 2006 is enclosed as **Annexure-XXV** of the Diversion Proposal. The User Agency has requested to the Collector, Keonjhar vide letter No. 8309/OMC/F&E/2016 dt. 06.06.2016 to issue certificate under FRA, 2006 for the balance forest land over 32.969 ha.

**B.13. Site Inspection Report of DCF**

Site Inspection report of the Deputy Conservator of Forests, Keonjhar Division is furnished as **Annexure-XXX**.

**B.14. DGPS maps**

The DGPS map signed by all concerned officials of Revenue, Mining and Forest Dept., validated by ORSAC and duly countersigned by the undersigned is enclosed as **Plate-XI**. The area as per land schedule and that of DGPS map involved in the submitted diversion proposal is produced below-

| Sl No. | Category of Forest Land                              | Area applied for (in ha) | Area as per DGPS Map (in ha) | Remarks  |
|--------|--|--------------------------|------------------------------|----------|
| 1      | Reserve Forest land                                  | 126.220                  | 126.208                      | 0.009% ↓ |
| 2      | Village Forest land                                  | 10.021                   | 10.299                       | 2.77% ↑  |
| 3      | DLC Forest land                                      | 44.149                   | 44.131                       | 0.04% ↓  |
| 4      | Non-forest land recorded as Forest as on 25.10.1980. | 2.828                    | 2.383                        | 0.445 ↓  |
|        | <b>Total</b>   | <b>183.218</b>           | <b>183.021</b>               | -        |

NB- The mentioned forest area in the DGPS map is 126.208 ha-Reserve Forest, 10.299 ha- Revenue Forest, 44.131 ha-DLC Forest and 2.383 ha Non-forest land recorded as Forest as on 25.10.1980. But as per certified copy of Tahasildar, Barbil the forest area is 128.450 ha- Reserved Forest, 12.192 ha Revenue Forest, 44.283 ha DLC Forest and 2.828 ha Non-forest land recorded as Forest as on 25.10.1980 excluding railway corridor of 4.535 ha (RF- 2.230, Revenue Forest- 2.171 ha & DLC Forest- 0.134 ha). The total forest area 183.021 ha is as per

DGPS survey and 183.218 ha is as per the certified copy of land schedule by Tahasildar, Barbil.

### C. Compensatory Levies

#### C.1. Compensatory Afforestation

|     |   |   |                    |
|-----|---|---|--------------------|
| I   | Total Mining Lease area                               | - | 380.40 ha          |
| II  | Forest area involved in the ML                        | - | 187.753 ha         |
| III | Forest area already diverted (SE Railways)            | - | 4.535 ha           |
| IV  | Forest area covered under safety zone                 | - | 6.7271 ha          |
| V   | Forest land to be kept un-diverted                    | - | --                 |
| VI  | Forest area applied for diversion                     | - | 183.218 ha         |
| VII | Total broken forest land involved in the mining lease | - | 45.992 ha          |
| VII | <b>Land Required for Compensatory Afforestation</b>   | - | <b>130.4989 ha</b> |

Non-forest land required for Compensatory Afforestation for diversion of 183.218 ha under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted non-forest Govt. land over 134.98 ha in Village Kathkura under Thuamul Rampur Tahasil of Kalahandi (S) Division in Kalahandi District is suitable, as certified by DFO, Kalahandi (S) Division for Compensatory afforestation under Bald Hill plantation over 128.762 ha @1600 plants/ha and ANR Gap plantation over 6.218 ha @600 plant/ ha.

#### C2. Net Present Value (NPV)

The mining lease granted over 380.40 ha involves 187.753 ha Forest land & 192.647 ha Non-Forest Land. NPV has been deposited in respect of entire forest land included in the mining lease as depicted hereunder-

| Sl No. | Forest Area in ha   | Eco Value Class | Canopy Density | The then applicable Rate in Rs. | NPV Deposited in Rs. |
|--------|---|-----------------|----------------|---------------------------------|----------------------|
| 1      | Broken up forest land in the mining lease over 45.992 ha.             | I               | 0.1            | 580000/-                        | 26675360.00          |
| 2      | Virgin forest land in the mining lease over 137.226 ha                | I               | 0.3            | 730000/-                        | 104189250.00         |
|        | <b>Total-183.218 ha</b>   |                 |                |                                 | <b>130864610.00</b>  |
| 3      | Interest on belated payment of NPV @ 9% for 6 days of Rs. 104189250/- | -               | -              | -                               | 154143.00            |
|        | <b>Grand Total</b>  |                 |                |                                 | <b>131018753.00</b>  |

The Addl. General Manager (Geo), Power of Attorney Holder, M/s OMC Ltd undertakes to bear the cost of NPV if enhanced upwards in future.

#### C3. Wild Life Management- Site Specific Wildlife Conservation Plan and Regional Wildlife Management Plan.

Site Specific Wildlife Conservation Plan has been approved by the PCCF, (Wildlife) & CWLW, Odisha vide memo No. 3040/1WL-C-FC-SSP-239/10 dt 24.04.2010 with a financial outlay of Rs. 146.00 Lakh (Rs. 39.00Lakh for the project area to be implemented by User Agency and Rs. 107.00 Lakhs for the project impact area to be implemented by DFO, Keonjhar). The demanded amount 107.00 lakh has not yet been deposited by the User Agency. Further, the User Agency has undertaken to deposit the Site

Specific Wildlife Conservation Plan and Regional Wildlife Management Plan. The undertaking to this effect furnished by the User Agency is enclosed as **Annexure- XIV**.

#### **D. Statutory Clearances**

##### **D.1. Forest Clearance**

No forest land has been diverted under section- 2(ii) of FC Act, 1980.

##### **D.2. Mining Plan/ Mining Scheme**

The Mining Scheme along with Progressive Mine Closure Plan has been approved by IBM vide No. MSM/OT/06-ORI/BHU/2017-18 dt.09.08.2017 with validity up to 31.03.2018. The copy of the approved scheme is enclosed as **Annexure-VIII**.

##### **D.3. Environmental Clearance**

The User Agency has obtained Environmental Clearance vide letter No. J-11015/1089/2007-IA.II (M) dt 08.05.2008 of Govt. of India, MoEF for production of 1.0 Million ton of Iron ore. The copy of the approved Environmental Clearance is enclosed as **Annexure-XVI**.

##### **D.4. Consent to Operate from SPCB, Odisha**

The State Pollution Control Board, Odisha has issued Consent to operate vide letter No. 13749/IND-I-CON-262 dt 23.08.2011 which was valid upto 31.03.2012. The Copy of the Consent to Operate Order is enclosed as **Annexure -XVIII**.

#### **E. Miscellaneous Information**

##### **E.1. Violation and Action Taken thereof.**

###### **Violation**

As per the observation of the Hon'ble Justice M. B. Shah Commission, production figure mentioned, in the Annexure- IV- A of the 1<sup>st</sup> report on illegal mining of Iron and Manganese Mines in the State of Odisha, illegal production of 148242 tonnes Iron ore from 2002-03 to 2004-05 without obtaining approval under FC Act, 1980.

###### **Action taken**

For the illegal production of mineral, OR case No. 164CH of 2014-15 has been booked. Prosecution sanctioned and submitted in the Court of JMFC, Barbil vide PR No. 31 of 2014-15 dated 12.02.2015. The case is sub-judice.

##### **E.2. Pending Court Matters.**

The Lessee has furnished an undertaking as regards pending court matter in respect of the Banspani Iron Ore Mines of M/s OMC Ltd and the said undertaking is enclosed herewith as **Annexure- XVIII** for kind perusal.

##### **E.3. Brief details as regards approval/ leases owned by the same project proponent.**

The brief details as regards the approvals/ leases owned by the project proponent along with the current status of the projects/ leases is enclosed as **Annexure-XXII** of the Diversion Proposal.

**E.4. Compliance of the order dated 01.09.2014 of the Hon'ble Supreme Court in I.A No. 204 and 219, 223 in I.A. No. 204 and I.A No. 224 in I.A. No. 215 in W.P.(C) 562/2009 read with I.A No. 212 in W. P (C) 562/2009.**

Proposal for diversion of 183.218 ha forest land involved in the mining lease area over 380.40 ha of Banspani Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha, has been received online from the Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act. O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar vide No. FP/OR/MIN/28732/2017, State Sl. No. OR-045/2017 on dated 11.09.2017.

The submitted diversion proposal over 183.218 ha of Forest land including 13.05 ha of Safety zone, in the 2<sup>nd</sup> renewal of the mining lease, is forwarded herewith for approval as per provision under section -2(ii) of Forest (Conservation) Act, 1980.

**Enclosure- Diversion proposal along with requisite documents.**

*Santosh*  
23/10/18  
Divisional Forest Officer,  
Keonjhar Division.

**Memo No. 7247 /Dated 23-10-2018**

Copy forwarded to the Additional Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information.

*Santosh*  
23/10/18  
Divisional Forest Officer,  
Keonjhar Division.